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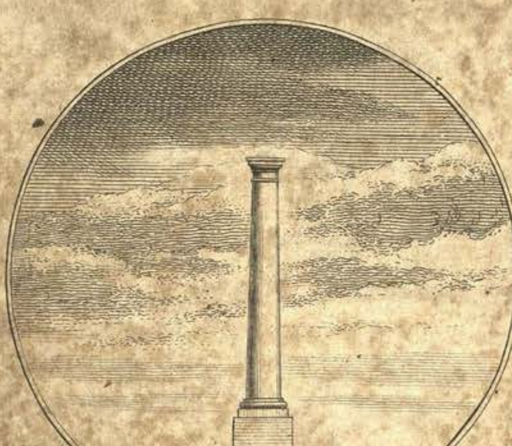
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4+ - '71 6.2.6+ ' .4'3+14' 06' 9"1 . ' 40,+8' <+ 6 6 . ' 0" 9 1 ' - 0 ,1 4 . '0/ 6 - . '
6 1 ' - .<1 + - '0/0 - 5".' .,'5 .0 - 1 + - ' - .9* 6+40 ' 5 .060 0.' *<+ .0' 0* +8' *4 9 '
:.61' .,' 40* 3+0' 1,,.71 ' 3+.0' *09"04.' 0,+ 0 0' "1*' 1"06' *0,' *0'510* 60*6 .'
1 - 66 6+ ' " + - ' *: 6. 0*6' (04' + 6.57.8' 4 0*6 02.6' ,+ '$." 8' (0" - '90*06'
06',". 8' + . - +8'4+/'40 6 * .6+8' .47.0 02.6' 3+ '40,+8'06'".+40 - ' *' 0/504 6 1* 2+8'
+6 " 6.60' 06' +,,0" +' - 06 02.6+ ' 60 - 0 6.60 - '01 + - '. 9+0*41'3+ ' ." 60 ' +.40 0*6'
* . - ' - 50 . ' * " ' 0 0 0*608' 0' ,+5 4 6.608' ,1* " 1 + - ' - 140 .6 1*0' ."+2 606'
017 2,.*6 - ' 3+.*61'."6 +8. ,0*40 *6 6.761' 104 +8',1 ' - 0 0 ' *03+0'&0 1'.401'
., "0 - ' .4 6+ - '50 ' E .*.60* + - ' 04 6 1*0 - ' * 5.* . - '5.60 0 ' 3+0 *' - . 0
'Q' ,10"+ - >
! '8 ")$ 22)' '9 ! ' - / " # ' ! '=- # ! '
''/'2! ' ' ' "
#5' #

0 00 ' ,10"+ < .,' *.6+ .' 5 .': 2+8' 7+ - .* 8' * +50 .2 " 8' 6.*61' A1,1 + - ' 5.6 1' 6,
' ' 51 61' 12 6 +0 0' 3+14. - * 141' : 40.6+ ' *03+0' ,+ - ' $7 " 551' 3+ ' 5160*6 % - +8'
50 ? 0' 6' ,1*6 .' 3+.*" 4" ' <.40*6' 1"1' 04' ,+ - ' E0 - .* .' .,' 6." .' +* :, .<
40* 3+0' ,+ - ' E."" .' - 141' 1040 .6.' ' *' 5.* . - ' 20""+ - ' 6 .*8 06.6+ ' 0 - '
5 1,+"4+2 1' +6+ .* ' *. - ' E.""18' . - R 6 . - ' 3+ 40 - ' %+ ,1 + - ' 0/5060 0' 04'
& , * 6.60 - ' 71 0 0< ' 5 45 +8' %+ , ,.' . - .' .4 - 1:0.*6+ ' 0140 - ' 14 1' 3+1'
5.*18' 06' %+ ,1 + - ' 5160*6 . - ' 5 1 0,+6+ 18' 0 0' 6.3+0' 516 +8' 0 0' +6' E .'
.60 08' *60 - 50 6 :.0' 40 04 1* 8' +.0' 06' ." 0*1' - ./ - 0' 60 - 51 0' 5 .0, 5 6.6.,'
60 - 0 6.6 8' 510*.8' "+.*6' 3+. - ' ,1 - - 660 0' +6' 4+ - ' - 0 ,1 4 .0' 06' *.* ' 71 - '
*+ - ' 15 * 1* ' 5"+8' <+ 61' 6 2+ 6' 6. 6' - 50 ' 1508' 1 6+*.8' 06' 0/ 6 - .6 1*0 - ' *'
0/6 0 - ' 50 ,+" ' ."0. - ' ,1*<0, "0' : 40.6+ ' 6.3+0' ,1* +"6 +8' : 40 ' +6' 1 - 7%.'
1' 6.*6+ - ' 4+2 ' 04' 50 ,+"1 ' .,' 50 * , 1 ' 0:0*6+8' 0/504 6 1*0' ;5 +8 ' 3+.0'
3+. 6' ? .*60' 1,+"18' 51 66.' 0 6' 506.6+ ' 0/' 3+.' *1*' - *1 ' .4' (0" - + - ' 3+.6*'
1" - ' 0/' 7141' 0/5+9*.6.' .4' (1" - .*+ - ' 5. 0*60 - ' 9"1 .' 6' 04 6+ .' *' + 6.'
57.0' 0*60*6 . - ' 6+ - ' 0 6' 3+0' 4+/' 20"" ' , 0. - 8' .44 61' $." ' ,1""09.' - . 6 - .0'
,". 6 8' 5 .0 041' 0,70 - 0608' .+60* ' 40' &0*061 + - ' ."+60' *1*' - *+8' 3+. - ' 40'
0'5 15 .' 1"" , 6+8' ,+ - ' 50 6 *., . - ' +. - ' ' +"60 +8' ,1*6 .' 5+9*. 06' 2' ,.5 60'
"+0*4. - ' .* - .4:0 60 06' .' ,1*60*6 1*0' .* - + - ' .2 6 *+ 60 03+0' - 50 .61 8'
<+ +' &0*061' 1 .61 ' 8' 0 .6# *61* +8' . 2. +8' *+*, .6.' 71,' 3+13+0' .2' 01'
- 506 . 0' 4 , 6+ ' +6' 0/' ,+2 ,+". 8' ." 3+0 - ' &0*06 .8' .2"09. 06' 3+ ' ,+ - ' 0*.6+'
.90 06' *60 - ' - 1*0 0' 0' 5 1' . - , 6 .' 3+.' 08' 5 2 + - ' 7+0' + 3+0' 1:0 6' +6'
5 +40*6 . - ' .4' 60 - 5+8' .,,1 - - 140*6' 06' ,+ - ' 5. 08' 6.*6.0' 5160*6 .0' *1*' * '
,1*4 6 1* 2 8' 516 +8' ,+ - ' - 50 .61 0' 6 .* 9.*6' 3+. - ' ' 0,+ 0*6' 14 1' 0<+8' *'
0' .,,0* 1' 12' 0 - ' "0: 8' - 1 - 0*60' 40' 616.' 05+2" ,.' 50 ," 60*6+ ' 4' +2 ' &0*06 8'
,19* 6+ - ' . - ' *40' *4 9*.6 1*' <+ 6.0' - 0+ 6' *40' - ." ' +6+ ' 5 .0 .9 8' .* - 8'
- +"61 + - ' 0*60*6 .' + 6' * 7 " 50 ' . - ' 06' - 506+ - ' .90*4+ - ' *03+0' 6.*6'
* 1 - 0*6' *0916 + - ' .6 1, 6.60' *<+ .0' .+6' .4' *4 9* 6.60' .,' ,.+ .0' <+ 6 .' 04'
5 1 + - ' 15 2+8' .0 6 - .*4+ - ' 0 08' .6 + 3+0' : 40 ' +6' %+ , ' .* - + - ' 50,+* .0'
; ' 3+. - ' 156 - . - ' 20"" ' ,1*6 .' 0+ - ' 90 0*4' .6 1*0 - ' 0 - 50 ' 0/50 6' *6' 0/ '
5+9*. 0' 06' 5+ 5+ .61 + - ' 9 .6 . - ' - +*0 + - ' - .9* 6+4 *0' 3+1 + - ' .:. .' " .'
90*8' .: < " - .' 0 6' 2' ,1*, " .60' 0* 6.*6+ ' (0,+*4+ - ' 7.0,' ,". 8' * 6 + 6+ '
*' &0*061' *+' ,+<+8' . ,+8' ' G+ *+8' 5 .0 04+8' 0 .6' 6 0 - 08' . - .6.0' / / / '
0/,+2.2.*6' 3+ 2+8' 616 40 - ' 5.6 , ' &0*06' 5 .00 .*6' 06' A.,12+8' ,' 0" +8' ,"."""8'
,+ .61 ' + - 3+0' &0*06 .8' ."".6+ - ' 0 %06' - 50 .61 0 - ' %+ , ,+ - ' 2 *.8' &0*061 + - '
.:0 8' 2 1."4. - ' .63+0' ."2.*. - ' , ,.' 4' A.*' 406 *+ "0' ' 5 6 - ' :0 1' *'
.55. .6 2+8' 20"" , 8' .401' .660*6+ - ' 0 "0' +6' 5 0 - 06' 0 . - . - 0*6. + - ' 06' %.5.*. - '
3+1' "1,1' - .,7 *.0' . "0 :.*6+ ' * 504. 06' 6+ *' 3+ 43+ 4' 0 ' 1551 60.6' 5 .0 0*8'
5 .0, 50 ,' *1*' 9 .:. 06+ ' 7 8' *+*, 8' 0*.6+8' 3+14' 0 .6' ,1*<04.*8' . ,1'
G+ *1' - .*4.6.' 4.6' +6' *' ' 06. - ' 3+.*6.' 51 "06' ,0"0 6.60' ,1*6 *40 06' ,+ .'
063+0' +6' 3+. - 5 - + - ' "" +8' * +".0' ,"."" 8' * 6.+ . 06+ ' 8' ,+ - ' / :' S."'
. 6' 8' 0 0*.' ,+ - ' ' 2 0 - 2+8' 1": "06' 2 +2.60 - ' ,+2 ,+". + - ' (0" - ' 12'
: + - ' .4' .9+ . - ' 7.2+ 6' 3+' ,+ - ' "1 1' . 2. 1' *61* ' " 1' *90" ' ' (+ .*'
*.:0' :0702.6+ ' 40' ,+<+8' .4:0*6+' <. - ' ,0 6 1 08' ,". 60* ' 40*+1' / * ' 6 0 - +*:'
* " ++*6' 0 3+0' 0 1*; - + - ' ' =.*0+ - ' 5 .0 , +*6' 140 - ' 60 - 51 0' . 6 1'
0/0+*60' - + .608' . +8' ,+ - ' / / :' 6 0 - 2+8' 714+ - ' :0 +8' 60' *60*4 6' - . .'
& , *.' * 0 + +8' 06' 3+1' - *+8' &0*06' ;5 8 +5506 .8' 0 0' 51 0*6' 5 17 2 6+ +8
A+40

.' ' ' ' ' ' ' /+(0 1" 2 3)' ")3' 8 $' $
' 4 - ! # " /' ' ' !' ! ! # ! $ 2 ! $' ' ' , # '
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M' 5 ! $ @ ! ! $

) ˢ ˢ ˢ

40ˢ 0.6+8ˢ - 8ˢ.4ˢ1 .61 08ˢ +18ˢ 60 8ˢ.5+4ˢ$7 " 55+-ˢ 06ˢ51*6 00-ˢ.9+*6ˢ ˢ
06ˢT1 +-ˢ150-ˢ.4:0 +8ˢ,1- - +*0-ˢ71 60-ˢ -5"1 .*6ˢ ˢ
ˢ ˢ. +2.608ˢ.ˢ(0" -1ˢ - " 8ˢ&0*06 .8ˢ:0* 6ˢ ,+ˢ 0*.6+8ˢ4.6+8ˢ0 6ˢ
<*0* 0ˢ 5 "ˢˢ ,+-3+0ˢ -+"6.ˢ 40ˢ 09 09 .ˢ (0" - ˢ0 9.ˢ 0-5+2" ,.-ˢ:1"+*6.60ˢ
56.0 .6+8ˢ0 606ˢ 3+.*ˢ66ˢ 1040 0ˢ -+"6 8ˢ * 3+ Uˢ .+6ˢ40ˢ*1:1ˢ.4<04 8ˢ,1*4 6 1* 2+8ˢ
0*1:.61ˢ6.6 -ˢ60 6.6+8ˢ" 6ˢ *1*ˢ0.*40-ˢ "". -ˢ:1"+*6.60-ˢ,/50 6+- ˢ .+6ˢ5.ˢ5. ˢ
044 6+-ˢ3+0 6+8ˢ0 6ˢ 0,056 8ˢ *ˢ ;5 ˢ51 6+-ˢ5 .6 8ˢ0.ˢ 0ˢ -50 .61 0-ˢ +- ˢ
-150 0ˢ 0/.,0 2.6+-ˢ .":.ˢ0/ " -.6 1*0ˢ .,ˢ 4 9* 6.60ˢ6.*6.-ˢ *<+ .-ˢ 4 +6 +8ˢ
?Q -+". 0ˢ*1*ˢ51 "0ˢ< *0,ˢ." .-ˢ: 40 ˢ ,1*,1 4 .0ˢ: .-ˢ 33.-ˢ ˢ * +".ˢ .-. ˢ
ˢ"+,71 +-ˢ -50 ˢ *ˢ3+14ˢ 671-.*ˢ +,,0 "0 .*6ˢ 6 2+6. .ˢ3+.0ˢ4 "4 1 +-ˢ
,.+ .ˢ 6ˢ0ˢ6 .4.6+ ˢ 0*.6+-ˢ5 1ˢ +.ˢ .5 0*6 .ˢ 0-ˢ"0: 8ˢ -1-0*6ˢ,1*6 .ˢ6.*6ˢ
5 *,5 8ˢ9 .6 .-ˢ5. :ˢ .,0 ,ˢ4020 0ˢ 3+14ˢ ˢ50 6 *.,60ˢ 0,+ 0*6ˢ0+-ˢ *ˢ.* -1ˢ
7.20 0ˢ .,ˢ40, 0: "0ˢ*1*ˢ 1"+-ˢ * +". -ˢ&0*06 8ˢ: ˢ.4 -0 0ˢ 04ˢ .,0 -0ˢ ""18ˢ
6.*3+.-ˢ 20""ˢ: 1".60ˢ 1040 0ˢ6. *ˢ ,.". - 61 6ˢ .+41 08ˢ60 .ˢ -. 3+0ˢ50 03+
4ˢ0.ˢ(0*.6+8ˢ5 .05. .6.ˢ1 .6 1*0ˢ 0 51*406ˢ 3+14ˢ.- , 6 .-ˢ(0" - ˢ0/ˢ 1040 0ˢ
0" 9 1 0ˢ .,ˢ 6*00 .ˢ 40ˢ,1"+0 *6ˢ 0+-ˢ 0ˢ.,ˢ,1* 0 0*6 .-ˢ +.-ˢ60 60 8ˢ7.20 0ˢ
40ˢ,060 1ˢ5. .618ˢ0/6 0-.ˢ3+.03+0ˢ60*6. 0ˢ06ˢ0/50 ˢ .*603+.-ˢ.4ˢ6. *ˢ * 3+.8ˢ
,6ˢ*1- *0ˢ 0 0* -.0ˢ 0 5+2" ,.0ˢ *4 9*.8ˢ,1*4 6 1*08ˢ - * 8ˢ .+6ˢ+"".ˢ ." .ˢ .ˢ
6 1*0ˢ.4 9.*6+ ˢ ;5 +-ˢ*03+0ˢ<+ 8ˢ + +"* .* ,ˢ0 "0ˢ*03+0ˢ +*3+.-ˢ -50 .ˢ
.-."+,71ˢ5. + 0ˢ 6 2+6+-ˢ3+14ˢ 505 90 *6ˢ 7.40*+8ˢ 50 1"+6+-ˢ ,060 .ˢ
3+.0ˢ1260*4.*6+ ˢ -." 9*0ˢ.2ˢ 8ˢ,1* 4. ˢ 3+ˢ 20""ˢ *<+ 6ˢ 90 0*4ˢ1,,. 1*0-ˢ
3+.0 .*6ˢ -."0 , .ˢ*0ˢ .4- 66.*6+ ˢ *ˢ5 *, 5+-ˢ5160 6.60ˢ *1*ˢ 0"0ˢ ˢ 04ˢ.4ˢ
01 +-ˢ1 , +-ˢ50 6 *0 0ˢ *0ˢ -5+*6.ˢ -.*0.*6ˢ 6.3+0ˢ+6ˢ * , . ˢ*1" *6ˢ 5 ˢ
.6.8ˢ3+1 4.-ˢ51 6ˢ0/,+ 1*08ˢ,1*6 .ˢ 0*.6+8ˢ -.*4.6.ˢ .4.8ˢ,".-ˢ *ˢ * +".ˢ". ˢ
6+ "0ˢ ,ˢ%+ ,18ˢ*09.60ˢ*1*ˢ51 "0ˢ ˢ3+ˢ".6 1*08ˢ,1*: 4ˢ *ˢ -.9 6 .6+8ˢ -.*+8ˢ
*, 40 *6ˢ3+ *ˢ 6.6 -ˢ<+ 61ˢ +55" , 1ˢ . 04ˢ " *6ˢ 5 1 *40ˢ<+ 6 6 .ˢ ,.+ .0ˢ 0618ˢ
"ˢ%+ ,ˢ *<+ 6.ˢ. -.ˢ * 0 .*6ˢ 0ˢ.4ˢ40 0* "1*0-ˢ5. .618ˢ .,ˢ 50 . 0ˢ 0+-ˢ616ˢ
,.". - 6.6+-ˢ3+.0ˢ0/ˢ01ˢ20""1ˢ 0,+6+ .0ˢ +*6ˢ<+ 6 -+-ˢ.,ˢ,0 6 " - -ˢ+"61 0-
6.ˢ4 - "+8ˢ +2.608ˢ3+ˢ06ˢ<+ " 8ˢ0 .6ˢ40ˢ *,0*4 1ˢ3+1ˢ5.+"1ˢ.*60ˢ. -.-0*6.B
+-ˢ ,1* ".9 .:0 .6ˢ 12 60ˢ ,19*1 00 0ˢ< 06ˢ .*ˢ .401ˢ .**1*.0ˢ .*9+ 6 .ˢ .0ˢ +?ˢ
-1 2+8ˢ 0 02.6+ ˢ".21 . 06ˢ 0 5+2" ,.ˢ 08ˢ.+60 .ˢ 6.ˢ7.206ˢ (+50 1 0ˢ.**1ˢ
4ˢ(056ˢ*140ˢ *60-50 6.ˢ.,ˢ,10"1ˢ 0 0*1ˢ6 08ˢ6+ 08ˢ *ˢ3+ 2+8ˢ5+": 8ˢ61 -0* ˢ
6. +8ˢ .,0 :.2.6+ ˢ!,+<+8ˢ .41ˢ.+6ˢ3+1ˢ,. +ˢ *,0 6+- ˢ *.-ˢ3+.*6+-: 8ˢ4 " 90*6ˢ
*3+ 6 1*0ˢ7.2 6.ˢ* 7 "ˢ ,0 6ˢ ,1-50 6+-ˢ0 6@ˢ 9*0ˢ,1*,0561ˢ60 ˢ 0506 61ˢ -506+ˢ
0:0 ".0ˢ +*6ˢ6.*61ˢ .91 0ˢ +6ˢ616.ˢ+ 28ˢ6 0-0 06ˢ 1 2+8ˢ+2 3+0ˢ 0:+" "8ˢ06ˢ 0*0 6 8ˢ
,1* .4 8ˢ ˢ .4ˢ3+0 *ˢ ,+*4 ˢ"04 8ˢ 050*60ˢ0/50 90 .4ˢ,+-ˢ +"- *.ˢ06ˢ .9 66.8ˢ
,10"1ˢ - ,.*6ˢ0- ".8ˢ5 -1ˢ, 040 0*6ˢ * 6 1ˢ 0ˢ41-ˢ,1*6 *+0 +*6ˢ .-.ˢ40 *ˢ
40ˢ. -.-0*6. 1ˢ *,0* 1ˢ0:+"9.6.ˢ5 14 6 1*0-ˢ:0 6ˢ.4ˢ ˢ . ,ˢ *ˢ. - 8ˢ.,ˢ
,+ 0 +*6ˢ 0ˢ ""+,0 ,0*60ˢ6.*40-ˢ + *.ˢ .55. + 6ˢ $ .06,ˢ6+ 0 8ˢ*1: ˢ - + ˢ
4 8<04ˢ06ˢ 10"0 6 *1 +-ˢ ,10*12 +-ˢ .,ˢ"1,.ˢ 5 15 *3+.ˢ1 - * *1ˢ 4 +6.ˢ +*6
+ .*+-ˢ155 4+-ˢ12ˢ:. 1 +-ˢ: 6 01 +-ˢ.4 - .*4+-ˢ15 0 +-ˢ*12 "0ˢ *90*6ˢ
ˢ4.-*1ˢ. 04+-ˢ0 6ˢ +550""04 "0ˢ1-*ˢ50ˢ 0ˢ .9 "ˢ ".ˢ +,,+ ".6 1*0ˢ,1* .4.
(04ˢ . 1ˢ4 : *.0ˢ5 1: 40*6 .0ˢ20*0 , 1ˢ .044 6ˢ +6ˢ6.*6+-ˢ///ˢ ,.4ˢ5+":0 0ˢ +"ˢ
+ 01ˢ155"06ˢ *ˢ 6 2+8ˢ "" 8ˢ6+ 2+8ˢ 0 "0*6ˢ 0" 3+.ˢ 5+":0 8ˢ 61 -0*6. ˢ: ˢ *ˢ
3+ *3+0ˢ6+ 0 8ˢ0/ˢ 1" 41ˢ".5 40ˢ5"+-20.ˢ". -.ˢ01*604.8ˢ5.+"1ˢ.*60ˢ0/ˢ(ˢ ˢ,1* ˢ
6-4.8ˢ,1-51 6.6.ˢ3+1ˢ .4+-ˢ0 6ˢ+6ˢ*.:."0ˢ+* :0 -ˢ 0 0ˢ.2ˢ *,0*4 1ˢ "".0ˢ
+-ˢ +0 6ˢ .<+8ˢ.2ˢ.**1*.0ˢ0. 6.60ˢ01ˢ.**1ˢ *,1- -14+*.ˢ + 6ˢ3+14ˢ5 +ˢ
!# ˢ "20 ."6.60ˢ 0*.6+8ˢ+6,+*3+0ˢ +55"06+-ˢ0 6

1 ˢ

" * .=. 0+8 A.40 . - .55+"0 .6 .2 041 0 % 1*1 A.40 .0 05 ,151 06?
) (,1* 60 06 *4 0. . 2. 91 . , 8 5 .0 0 61 71*1 ,0 0/ ,056+8 3+1 6, - 51 1
- .9*+ - 41"1 0 - . , :+"*+8 0!5+" " , . . , ,05 6 0/ 0 * . 4 . 506 03+ 6+ -
50 ." - .6 . - ,+ .61 8 - 1 60 3+ ." 3+16 0/ ,+ 1* 2+8 ,+ - 0" , 60 * %. , ,8
5+9*. 06 6.*40 - +, ,0 2+8 0".6+# ,+ - *0 - 8 0.*40 - "0. - 60*6. 06 5".9.
0/ 7. 6.0 4+ * 7+ - 0 1 . , ,056. - .9*1 + 0" 61 40 40 1 40,0 ""6 ,+ -
.**+ - 09 0 "+8 0 06 *,+<+8 "1,+ - 51 6 4 0 4 . 6 + J0 6+8 0 6 J.2* 8
0 .*." 8 06 +* :0 .0 ." - .6 .0 5 .0 0! 6+8 J .*, ,+8 . 2. +8 , 0.6+8 3+ .*
603+. - - .9 6 .6+ - ,.50 0 06 ,+ - 12 "06 0 +2 19.6+8 0 6 . 0*.6+ A1. . *0.
8 090+8 03+08 (. 4 5 1,+ .61 *60 0. G+ *+8 * 06. - $! S.
5 .55+" 6 +2 "+ 6 .6. ,". "0 ,+*4. .4 70" + - *0,0 ". . 6 - - 1 6+4 1 .4 - " #?U8
"/.2.6 %.*40 - + - - .0 &0*06 8 / : 6 0 - 08 3+ 2+8 616 40 - #$.6 , &0*06
5 .00 .*6 140 - 3+0 60 - 51 0 $." 8 .4 / : . .8 ;C.*6 1 1": 6 ,+ -
,". "0 / / , 6 0 - + - / / / 2 0 - + - 06 * 6 *0 0 %0*+ - * +". - 04 ,+ -
4. - *1 +1 :. 6.: 6 0, - +"61 51 6 +2.608 "09.6+8 %+ , ,+8 1* 6.+6 *151" -
04 6 5 4 0 4 . .8 (0,+*4+ - 7.0, + 6.57.8 ,+ - 6161 0/0 , 6+ ,". - 51 661
* : . - 0 404 6 / : S." A+* ,+ - 5.+"1 .*60 - 1 6+1 $06 1 U .+ 04.*1
&0*06 . + - 4+,0 . 0*.6+ 0"04+8 0 06 "1 "+8 1,0* ,+8 : 4 . .8 3+
.*60. (. , 5 1,+ .61 0 .66 3+1 * - + 0 0 4 + 04+8 0 6 (02. 6 .*+8 &0*0 +8
1 , ; .0 5 .0 04+8 (1"" 46.2.*6+ *60 0. .5+4 1040 .618 5 *, 508 .+/ " . 06
1 - .0 3+ 40 - ,7.0" (+ .7) 8 ,+ - 0. 40 0 .5+4 $ + - : .90 06 ""0 0 :
,0 - 0*.6+8 41"0 0 60 6.6+8 0 6 ,060 + - :070 - 0*60 ".06. 3+14 1, , . 1 0 1%
0 06 1040 8 <. - 4+4+ - 40" 40 .6 *60 7 6 .*18 5 *, 508 ,1*6 . ,1 - +*0 -
71 60 - .*, 0*4 06 3+.*3+. - .55. 0 06 - +"6 8 40 , .+ "8 5"0 1 3+0 0/ 8 *
104+8 .09 0 .+6 "0*60 ,1* 0* + 18 6. 0* 06 +. - 06 $7 " 55 150 . - +"6 1 40
6+ " 6 06 ,+ - * +50 &0*06 I40, - .8 :04 9." + - . ,0 416 1 + - 4 6 1* 8 +.0
,1*,04 * 71, 20""+ - 5060 0*6 0 .4 ,1* 61 + - 0".6. 1 - *08 +*1 1 0 . "0*
0 0 ".+4.6. 6. * 5 150* . 51*6 , 8 0 9. 0*.6+ - :1"+* .60 40 .6 *61* +8
$0 0*16+8 , . 4 *." 8 3+ ,1*6 .4 ,0 , *1* .+ +8 *+"" 8 - 50*4 8 5. ,0*4+ -
04 + - - . . , 0*4. 1 - * . ,0* + 6 +6 ;5 +8 . 7 6 .* 8 066*0 51 06 406 ?
- 0*6. 0/ " . . - . 1551 6+* 6.608 ,1*6 . 0/ 0 :.6. *9 "".6 - 50 0,+6+8 ,0B
60 + - 50 . ,0 2. 1 .6 1*0 &0*0618 * 04.6+8 0 6 3+18 6.*6+ - ." 0*. + - ,".4 + -
. , +*0 + - 504.61 08 1 - * - 0 ,1 4 . *4 9*18 4 / 6 4 3+.0 :0 2. A1
J .*, 0+8 1 - *0*41*+8 6"0*6 + - *1* 60*+ 6 06 0*+ - 0 .6 8 616 0*.6+8 *
040 - 1 - .*. - 20*0 , 8 . ,5 .0, 5+0 J 40 , .0 . 8 .4 1204 0*6 . - &0*0
61 + - 150 ,1.4 - 0 - 1 . * 1"0*60 - 2E .*:0"".* :070 - 0*6 . - 90*0 1 0 ,1*
+6. : $1*6 0/ 40 * .4 $7 " 55+ - 2"09.6 +41: ,+ - 6 %+ + - 0/ 0560 -
: 8 3+.0 61 0 - 71 - *0 - 5.*+ - 06 5 1 *40 "" . , ,056+ - 3+0 * 06 51 60.
0/ V 1*6 8 09." 8 . ,7 05 015.6+ 15+"0*6 " * 1 * (, " . . ,0 416 1 41*. : 6
8 090 - ,+ - 5." - 5 1 , 00 06+ 1 4+2.0 *.4+8 ,+ - 01 .9 6 06
51 6+".6. .+/ " . .2 01 - 506 .6 40 1040 0 0 .4. 04 *0916 1 * ,1 - - 14 +8
60 - 5+8 0<041 7.+412 0+ . 1 0*" .* - $7 " 55 " 9* , .6 1*. 3+ 50 4. ,+ -
; (5 *1 . - , . 4 *."0 - 8 + - - + - .+41 6.6 8 "1,+ - * ,1* " 1 09 1 126 *02.6
3+. - : 8 .4 :16. 51*6 , 8 .* - + - *," *. 06 06 * 20""+ - ""+4 1508 ,1* 0 06
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+"". -'0@+8 9 .6 . - ' ,+ - '20""1' E" . .60*"' *' : ,0 2+8 5. * .0 + 0 06+ ' 0"9 ,1' '
1 - *+8 50 ,+"1 1'5 0* 0 06+ '0/50 6+5 '< 06 - . 0'3+16 4 0 - +"6.' .'51*6 ,0 ' ' '
3+.0 *1*? - 04 1, 60 ' <+ .' . ,' <+ 4 4 1*0 - ' 09 . - ' *' 09*1' 0.51" 6.*1' 06
04 2".*0* ' 5 *, 5.6+ - *+.*6 . ,' ".20 .40*6 ' %.*40 - ' - ".' .' $7 " 551' . - '
5" " - .' - .*4.6.' . ,') 20 .' .4 J .*, ,+ - ' '$,0 , + - ' E .* :0"". *+ - ' , . 4 * ."0 8 '
3+ ' 1 - .0 ' 0 - *6 ' 06 A1. * *0 - ' =+*< . - ' ++ - ' .5+4 51*6 ,0 - ' 1 .61 0 - ' +6
104+8 3+ 2+8 ,1*4 6 1* 2+8 : + - ' +0 6 ' ,+ - ' 51*6 ,0 . ,' &0*06 8 <+*9.*6
Q 140 - ' 60 - 51 5' 0*.6+8 A. ,12+ - ' ,' (+50 .*6 + - ' .4 . / - " .*+ - ' .0 . 0 - ' - '
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6. - ' * 6 - + - ' + - ' 3+1' 6 *' *4+, 8 ' 60 - 0 0'5 1 :1, .6+ 6 - ' *09. : 6 ' E0 - .* .'
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34 8 W,' - *+8 *0,0 6. ' 20"" ' , .+""8 6 - +".*6 2+8 2.+4 5.+"1' .". 1 0 - ' .+6
5 1 - 56 1 0 - ' .4 . - .' , .5 0*4.' 1 0
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,+ - ' . 1"1' :' 06 $.+"1' ' . * *1'7+<+8 0, +" ' / / / : ' ,1* :0* ""0*6 ' 1 - . - ' 6. - 0*'
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6 6+"+8 40".6+8 0 06 ' 0/0, +6 1* ' 40 - .*4. 06 ' 8 .+60 - ' + - - +8 4+/' 0 "06 ' 3+0 - '
51*6 0/' 4 ,0 06 ' .' 40 0 ." 3+.*4 +' ."60 , .6+ - ' ,+ - '&0*06 ' 0 .' 50 506+1' - 1 0
+1' 0,0"%+ 18 *09<+0*6 ' *03+0 104+8 +"" + - ' 4+ 18 ' *?3+1' *1*' 0"%0*6 * . :08 ' :0/ "".'
. ,' 5 . 0 04+8 51*6 , +8 ' %.*40 - ' 51*6 0/' / ' 6 0 - 0 8 . - .6+ + - ' 0,05 6 '
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+ +8 70 ,' ,1*6 1:0 .' +21 6.' &0 06 8 40 *+ - 0 1' 6 0 - + - ' +6 * - 8 0/ 9+1'
3+0 6*6 2+8 06 +"504+ - ' ""2 ' 1"+ - *. - ' +6 $7 " 551' - +"6 8 40 , .+""8 .44 4+ - '
. - .*6 2+8 ' 04 6.*40 - ' +6 + - 3+0 60*+ 6 51*6 0/ ' +6 06 *+ - 0 1' 6 0 - + - '
5 1 - " 1' :0"+6 41*01' .4 0 90*4+ - ' :0/ ""+ - ' ,1*60*6 ' 0 0*6 &0*06 ' 06 40 1 '
"+ - * .0 40 ' 3+< - ' 0 5 .0 6 6+ + - ' 51*6 0/' . 02.6 ' - * - '4+2 6. 0*6 ' +6 3+0 *'
- +"6 8 *1 - * 2+8 12 6 4+ - ' 7.20 06 0*.6+8 ' .*6 3+ 6+X , : 6.60 41*.6+ - ' 06 *'
1 4 *0 - '5.6 41 - - ' .""04+ - ' (0, +*4+ - ' 7.0,' *' .040 '$06 ' ' 4 'A+* ' 3+ '
4 08 ' . *.7H0 ;5 ' * +".0 6+60". ' 0 6+8 0 6 ' - 1 0 1"0 - * ' :0/ ""+ - ' .' 51*6 ,0
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0,' ,0"%.2.*6 '%+ , ' . - ' $." 8 * ' +210.' . 6 8 . ,' 0 04 8 6 0 - 2+8 71 '
4+ - ' 60 ' *60*4 6 ' 06, + - ' *' 6 *0 0 0 , + - ' + 6.57.' 06 ." ,1*<+* / "06 ' 1 - *08
" - +"S."'A - '9 2 714+ - ' 60*+0 +*6 ' 4+ - ' *60 - ') "+C." 8 ' 3+ ' +*+8 0/' 5 - . '
6" 8 4+, 2+8 .20 .6 ' (, " .0 06 6." .0 " 61 .' ,1*6 *+ 8 0/, + ""1* 2+8 * 0 6. 06 ' 8
90*0 0 ." .20 ' .' %+ , 8 1" - ' , .56+8 . ,' 0 - 9 1' - .*, 5.6+8 ' 53 60.' 0<0 .6.'
"0" 9 1*0 7 6 .*.' - .9*.' .+4. , .0 . ,' 1 6 8 *4+ 6 .0 41, + - 0*6.' 4040 .6 ' 06 *' 0.'
.+".' .4 + - - + - ' . - 5" 6 4 * 8 . 6 9 + - 50 :0*0 .6
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& ' % ' V ,+ - ' 01' 0 51* 1' 8$ ' >3 ?!>21' 8$
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' ' - 1 .6.' 1551 6+*.6*' 0' 20*0' 90 0*4.0' 1,,. 1*0* ' 5 .060 - %0' , 04 61 ' %+ , '
,1*6 .' +2' 6 4++ - ' " 14 ' : 2+8' 0 , 0*4 8' - 50*40 + ' J * , . - ' 3+ .0' + 28' 0 6'
' 1 .' " , .0' 0/' .4:0 1' ;5 ' ,+ +.' 60*+0 5*6' 3+1 5040 6 08' 06' 03+0 6 08'
,15 .0' *' 20""+ - ' ;5 + - ' 40 6 * .6.0' <. - ' ,1* :0*0 .*6' 0" 3+1' 20; ' .55. .6+' .*60'
0140 - ' ,1 - 51 6.61' *60 0.? 4+ - ' & 0 * ' ,". 8' *' A.40 0* ' 51 6+' + 6 .'
5.*. - ' 1550 06+ ' ,1*6.9 1 .' +0' * 0 0' . " 4.' 0 6' 616' ,+ - +".6 8 +*0 2+8' +6'
- ""1' *+ - 0 1' .6 8' +55"0 ' 4. - *+ - ' 3<< 16 4 .*+ - ' 51 06' 6.3+ ' ,+ - ' 06' ,10" ' F
- +6.6 1*0' 06' 0/0 0 6.6 1*0' .4' 50 60 - ' : 6.*4. - ' 15+8' : 40 06+ ' 6.*4065 ' ,*.6+ ('
<+ +' 1 ,; . - ' 5 19 04 +*6+ ' ' 06' *40' + +8 ,+ - ' : 8' - 1 2 ' - 6 - 0' 02. 6 60 06
' 06. - ' :0 6 8' 660 ' ., +*6' ' *' 6 *0 0' 0 U' =.,;*671 ' 057."0* .' 06' ;6" 6 '
.,,0561' *' 0 - 9 + - ' +55"0 - 0*61' 06 .* ' ' . 9. R' . / ' 04' * 0" , ' ,,0 ") '
.' (1 6 .' $."".: , *4' 60*6.6.' 0 6' J0" , 1 ' (02. 6 .* 8' &0*0 ' 1 ,; .,' 5 ., 0 R'
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?' 5 4.+ ' ,1*< " 1' 06' *4+ 6 .' + +8' %+ , 8' 40<04 8' *' 5160 6.60 - ' 0409 6' 0 3+,'
,+ - ' 5 .064 6@ 5 + - ' . - + + - ' - 51 + 6' V /5+9*.6.' 06' S%.0*. .' +/28' .H . ,1'
G+ *1' *' 6 *0 0' ,+ - ' 6 0 - 2+8' *' 06. - ' 5 .0 - "2' A. - 3+0' 1"+ - *8'
$R0*1' 1":0*(' : ' 4' (0/6"' ? ;4 +*60 - ' .55+"0 .6' 3+1' + . - ' 06' 5.*. - '
,". "0 "' 1550 0*8' 0' ,1*6+" 6' ' L L
%' $ "8' :0 1' - 51" 6 8' *' *.:0 8 - " 6 2+8 .,5 .061 .* 8,+ - ,". "0' ,,//'
6 0 - + - ' J * , .U 1": 6>06' S."' (0/6 "' ;5 + - ' 60*+ 6' ' 6+ *'.4Y' (." * .8' 50 ' 16 + - '
*0 - *0' 12" 60*60' ,+ - ' - .9* ' ,0 6. * * 8' 0 - ' 5+6. 06' - ""60 - *' 60 . - ' 0/51 + 6'
&' 1*?' G+ *6 "' ;5 +8' * +".' 0/' .4:0 1' " , .0' .2' 0.' 5. 60' 3+.0' 0560*6 1 '
6 0 - ' 0 5 , 6' U) "; ,+ - '" *+ - 06# " , + - ' - . 0' 7.206' . ' 1,, 40*60' ' $. - 57;" 1'
- . ' .' - 0 4 0' 09;56 .,1 .2' 1 0*60' (; 1' , ,+ - 4.6.' .6 6+40' 0<+8' - 04 1'
"; - 51' - 1*60' +' ' 1 - * 1' 5 1 - 1*61 1' .4' 5 1 - 1*61 + - ' 3+14' 1" - ' + .8'
+,' ' E.661 + - ' 4 46+ ' 71,' 0 6' .' 0560*6 1*0' *' - 0 4 0 - ' 50' ' 5. '
6+ - ' 51 9 6+ ' 1*9 6+41' .2 ' ,. - .*60' 5 1 - 1*61 1' .4' " 4.8' 3+14' 714 0'
(' 6' *4 0.0' 5 1 - 1*61 + - ' .550"".6+ ' 60 .' 0* - ' *' .,+ - 0*' 40" *0*60' 50 ' ,' , '
6 60 ' 5. 6++ - ' ," 10/60*4 6+ ' $. - 2 6+' :0 1' " 1, ' 5. " + - ' ' ,1 - 5"04 6+ ' & 1 - .'
&0""0 ' .' :060 2+8' ,1 - 5. .6.' + 2 2+8' 06' 155 4 8' 515+"1" 8' 03+0*8' 06' . - 10* 6.60'
*60 ' 1 - *0 8' - 04 60 .*0' - . 8' * +".8' .,' 4 : 6 8' .2' .*6 3+ 8' ,1 - - 0*4.6.' 12'
43+0' &0 , ' ., .' Z' 3+. - ' 0' 0/' - . ' 0, 50 0' 040 - ' 7.20 0' ,1" ' 5 .0, 5+1'
71*1 0' 4 ,02.6+ ' *' ' 3< 40 - ' V' - .67+8' $.5718' ? ;670 .' 06' ;' 4." + - '
*0 - 18 *16.' 5106. - - ' ,. - * 2+8' $1 60.' .' ' 09 2+8' 6 - +' 7.2 6.6.' 5 24 6+ '
06' . .91 .8' *5 - 8' .2' 670* 0* 2+8' 12' : 6+60 - ' 4 "04+8' 06' . + +8' ,1 - - 0 '
- 1 .6+ ' 6 0 *40' 40 6 +4"1' $0 . 6 - ' - 50 1' +2' $61"0 - .0 8' 51"" ' "0/ .*4 '
*61 60 - ' + 6' . 3+0' .4? .**+ - ') ' ' "1, / , : ' 3+1' ' .61' ,+<+8' - 1 6,'
51 60.') 6 , .' *' ,.' *42 "R.6.' 0 6' 5 .061 .' 5160 6.6,' *' * +". - ' - "" 8' + 6'
4' ,+<+8' .4:0*6+ - ' $61"0 - .0+8' 1*; 6+8' 0/' 40"50 .6 1*0' " 2 ' - 1 60 - ' :0*0*1'
714 ' ,1* 0 : "0' 4 , 6+ ' 2.+4' 12 0+ .' (' $' G ' *: 4 . ' ,+<+8' 5.+50 6.60 - ' +6'
0(;56 - '4 : 6 8 .7 2". - 1,,+5. 06' 1) , 6. 0' , 5 0 ,' 3+ 4. - ' 7.' +6' .:. +8' <+8'
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; ' ?E%' V 54.+ ' 'J * ,.' - 51 6"8' '
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+ '-& . ' I]' 714 0' '/ ' ' ' ' ' ' 0 ' . ' / .' ' 13 ' '
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,/,0 "0ˢX#0 7 2 *6. ˢ - 1/ˢ ,1"",9 6ˢ .61 ˢ ^ ˢ *ˢ + 20 - ˢ 50 4.,0*418ˢ + - * .ˢ 40ˢ ˢ
,+ .: 6ˢ . - 5" 1 2+8ˢ 51" 8ˢ 1 - . - ˢ 0".6 8 ˢ 3+. - ˢ * ˢ $1 - 50 1 8ˢ ,/ˢ .ˢ 5.0*0ˢ ˢ ˢ
41 - 6. 051 6. "06ˢ ,+ - ˢ A 0ˢ"..14 ,1ˢ 11 - 6.6+ˢ *ˢ *)". - ˢ5 1 04+8ˢ *+" 8ˢ 6+*56 2 8ˢ
0 - ˢ ,1* 0 06ˢ ˢ A ,ˢ 0/0 , 6 2+8ˢ 6.*61ˢ 60 - 51 0ˢ 06ˢ 6. *ˢ "1*91ˢ 60 . 4 - ˢ 5.6 1ˢ
."0*4 8ˢ 616+ - ˢ 5.0*0ˢ .0 . + - ˢ 0/7.+ 06ˢ 2ˢ 01ˢ 60 - 51 0ˢ 1 - . * ˢ <+ 8ˢ ;5 +8ˢ
+ 6ˢ 06ˢ 51 60.ˢ +2ˢ 1* 6.*6 *151" 6.* 8 - 50 .61 2+8 ˢ 41*00ˢ 40 , 0*6 2+8ˢ * +?ˢ
".* 8ˢ . . ,+8ˢ 3+ 4. - ˢ 4+48ˢ <+1* *0ˢ 71 - 1ˢ , +40" 8ˢ 06ˢ .4ˢ 1 - *0 - ˢ " 2 4 *0 - ˢ 0 J0ˢ
&.6+8ˢ 0.ˢ 516 6+8ˢ 0 6ˢ 8ˢ *<+ 1 0ˢ 7.2 6 8ˢ ?ˢ J .*, .0 06ˢ *9" .0ˢ 09 * 8 ˢ 3+.0ˢ 0" ˢ
??\ 1* 8ˢ ,.+ .\ˢ 0 1 1" - .ˢ X 1 , ,02.*6+ ˢ ,+ - ˢ 14 + - ˢ + - - + - ˢ 5 *, 5+ - ˢ 7 ˢ
6 .*1 + - ˢ *ˢ 0 .460*4 "06ˢ ,. 418ˢ *9"1 + - ˢ 0/ˢ_ˢ4 6 - +".6.ˢ *ˢ6 .* 66+ˢ *<+ .ˢ
51 6ˢ 0/5+9*.6. - ˢ_ˢ$61"0 - . 4.ˢ : 0 8ˢ 01ˢ :0 6 6ˢ 0.5613+0ˢ . . ,1ˢ 06ˢ 1, , 1ˢ 9 +". - ˢ
*ˢ 5160 .60 - ˢ 0409 6ˢ< .,ˢ 5 - 1ˢ %0 - 5". 8ˢ 03+ 6 2+8ˢ :0 4 . . ˢ 40 *ˢ E+ 41* ˢ
+ * .*1ˢ 0/ˢ Uˢ +*1 + - ˢ 50 ""+ 6 ˢ .5+4ˢ *18ˢ 0* " .ˢ 0 1 1" - 6.*1ˢ 09 ˢ .ˢ
%0 - 5". 8ˢ 040 - 56. - ˢ 0140 - ˢ 5 06 1ˢ ;0*4 4 6ˢ 0.ˢ R90 ˢ +6ˢ 09* ˢ 0 1 1" - 6.* ˢ
<+ .ˢ 5ˢ 0* , ˢ . - 5.* .0ˢ ,1 - 6 8ˢ9 .6 . - ˢ0040 06ˢ ")0ˢ 9 6+ ˢ.**1ˢ"."+6 8ˢ ˢ ˢ
« ".4ˢ 51 60"" 1*0 - ˢ .4056+8ˢ 0 6 ˢ 0 3+0ˢ *0ˢ " 20 8ˢ 51 6ˢ 6 0** + - L - 1*+1ˢ " ˢ
<*0 ,+8ˢ .60 ˢ +, ,0 6ˢ .2ˢ 0* ,1ˢ .4R 0ˢ 09 8ˢ 6 6#"1ˢ * 69* 6+8 ˢ " - 0 ,+* ˢ
0/,05 6ˢ +91ˢ ""+5ˢ ,+ ˢ 0* ,+8?ˢ 06ˢ 05 01ˢ +91ˢ ˢ 06ˢ +91* ˢ +91ˢ ˢ 0/ˢ
0.40 - . - " .ˢ +400 60 0 ˢ 40 *ˢ +91* 8ˢ " ˢ A1.**08ˢ " +8 ˢ 06ˢ 0* ,+8ˢ ˢ 51 60.ˢ
A1.** 8ˢ .60 ˢ ?06ˢ 0. ,1ˢ *0ˢ " 20 8ˢ - 1 6+1ˢ +91ˢ :ˢ E+ 41* 8ˢ 0* , ˢ .6 8ˢ
" +8ˢ 09*+ - ˢ 60*+0 +*6ˢ 91* ˢ " +8ˢ $06 +8ˢ + 6ˢ ,+ ˢ ˢ$06 *+8ˢ +, ,0 6ˢ 06ˢ
$06 *1ˢ A.,12+8ˢ 0<+8ˢ 5.6 ++8 ˢ 3+ ˢ ,+ - ˢ $06 +8ˢ - 1 0 06+ ˢ .ˢ LE0*+0* 2+8ˢ . 6.ˢ 06ˢ ˢ
4 9.ˢ ,+ 614 .ˢ 680*+.0ˢ ,1 - 504 2*8ˢ 0 0 8ˢ 06 . - ˢ 4*<04 8ˢ 406 *02.6+ ˢ 6.*40 - ˢ
" 20 .6+8 ˢ J. - .9+ 6.ˢ E0*+0* 2+8ˢ 0+ - ˢ60 61 1ˢ +150 - .ˢ ,1 .0ˢ 0/ˢ ;5 ˢ
,1 1*.6+8ˢ "0 6 ˢ "11 6+13+0ˢ 12ˢ 4ˢ 60 - 5+8ˢ *60 ˢ %+ ,1 + - ˢ - .*+8ˢ 01*061ˢ ˢ
- 0* .0ˢ 090 ˢ 06+ ˢ 0/ˢ - 0* .0ˢ 06ˢ 0 1 1" - - ˢ 404. .6+8ˢ 0 6ˢ A.,12+ - ˢ
ˢ DA.*+8 ˢ 06ˢA.*+ - ˢA17.**08ˢ 1 4 *0ˢ 0/,050 +*6ˢ 3+ ˢ . "16. - ˢ 0/ˢ 0"0*.ˢ $.".01"19.ˢ
40 516.0ˢ $0"151**08 ˢ .ˢ *.6. - ˢ 06ˢ A.,12+ - ˢ *167+ - ˢ 0/ˢ ,1*,+2 * . ˢ 3+0 *ˢ51 60.ˢ
;5 ˢ. ,7 05 015+ - 4 / 6ˢ + 005 6ˢ . "16.ˢ 5 - 1ˢ A1.** ˢ $1 6+9."" .0ˢ 5 *, 5ˢ
+5 0 .6ˢ 06ˢ 51 6ˢ - 1 60 - ˢ 0"0.0ˢ - .6 8ˢ "1 1ˢ (.2.+41ˢ .ˢ 5.6 ,"1, .6.ˢ 0 6ˢ 40 *ˢ
40,040*6,ˢ A1.**0 ˢ 51 63+. - ˢ //& ˢ .**18ˢ 609*. 606 ˢ A.,12+8ˢ *167+8ˢ . "16.0ˢ
1 1 ˢ 40ˢ 09*1ˢ ,1*6 1:00 . - ˢ - 1: 6ˢ 06ˢ .ˢ (+"6.*1ˢ . - ."+,71 + - ˢ - 50 .61 0ˢ
.4<+6+8 ˢ "1 1ˢ 0<0461ˢ 09*+ - ˢ60*+ 6ˢ 6 2+6+ - ˢ 5. R+8ˢ ˢ 06ˢ 3+1ˢ 08ˢ +.8ˢ - .9 8ˢ *ˢ
* +".ˢ - . 06ˢ .67. *. - ˢ 1 *0" . - ˢ .ˢ 0*.6+ˢ &0*0 ˢ .4156.6. - ˢ *ˢ*/1 0 .ˢ
4+/ 6ˢ 51 60.ˢ ,+ - ˢ.**1 ."+6 8ˢ, 1, , , , ///ˢ - 1 0 06+ */1 0ˢ 9 .: 4.ˢ 0" 4". ˢ 1 - * 8ˢ
.4 - * 6 .6 1ˢ .40*60ˢ 09 *.ˢ *ˢ 0*.6+8ˢ&0*06 ˢ5160 6.60 - ˢ:0* 6ˢ< 3+ ˢ06ˢ .67. *.0ˢ
50 . ,+66 ˢ 1 *0" . - ˢ 5.6 0 - ˢ 06ˢ "1 + - ˢ8ˢ 0 - 2+ - ˢ .:+*,+"+ - ˢ 50 . 6ˢ +6ˢ
&0*06 .8ˢ 0ˢ ,1* 0 06ˢ< 3+1ˢ 06ˢ 0,+ - ˢ .44+/ ˢA.*+ - ˢ A1.**0 - ˢ 06ˢ . "16+ - ˢ 0/ˢ
12 " 26 6ˢ ,1,+2 * 8ˢ + 005618ˢ .ˢA.,121ˢ " 18 3`+ ˢ * 2 ˢ50 0 +*6ˢ " .ˢ:061ˢA.,121ˢ
51 67+ /1ˢ " 1ˢ 5. "4?.*60ˢ - 1 6+1ˢ 09*+ - ˢ 0*.6+ ˢ41*.: 6ˢ ˢ .4ˢ ,+<+8ˢ +, ,0 6 1*0 - ˢ
167ˢ " ˢ 3+18ˢ 4 / ˢ 1 4 *0ˢ .ˢ - . 61ˢ :1, .6ˢ +0 .*6ˢ 06ˢ 51 6ˢ 018ˢ 5 1/ - +8ˢ 0/ˢ
+ * .*.ˢ . - " . ˢ 63+0ˢ 71,ˢ 0 6ˢ <+8 ˢ 3+14ˢ 2 ˢ &0*06 ˢ *ˢ 01ˢ 09*1ˢ : *4 , .*< ˢ
3*143+0ˢ / ˢ 0 , 60 ˢ .**18ˢ .+4ˢ <+ 6 5 0ˢ 1 6. "0ˢ 6 6+"1ˢ 3+. - ˢ 1 - .* ˢ 1" - ˢ
60*+0 +*6ˢ 14 0ˢ 5 .0, 5+.0ˢ *ˢ 0.ˢ + 208ˢ $. - .9) 6.ˢ 6+ˢ - +* 6 "" - . ˢ 3+.0ˢ 1" - ˢ
% . 6+8 + 6?ˢ :0"ˢ +6ˢ 4 ˢ5+6.*6 ˢ (.". - * ˢ (; .*8ˢ :0 +8ˢ 1551 6.ˢ ˢ06ˢ *ˢ * +".0ˢ
ˢ ?ˢ - 04 1

- ˢ ˢ H- ˢ ˢ- !ˢ ,<9 ˢ ˢ ! !ˢ Aˢ ˢ !ˢ Aˢ ; ! ˢ<ˢ8 9 ! ˢ ‡ !
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' ,". " 8%+ 0 ,.' (." * .8' .55+" 6' *0U,0 6. - *0 ' 3+14 ' - * - 0'
02.6+ ' - .9*1' ,1". ' ' .*41" ' * +".0' 5 .0 4 8' 0 1 0 ' *0,' - *1 0' +90* '
,' (; * ," 6 , ' 1,. .0' ,1 - 6 8 ' 3+ ' - .9 60 ' 03+ 6+ - ' 01' 20 "1' , 0.6+8' + 6' < 3+.6< '
6+ - : 8' * 6.*60' 61 0' ' ."01*1 ' +6' - " 6 ' .' - . 48' <. 6.6 1*0' * .+ 0. *6 ' *'
,0*" 1*0' 1, ,+ 0 06+ ' 2 ' :' 1* ' G+ *6 " ' 0/51"661 ' - " 60' 06' .55. .6+' 20) ,1 '
+ 6.57.8' : ."" 1' 0? - +* : 6' ?.,' ,1*6 * + 6 ' 41*00' 0" 3+ .0' ,15 .0 ' .4' 3+ 8'
" , .' 51 6.*4.8' $." 8' 06' ." 8' 5 1 0 6 ' +0 .*6 ' .4:0* "%0*6 ' * ,+ 1 2+8'
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6 :18' 050 6+ - ' ,6 - ' ,+ - ' 60 8' 66 6 ' 3+ 2+8' ; 5 + - ' 6.*3+. - ' <+ 8' .* '
- ."+,71 + - ' 3+ 2+8' *' - 50 1' 671 - .* ' + , ,0 0 *6 ' 404 ' 51 6+".2.6 ' ." 13+ '
20""+ - ' * 0 6 - + - ' 40*+*6 .2.6 ' 4' 0. *' 40*+*6 .6 1*0 - ' 6.*6.' 6 05 4.6 1*,'
50 ,+ ' +*6' .* - ' +6' 40 20 .6+ - ' +0 6 ' +6 +3 ' 0"5 *40*4+ - ' " 60 8' 0"%06' <
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9+0*4. - ' 04' .4 8' 5 15+" .*4. - ' ,0* 02.6 ' $ - + - ' * ,1*) *14+ - ' 0/' .*41" '
0' ,1 .0' - 10* 2+8' ,1*6 *0*6 8' 6. 4 6.60' .1,056+ - ' .' 40 04 4*0' D 00 . 8' : , . '
*1 + - ' 3+ ' ,+ - ' 0' 1 - * ' .+/ " ' 50' 40 6+618' : 40 0*6 ' 54"" - 1' ,1*") 1' * ,1"+ '
- 6.60 - ' 2 ' . ,' 02+8' + 8' 5.4 ' *' %+ ,1 + - ' 40 - ' ,1* ,0 0 0 ' 0/0 - 5"13+0' +1'
: , . *18' - 1*6.*18 ' +6' 0.40 - ' .6 1*0 2 ' ,1* +"0 0*6 ' 50 5+"0 0 ' G+. - ' 50 4 . - '
*0' ,1*6.9 1*0' 0 50 06' - 1' ' .0 . 0' % 0* 1' ,+ - ' "1 ,' 504 6 2+8' 40"04 8' .*41"+8'
+"6 8' 0 6' 40"061' 5. 3 ' +6' 0:0 6.60' +"6 1* 8' ,060 ' 4060 0 0*6+ ' $." 8' 0/' " , .'
0:0 +8')' 0 .+* . - ' + 20 - ' .4' " 6+8 ' 3+14' 0560*6 1*0 - ' 0 5 , 6 ' ,1 - - 0.6 2+8' 0/'
,1*6 *0*6 ' 6 .< , 0*4 8' 1551 6+*. - ' &0*061' 5 .0 64 1?' 40<041' 6, ,+5.6' %+ *' 40'
.6 1*0' 20"" ' \90 0*4 ' *60 ' 5+ 5+ .618' 06' ,060 18' 20"" ' 4+,08' ,1* +"6.6+ ' ' 06' ." 8' '
3+ 40 - ' J. - .9+ 6. - ' .*60' 1 - * .' 5060*4. - ' ,0* 02.6' 3+14' 0.' , ,+ - 0 ".' 06' - 1/'
, .56. ' 3+14' *6 .' / / ' .4' + - - + - ' 4 08' + 20 ' +6' . 02.6 ' 0/5"1 .6.' 0 ' 51 %0' *' 0'
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+2 4 8' *60 ,"+ .' 2 0; ' ,1 .' 0/' 40 50 .6 1*0' *' 5160 6.60 - ' :0* 06 ' 04' 0 '
5+9*.2.5' + 6.57.8 ' 06' .' ,1 .' * , 5 0*4+ - ' . 02.6' ' 3+.0' + 28' 402 " ' 5 .0 4 1'
60*0 06+ ' 06' *1*4+ - ' 50 04 8' *+* 6 1* 2+8' , 6 +8' , .5 ' 51 06 ' 3+ .0 ' ' .4' J. - . '
9+ 6.0' 12 4 1*0 - ' 4 +6< 8' 7.0 0 0*6 ' 2 0: ' *' 6.*6. - ' ."6 6+4 *0 - ' 06' - 6.60 - '
04+, ' 51 "0*6 ' +6' * +"".' : ?' * +""1' 71 - * + - ' 7+ - 0 1' 0/5+9*. ' + 60' 51 "06 ' 3+.0'
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0/ / / ' 6 0 - + - ' 20"".61 2+8' 5"0*. + - ' 0 - .*0 0' <+ "+8 ' 3+. - ' "R ' ' , . +8' 0. 0 '
7 6 .* .0' ,". "" ' .+/ " 1' : * 0*6 ' 1 51 6+ +8' 0 "06 ' + 6.57.8' 0 - ' 60 .' 90 0* '
4. - ' + 0 5 6 ' 06' /' S. " ' (0/6 " ' 60 ' ,1 . - ' *6074 6 ' G+1' ,19* 61' a .*41"+8'
6.6 - ' J. - .9+ 6. - ' - 66 6 ' 4 ' 6b 0 - ' ."01*+ - ' 5. +"1' .*60??+6' + 2 ' ,+ - ' + - - 1'
20"" ' - 50 1' 5 .00"%06' .2"09.6+ - ' ,+ - ' .+/ " . 2+8' . , ,0 6' &0 + - ' ."01*1 '
* ,0 6+ - ' .47+,' 0"%0 ' 3+1' 71 6 8' 60740 06 ' 4 4 6.*60 ' 06' 0+ - ' - 1 0 - ' %+ ,1 + - '
0 "0 ' +6' .4' ." . - ' + 20 - ' 0' . , ,0 + 18' 0 - 1* 2+8' 4 0 .*6 ' ." 1' , . 6 .' 5 1* .1:0.* '
5 .0 4 . ' 0' 0/ ,+ . +*6 ' 0,0* 6 8' .+60 - ' ,15 8' * + - 0 .6 ' 7+ 6' ,1 .0' , 1 ?'
6." ' - 0 0*608 ' 3+1 + - ' 5"0 3+0' - 1 2 8' * : ." 4 ' 0 .*68' 0/' * +"4* 8' 40"04 2+c'
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. ' ' ' = 3>)2 '!' '3G+'"' !('1' =31')?"9' IE' +
' ' 5' ' ' ! ' '8 !C ' ' ! # ' "# ' '0)' # ' ! ' ' " # '
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5 16.0ˢ 03+ 608 ˢ 0<+ 40 -ˢ *.6 1* 8ˢ 504 608ˢ , , ˢ 61 - 0*6. ˢ * +".*ˢ , , ˢ 6."ˢ ˢ
ˢ 5 1,0 08ˢ .,ˢ *12 " 6.60ˢ *"69*08ˢ : ˢ ˢ *+ - 0 1ˢ +0 +*6ˢ +6ˢ 23"".61 + -ˢ *+ ˢ
A6 0 +8ˢ 3+1 + -ˢ 5"0 3+0ˢ - 1 2 8ˢ 406 *02.*6+ ˢ .4ˢ ˢ . , ,040 06ˢ 3+ 2+8ˢ .44ˢ
51 +*6ˢ : , 1ˢ .9 0 6 + -ˢ 150 ˢ ., 0*41ˢ 40 6 *.61 + - ˢ 5 .060 ,.ˢ 10 - *.0ˢ 5+0 ˢ
,6ˢ - 24" 8ˢ 5"028ˢ ˢ 71 - *+ -ˢ 0 , 02.*6ˢ 4ˢ + 20 -ˢ : ˢ S ."ˢ (0/6"ˢ .4 - 16 8ˢ
,15 8ˢ 5 - .ˢ ,+ .ˢ + 6ˢ *+ - * 8ˢ ,1*, " .*4ˢ 5 0, 2+8ˢ +55 , .6 1* 2+8ˢ 0@+* 8<
ˢ .00+*60ˢ J .*,ˢ 1*6. 0*1ˢ $.57ˢ 05 ,151ˢ ˢ 3+ ˢ 12 0"%18ˢ 7+ - .* 8ˢ 5 .0 4 8ˢ
:0 +8ˢ 0/60 *+ -ˢ 71 60 -ˢ 5. + -ˢ 6+618ˢ 4 ,02.6ˢ * "0ˢ *6+8ˢ 21*.ˢ ,1* , 0*6 .ˢ 06ˢ
5 15 1ˢ *+ - *,ˢ - +* 0*6+ ˢ 6.3+0ˢ *1/ 8ˢ 0/5 .6ˢ .4ˢ 0/6 0 - .ˢ 3+. ,3+0ˢ +2 ˢ
0+*4.ˢ 0ˢ ,1 - 5. .*6ˢ $ - cˢ 0 +56 1* 2+8ˢ *4 0.8ˢ D 1 60 +8ˢ 5 16.ˢ 6 0*++8ˢ
1 4 *+ -ˢ 4+41 ˢ 40 40 .6+8ˢ 0 6ˢ ,1 .ˢ "1,1ˢ 5 .*1ˢ 6.ˢ *ˢ - 04 1ˢ * +".0ˢ 1 - .ˢ
16+*4.ˢ 0/ 9+1ˢ "". -ˢ *60 "+0*60ˢ . - *0ˢ 3+ ˢ 5 15 1ˢ *1 - *0ˢ ,. 0*8ˢ E .0, ,ˢ
4$16. - 18ˢ :1, .6+ ˢ / ˢ 5 15+9*. ,+" 8ˢ 5 1 - *0*6 2+8ˢ +6ˢ <. -ˢ /5 .ˢ 4 / - +8ˢ 06ˢ
1".ˢ - +* ˢ ,1056.ˢ 0 .6ˢ 3+ 2+8ˢ *1 - *.ˢ U$141, .6. + - ˢ 3+14ˢ - 0 4 0 -ˢ 504 .6ˢ
,+ˢ *ˢ 1 0*60 -ˢ 60*40*8ˢ ˢ 1* 6.*6 .ˢ 5 1/ - + -ˢ 0 6ˢ 51 6ˢ ""+4ˢ .: ".ˢ 06ˢ 40 *0058ˢ
,.060 .ˢ 71,ˢ 1 4 *0ˢ (% 51" 8ˢ 1, . + - ˢ +". ˢ G - *+ - . 2. + - ˢ .+ 04.*+ -
6 + - ˢ . . .ˢ $1 6 8ˢ 6 2+8ˢ *6 .6+ ˢ 3+. + - ˢ 3+.0ˢ (." *. + -ˢ .550"".6+
. . .0ˢ 06ˢ $141, .6. 1ˢ *60 <04.ˢ 0 6ˢ - 0 4 0 -ˢ :0 +8ˢ ˢ % 1<.*. - ˢ 3+.0ˢ 1, , ˢ
40*60 -ˢ 504 .6ˢ % 51" 8ˢ 06ˢ 1, . + -ˢ , *9+*6ˢ 60 6 .ˢ 3+.0ˢ 3 . , 8ˢ *1 - *0ˢ *4 ˢ
906.6+ ˢ *60 ˢ G+ *+ -ˢ 06ˢ . 2. + -ˢ 0560*6 1*ˢ 52< , 6+ ˢ %+ , ˢ 4+.2+8ˢ 5. 6 2+8ˢ
,. 6 . - 06.6ˢ +*6ˢ < .4ˢ . *.0ˢ .*+ - ˢ 06ˢ ˢ E01 9 ˢ ,10*12 + - ˢ %+ *ˢ 51 63+. -ˢ
+ 20 -ˢ 3+.4 5. 6 61ˢ *: .40 0ˢ 40, 0:0 +*6ˢ "+ 6 .61ˢ 0/0 , 6+ ˢ *ˢ 3+1ˢ 504 6+ -ˢ
, ˢ 03+ 6+ -ˢ , 2ˢ 1 - *ˢ - +"6 6+4 *0ˢ .4<+*4. ˢ .4ˢ , - " .ˢ , .5 6.ˢ *+ - 0 .ˢ
2.*6 - ˢ 6.ˢ - +* .ˢ 5. 6 6ˢ *60 ˢ 0ˢ +*6ˢ +6ˢ $141, .6. + - ˢ "0/.*4 *0ˢ 5+ 5+ .61
.: ".ˢ 2ˢ + . 0 1ˢ % 51" 8ˢ *ˢ 0 : 1ˢ 3+.6 0*4.ˢ 5 15+9*. ,+".ˢ 12:0* 0*6ˢ 1* ˢ
6.*6 . -ˢ + 6.57.8ˢ .4<+*41ˢ 2ˢ ."ˢ + - 5 6ˢ *0916 1ˢ 4.60ˢ ,060 8ˢ 5+ 5+ .6 8ˢ +6ˢ
4+ -ˢ + 28ˢ 3+.6 6+ ˢ *9+"ˢ 40ˢ ,15 8ˢ 2ˢ .66 2+6 8ˢ ,ˢ 03+ 608ˢ 616 40 - 3+0ˢ 504 608ˢ
4 0+ - - 66.*6ˢ 3+ˢ + 20 -ˢ 120+*608ˢ 5 17 20.*6ˢ *0ˢ 3+.ˢ +2 4 .ˢ .+63+ 4ˢ ,1 - - 0.6+8ˢ
*ˢ "". -ˢ - 51 6. 06+ ˢ 2 0"" ˢ ,+ -ˢ <. -ˢ - * - 0ˢ *,0 6+ -ˢ 0 06ˢ J. - .9+ 6. -ˢ
.* ,1 . -ˢ 71 6 8ˢ 506 6+ +8ˢ 0 06ˢ ."01*+ -ˢ 60 + -ˢ 06ˢ .+/ " .ˢ .ˢ J. - .9+ 6.* 8ˢ
51 ,+*6ˢ 04ˢ 06ˢ "R ˢ 3+.ˢ 40ˢ ,.+ .ˢ *,0 6+ - ˢ 5 9 + -ˢ 0ˢ .4ˢ - 50 .ˢ 5 .02+ 6ˢ
4+ -ˢ *60 - ˢ %+ , ˢ ,1*6 *+.6 8ˢ 150 2+8ˢ 06ˢ .990 2+8ˢ 5 14+4 8ˢ 01+ 3+0ˢ 5 1,0 0*6ˢ
+6., 05 4 *0ˢ *1*5 1,+" .20 0*6ˢ 6+ - +" 8ˢ 06 . -ˢ .4:0 8ˢ $141, .6. + - ˢ .: ". - ˢ
,6ˢ 1* 6.*6 . -ˢ 5 15+9*. ,+".ˢ 0/, 6.6 8ˢ +*40ˢ * 0 6.ˢ .9 66. + -ˢ 9 .*4 *0ˢ *ˢ *1 6 18ˢ
<.,+".2.*6+ ˢ %+ *ˢ - + 1ˢ , 05 4 *0 -ˢ + 6 *0*60ˢ 50 1 .60ˢ 1 . -ˢ *9 0""ˢ 5 1
5+9*. ,+".ˢ + 140 0ˢ .99 04 +*6+ ˢ "1, 8ˢ 0/, .: .6 8ˢ *ˢ 3+ 2+8ˢ .2ˢ 4 2+8ˢ 6+6ˢ 6090
2.*6+ ˢ 9 .4 2+8ˢ 06 . -ˢ *ˢ + 14 0*41ˢ 0/ 6 +4 8ˢ 3+ 2+8ˢ ., "0 -ˢ 2ˢ .4ˢ - +* 6 1*08ˢ
. 00* + -ˢ 6 .:0 .*6ˢ + 6.57.8ˢ 3+ 4ˢ : + - ˢ 3+ 4ˢ .* - ˢ 60 -ˢ 12 0 ˢ 7.20 0*6ˢ
50 ,+"+ -ˢ .4+ - 8ˢ 06ˢ ,+ -ˢ 01ˢ "0/.*4 .0ˢ 5+ 5+ .6+8ˢ 50ˢ - +".6 1*0 -ˢ + 2 8ˢ
<+6.ˢ 155+9*.6 1*0ˢ .99 04 0*4.0ˢ - 506+ -ˢ .00 0ˢ * 6 6+ 6ˢ .4ˢ 1* 6.*6 . ,ˢ 06ˢ $141 ˢ
,.6. ˢ 5 15+9*. ,+".ˢ ˢ 04ˢ 4 5. ˢ 6ˢ +, ,0 +8ˢ *. -ˢ ˢ 3+ˢ $141, .6. + -ˢ 60*6. +*6ˢ
.ˢ 40 0* 1 2+8ˢ 6.6 -ˢ 05+" ˢ + *6ˢ 3+ˢ :061ˢ 1* 6.*6 . -ˢ 6+02.*6+ ˢ *1*ˢ 0.40 -ˢ
.+6ˢ : 9 ".*6 .ˢ .+6ˢ : 6+60ˢ 71 60 -ˢ + 6 *+0 0ˢ 04ˢ "1,1ˢ .4ˢ 5 - . -ˢ : -ˢ 6.6 -ˢ 40 0 61ˢ
50 + - 50*6 2+8ˢ %+ , 8ˢ : . -ˢ 0,0 0ˢ .+ˢ 1 6+*.0ˢ .:1 0 -ˢ + 90*608ˢ *ˢ .7+ -ˢ 0* /
9*+ -

2 $ 2 # ˢ - / !)$ 2 ; # " $ 2 , ˢ ˢ ; # 2
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9*+ ' *' + - * 1' 5 15+9* . ,+"1' 6.6++*6' + - - "" 8' .' 5+ 5+ .61' 0, . 6 2+8' .4<+6
' &0 - - ' 1, ,+ 0*6 2+8' 0 ,+"0' $141, .6. 1' 06' *4 0.' .' (50" 1' 5 . :0*6 + - ' +9.'
5 - 0' 6 6+ ' 40 *' 06' 5 .0" + - ' 0 6 6+ 6+ ' ,+<+8' 8' 0/ 6+8' + 6' +6' %+ , ' 40' - + 1'
406+ 2.6' 6.*40 - ' .:0 60 0*6+ ' *60 - ' %+ , ' *+ - 0 1' +50 1 08' 06' ,1*6 *+.'
4 5"1 1*0' .+6' .9 66. + - ' 9 .*4 *0' 5 .0 4 . 18' 150 .8' D * 0 6.*60 8' + 902.*6'
2 0 ' :0 1' ,1*6 .' 6.*6+ - ' *+ - 0 + - ' .6 8' 7.202.*6' 0' 40 0*40 0' *' . , 0*4 '
- + 8' 06' - +* 6 1* 2+8' .4' +6+ 08' - 506+8' ,1*6 *+.*4 8' 09* 1 08' ,+ - 2' . 2 +8 '
,+<+8' : 6+60' . ,' ,1*" " 1' 08' 90 ' 402+0 .6' - .<0 6.60 - ' 9* . : .' ,1 +5 "06' 0c' 5 1 *40 '
- *+8' .5+4' - " 60 - ' " ,0*6 1 + - ' .+ 61 6.60' .+6' - 50 1' : ."0 06' <. - 3+4 , + '
1 - * + - ' *' + 20' 06' : * ' 5 .0, 5+0' .4' 40 6 *.6.' 150 2+8' ., 0*4 8' , .5 6.' *0,4 . '
+ - - .' 50*+ .' 0 .6' +6' 150 .' 5. " - ' 402 " 6.6 8' ,1 51 2+8' *60 * . 660 0*6+ '
3+0' 60 6 .' .4 ."01*+ - ' "09.6 1' 40,0 * 6+ ' - " 1' A1. * *0' .56 6.' ' (. * ,1"+ - 2. *1'
6 0*+1' - " 6+ - ' 4+41 0' 3+.0' + 6 .' + 6' *1*' ."01*' 406 04.6 1*0' 04' 5 .0" 4+ - '
<+ 2 8' 50 6 * . , . ' 3+ ' + - - ' 4+, 8' .4:0*6+ - ' * 7 ' .+6' 5. + - ' 08' ,1 0* + - ' +2"0 '
: .6+ + - ' 4 ,02.*6' ,1*6 .' 08' J. - .9+ 6.*1 + - ' , :0 + + - ' ' 3+ 550' 3+1' 4 0040*60'
- " 608' 4 ,0 ' 0 0*6' 06' 155 4. * ' ."+60' 40"50 .6.' 02+8' + 8' ,1* +"6+ ' 3+14'
0 51* + - ' 5"+8' .4' 12 0"%1 + - ' . * - 18' 40< , 0*418' : ."+ 6' 3+. - ' 3+14' *' " 60 8' 5 .0 '
4+ - ' 0 56+ - ' .4' ""18' 0 90*418' , 1' %+ ,1 + - ' 3+.0' : , 1' 5. ++ - ' .' J. - . '
9+ 6.' ,1* 040 .*6' .' ."01*1' *" 4 8' , ,+ - :0*6.' 06' 40"06.' 0 "0' 4+12+8' - "" 2+8' 0/'
"" 8' *60 04 8' *' 3+ 2+8' +0 +*6' 4+1' 7.*4' 12 0+ ' *1 - * 8' 5 .061 08' 9* .3+0'
3+.04. - ' , .56.' .<+8' 1".6 + - ' 12 0 8' + 6' 3+14' *' " 60 8' 3+.0 +2' 460 - 5+8'
.' 5 .0 4 2+8' - 1*6.*.0' 09 1* 8' - "%.0' +76' 50 0 56+ - ' 0 .6' .4' ,' - 1 6." + - '
' *' 018' - 1*608' &0*06' *1 - * 8' 6+4 1 1 + - ' 0' +24+/ " 0' 3+ ' 0/ ,+ 0*60 8'
%+ ,18' 06' 515+".6 1 2+8' .63+0' * ,0*4 8' 1 - * .' : . 6.*60 8' . * - 1 0' 050""02.*6'
.2' 5 8' :0 1' .4' "1' . - 5" +8' A1. * *0' (; * ," 6 ,1' 4+ ,0' 6 +, 4.618' %+ *' 0 *0*60'
- " 60' 3+14' - 10* 2+8' * ,"+ ' 71 60' *+*3+. - ' *1*' - 140' 60*6.61' 04' *0' 3+ 40 - '
5 15 +8' * 5041' 5.+".6 - ' ,1* ,0 0*6+ ' *+""1' : 6+6 8' 04 61' . , *1 , ' *03+0'
6.*3+. - ' : ' 04' :0"+6' 50,1 .' - .4. 0*6+ ' 01 + - ' 3+0 0" 8' 0+' 5 0, 2+8' : 4 '
5 .0" 408' 06" ' .2' 0 +56 1*+ - ' ., 0*4. + - ' ,1*" " 1' 12' ,15 . + - ' 5.+, 6.60 - %0 - 50 '
.271 +0 .*6' 6.*40 - ' - " 6+ - ' . 41 ' *4+"90*4+ - ' 6.6++*6' ' 06' ,+ *' .0 . '
% 0* +8' 71 6 " .' 61 - 0*6.' ,1* 90*4.' + 005 06' ".+4.61' 0<+8' ,1* " 1' , 1' 504 '
6+ - ' 06' , , , ,' 03+ 608' 5 16.8' 0 - 66' 5". ,+ 6' ' 0 3+0' .4<+*4 ' E 091 +8' $.*60+8'
`+' D 1* 6.*6 .' 06' 0 1* ; - +8' ' ."0""+8' 3+ ' % 1< . * .' 51 6.' - 506+ - ' 0140 - '
60 - 51 0' .,0 0*6' + - ' 8' 0 .*6' .0 . ' ' $ 1:0* .' & ,0*6 *+8' V 2 1, . ' "09.6+8'
"20 6+8' (,16+8' ,1 - 08' ,1". +8# E .40* ,+8' = . * *06+8' . *41"+8' 06' .99 +8'
03+08' - . ,7 * . + - ' 06' 6 +0*4. + - ' - +* 6 1*+ - ' 50 6+8' ' 5 0' .0 . ' ,+ - ' : '
6."1 + - ' 9* 8' (." * . + - ' 51 6.' 09 0"%+8' 50 ' 1"%. - ' .4' $16. - + - ' . , ,0 + +8' 0 .6'
3+14' 06' - 5 9 0' 0/ 0, +6+8' 0 6' 04' ,+ - ' *' 60 - 51 0' 03+ 6.6+8' 3+ ' 0' 5 .0 61'
0 "06' *1*' .4:1". 06' .*41"1' *09.*60' .4' 504 6+ - ' 40 50 .6. - ' ."+60 - ' 03+ 6+ - '
4.40 - ' .440 0' :0""0' % 0* +8' *+""1' *1*' : 6+6 8' 06' . .0' .+4. , .0' .41' 50 ,+"1 '
51"" 12 6 *.6+ - ' ,0 6. - 0*' 5 .0' ". 6+4 *0' : 4+8' 6.*40 - ' *60 , 6+ ' 06' ,+ - ' 01'
A1. * *08' .56 6.' 0 61, +8' 06' "20 6+8' (,16+8' ,1 - 08' 6 0*+ ' 1 4 *+ - ' 4+41 08'
"1*90' - .<1 ' %+ ,1 + - ' ,".408' 04 6. ' 0/' 3+ 2+8' .4' , 1' ,0, 4 0' 01' 4 0' ,1* 6.6'
,+ - ' 0/' *1 6 8' 6.*6+ - ' / / ,' 40 640 .6' " *6' 4' * , 4 6' *' / : ' S." ' (056' 2' 01'
60 - 51 0' .2' 0 +56 1* 2+8' .2 6 *+0 0' 12 0 " ' 3+.*6+ - : 8' 1, . 1' ,1 - 60' 5 16. + - '
4+,0' :1, 0 .*60' 0+ - 3+0' 06' 71 - *08' 1260 6.*60' +1 + - ' 3+1 + - ' *+"") 8' *6 .
* 10* .

. ' 5' ' ">!+"' 8 ' >' 3 ' " !+"' ' +
% $ ' \\' 46' ' 8 ! /$! "/ !$ 2 ; !# $ G' # ' ' ' J6 $
)' ': # ! '; , ! ' !#" ' K !#' ' 0 # ' 49 ! ' C ! ! # ' 8 ! ' L' ## I' # ! 5

(%) ʼ ʼ

-10* .ʼ+ +8ʼ 6ʼ .2ʼ03+0 6 ʼ150 . ʼ 3+.ʼ+*.ʼ:."0.*6ʼ 0 5+2" ,.0ʼ" .:.74.ʼ5 17 20 ʼ ?ʼ
60 0.ʼ$." 8ʼ +6ʼ 40ʼ 7 6 ..ʼ ,". "0ʼ ,19*1 ,0 06ʼ 714+ -ʼ5 19 04 6+ ʼ 06ʼ *40ʼ ʼ ʼ
.ʼ 06. -ʼ - " 8ʼ :ʼ6 0 - 2+8ʼ ' ,.56 3+0ʼ." 3+16ʼ * +".* 8ʼ ,19*1 , 6ʼ,". "0 -ʼ&0*06. -ʼ
1". -ʼ *ʼ 06. -ʼ .55+" "%0ʼ - 152 8ʼ 06ʼ 60 - 50 6.60ʼ 3+. ".6. - ʼ .,ʼ : ."40ʼ 402 " 6.6. - ʼ
03+0ʼ 5 +8ʼ 1"+6+ . - ʼ 3+. -ʼ 0ʼ "5. 0* 8ʼ ,". " 8ʼ 40ʼ ,+ +8ʼ .4:0*6+ʼ *00 6.ʼ
. -.ʼ 0 .6ʼ 0ʼ ,1*<+*/ "06ʼ ʼ 3+1ʼ *+*, 1ʼ ., 0561ʼ 6.6 -ʼ *ʼ ;5 + -ʼ 0:0 6 +
:0ʼ.ʼ5. 60ʼA1.**08ʼ *4 0.8ʼ + .ʼ6 0 - 0 8ʼ 09 .8ʼ 0/ʼ1 - * 2+8ʼ 6." .0ʼ51 6+2+8ʼ
F 0 .*. -ʼ ,1*6 ./0 .6ʼ *0, ʼ " :0ʼ * 6.ʼ ,+*4.6 1*0ʼ :0ʼ3+14ʼ 6.ʼ *ʼ - .*4.6 8ʼ.ʼ
< +" 551ʼ 7.20 ,6ʼ +"" 8ʼ .6 1* 2+8ʼ .44+, ʼ516+ 6ʼ 3+. - 6+ - : 8ʼ * 6.*60ʼ 51*6 ,0ʼ
+6ʼ .*60ʼ .,,056.ʼ *1:.ʼ .ʼ$7 " 551ʼ - .*4.6.ʼ 1":0 06ʼ G+.ʼ *ʼ 0ʼ6. - 4 +ʼ 60 - 51 8ʼ
* + - 56+ -ʼ0 6ʼ 4+ -ʼ ,"."" 8ʼ &0*06.ʼ <. - 4+4+ -ʼ - 1 2 8ʼ 06ʼ ." 8ʼ *,1 - - 14 6.6 2+8ʼ
. 4.6.ʼ1 - * *1ʼ ,1* ,0 06+ ʼ 06ʼ *+6 " 8ʼ .4ʼ 0 -ʼ90 0*4. -ʼ 0440 06+ ʼ *1*ʼ *0ʼ
-.* 0 6.ʼ 5.*1 + - ʼ - 1 .8ʼ *ʼ&0*061 + - ʼ3+1 + -ʼ 02+8ʼ *: 402.*6ʼ50 * , 0 -ʼ
. 0 6.*6 + -ʼ *: 4 .ʼ %.*40 -ʼ/ ʼ S."ʼ (0/6 "ʼ + .ʼ 1": 6ʼ 06ʼ ;4 +*60 - ʼ +2ʼ
1"+ - *.ʼ 5 + -ʼ0/504.*8ʼ +2 6 60 .6ʼ *1*ʼ 5 +8ʼ 3+. -ʼ +*40: ,0 - 1ʼ 51""ʼ 4 0ʼ
50 :0* 6ʼ +*40ʼ ,1*<+*4 8ʼ : 2+8ʼ 1":0*608ʼ - ? +8ʼ 1 - " 8ʼ * +" 8ʼ3+1ʼ0/504 6 +8ʼ
60ʼ,1* ,0 0*6ʼ 0,+*4.ʼ *.: 9.6 1*0ʼ + ʼ *ʼ 06.0ʼ ,1* 504+ -ʼ :0*0 0ʼ ʼ S."
(056 ʼ06ʼ6 411ʼ51 "ʼ *ʼ ʼ - 57 - .""ʼ *+ʼ3+ʼ*+*,ʼ (+4.051 6+8ʼ4 , 6+ ʼ12: + -ʼ
7.2+0 0ʼ ʼ G+ *+ -ʼ .ʼD=4*01ʼ ,+ -ʼ : ʼ6 0 - 2+8ʼ - "+ - ʼ %+ *ʼ *60ʼ 6 0 8ʼ
+ - - 18ʼ4+,08ʼ ,1* +"6.6+ ʼ 06ʼ ,+ -ʼ&,*06ʼ5 3 - ".ʼ 051 ,0 0*6ʼ 06ʼ04+4.ʼ,". "0ʼ
+6%+ ,18ʼ. ,1 .0ʼ12 4 1*0ʼ .:, 60 0*6ʼ ,+ -ʼ01ʼ ,1* " 9ʼ4020 0ʼ ,1*60*40 0*6
+ .ʼ + +8ʼ ,+*4. ʼ06ʼ *1:.8ʼ - 1 .8ʼ. 04. 0ʼ 6 0 - 0 8ʼ +.8ʼ1 - *ʼ 0ʼ *0,0 ". .ʼ
* 6 +4.8ʼ1 60*6. 0ʼ 40 -ʼ 0ʼ *ʼ&0*06.ʼ ,". "0ʼ .,, 0ʼ :0 + -ʼ0 "0ʼ ,.+60ʼ .,ʼ9 .: 60ʼ
*ʼ6.*6.ʼ 0ʼ *ʼ 3+.ʼ40,+8ʼ 0/ 6 - .6 1ʼ .,ʼ616 +8ʼ 0 5+2" ,.0ʼ 7 6 .*.0ʼ ."+8ʼ :0 ʼ
6.6+ ʼ .90*4+ -ʼ : 40 ʼ .,ʼ 5 +8ʼ 40ʼ 71 60ʼ ,19*1 ,ʼ 4020 0ʼ 3+. -ʼ 40ʼ +* :0 2ʼ
,0 6. - *0ʼ40" 20 06+ ʼ J04.6.ʼ + .0ʼ - 1 .ʼ ʼ 1"+ - *.0ʼ 06ʼ &0*06 8ʼ 3+. - : 8ʼ
.4ʼ ,0 6. - 0*ʼ 5. .6 8ʼ *0,0 6.8ʼ *<04.ʼ0 6ʼ12 03+0*4ʼ0<+8ʼ ,1* " 8ʼ - 66+*63+0ʼ
4+.8ʼ6 0 - 0 8ʼ 3+.0ʼ4+ -ʼ 6+ʼ06ʼ 04 6+ʼ - 1 .*6+ ʼ + .ʼ+6ʼ1 - *0 -ʼ.+/ " ʼ 50 -ʼ
5 .0, 40 06ʼ , 02 1ʼ *60ʼ 0 - 1, *.*4+ -ʼ .+4 6+8ʼ0 6ʼ ,+ -ʼ4 ,0 06ʼ .6 1*08ʼ 09 8ʼ
+ ʼ 6.ʼ 0 0ʼ +6ʼ *1*ʼ 5"+8ʼ6161ʼ 4 ʼ:0 60*60ʼ ,+ -ʼ "" 8ʼ 0 "0ʼ 51""6ʼ (0,+*4+ -ʼ
7.0,ʼ ,+ -ʼ "+08ʼ 3+.0ʼ&0*061 + -ʼ ,". "0 -ʼ7+0ʼ + 3+0ʼ405. 6.ʼ +0 .6ʼ *0ʼ3+ 40 -ʼ *ʼ
06.ʼ 0 - "06ʼ 5".,+ 6ʼ ,". "0 -ʼ .4ʼ 5.+, 1 08ʼ6 0 - 0 8ʼ ,1*6 .70 0ʼ 6.ʼ +6ʼ ,". " 8ʼ
1 - * *1ʼ0 06ʼ 6 0 - + -ʼ/ ʼ)ʼ 1 6 .6. + -ʼ - .<1 8ʼ 1 - .0ʼ+* +8ʼ ;15. 1* 8
. ʼ 1*0 . . + -ʼ .4ʼ 20""+ -ʼ * 6 +4. + - M - ".0ʼ 06ʼ . 5.67+ -ʼ + 3+0ʼ6 0 - 08ʼ
3+.0ʼ 40ʼ 71 6 + -ʼ 02+8ʼ ,19*1 00 0*6ʼ ,+ - 3+0ʼ 0/ʼ *,1" 8ʼ 7 6 .* 8ʼ ,1* 6 6 "06ʼ
,". "0 -ʼ 71 6 "0 -ʼ ʼ .4ʼ 6 0 - + -ʼ *+ - 0 + -ʼ 12ʼ 0.*40 -ʼ ,.+ . -ʼ ,1*6 .4. -ʼ
0 "0ʼ + +8ʼ :. .6+ -ʼ0 6ʼ *ʼ ,1* " 1ʼ 0*60*6 8ʼ .*ʼ<. -ʼ *," *.*60ʼ .0 6.60ʼ +"60 +8ʼ
50 90 06+ ʼ ' 06ʼ + .ʼ <+ "" 8ʼ +. -ʼ 0*60*6 . -ʼ 0 561ʼ ,1 - 5 070*40 0ʼ 018ʼ .2ʼ
0/504 6 1*0ʼ,1*.6+8ʼ 0 6ʼ 4071 6. ʼ 7 8ʼ5 .0, 5+0ʼ .6 1* 2+8ʼ ' 3+14ʼ ,". " 8ʼ 7 6 .*.ʼ
71 6 "ʼ - 5. ʼ0 06ʼ 0 - 9 1ʼ06ʼ - " 60ʼ :. .ʼ 50 60ʼ .2 + - 561ʼ 06ʼ *ʼ *9+".8ʼ6 0 - 0 8ʼ
,ʼ20"".61 2+8ʼ 15+8ʼ4 "06ʼ 5 .060ʼ 0 - 9 + -ʼ .,ʼ *.:."0 8ʼ 1, 18ʼ 3+ ʼ *+ - 0 +8ʼ 5 +8ʼ
. , ʼ4020.6ʼ3+. -ʼ40ʼ616 8ʼ : 2+8ʼ5+9*.*41ʼ40,0 *.6+ ʼ 6.ʼ3+.0 6+8ʼ. 04.6.0ʼ
,+* 6.6 1*ʼ ,1"1 ʼ 3+066ʼ ʼ *61* +8ʼ 1"+ - *.ʼ5 .0 0*6 8ʼ : 6+6 8ʼ5"0*.ʼ1 .6 1*0ʼ
4 0+ 6ʼ ,+ -ʼ*0,ʼ.401ʼ * - . -ʼ 7 6 .*1 + -ʼ ,". "0 -ʼ4 ,0 06ʼ :0" ,+ -ʼ 8ʼ 5 8ʼ
402 " 6.6 8ʼ 3+.8ʼ5 1ʼ60* 51 0ʼ 7.20 06ʼ 3+. 3+0ʼ .+90 ʼ * - 8ʼ 0 + -ʼ9 "06ʼ ,15 8ʼ<
,6ʼ%+ ,18ʼ 3+. - : 8ʼ *+* 0 1ʼ +50 1 08ʼ - +"6 8ʼ 02+8ʼ * 0 1 08ʼ 0 "0ʼ ,1*60*40 06ʼ
+6ʼ 3+ ʼ*0,ʼ5. 0 -ʼ*.: + -ʼ*+ - 0 + -ʼ7.20 0*6ʼ *0,ʼ. - 8ʼ .03+0ʼ R " +4ʼ .+6ʼ5"+60 8

60 6 5 9 ".66 0""076 , : 6 0 - 0 8 "".8 - 6. , . 60""1 +* 0 - - 0*648 616
- . 4 * . - - , . 5 . ,08 - . 9*+ - : 41 . - - 1 - 0*6+ - 7.20 0 < 06 051 ,0 0
40 - &0*0618 3+ $7 " 55 06 51*6 , 8 5 1 - 8 ,1* 616. - .0 6.60 - 70 ,
,1* + - 5 0 *6 06 "1 0*6 "" - . - 4. "0* 3 . - %+ 48 1551*0 0 516+ %0*6 4+ -
2, 1 + - , .6 . 60 - 5+8 60 +*6 ,1 +50 *6< - .9*+ - 3+0 0/ 4 +6 +* 1 0 - 1 . .4
0/ 6 - .6 1*0 " 406 - 0*6+ - ,1 0,76 + - 516 616 4.408 .%+ , 8 . , , 056
70 , +2 3+R3+ 4 - . 6 - . - - 15+* 7 6 .*+8 1 2 8 7.206 ,1*:0*R *3+ 02.6
1") - * . *12 8 40 +0 - +8 * . +50 1 08 4.408 5.+,1 + - 4+,+ - ."5.,
."" 9*. 516+ "0 70 , 3+ ,3+ 4 50,,.2 6+ * ,1 - - +*0 4040,+8 06 - - -
<. - *+ - 0 1 71 - *+ - . , *. : + - 3+1 *18 %+ ,18 6650 . "0 %0 - 50 :0 7 - I0 6
04 : 6+60 .63+0 *4+ 6 . - "6. 3+. 018 : * ,0 0 .*60. 0/ 6 - .2. - ?71 "
6+ 5 60 ,1*,0406+ 6.3+0 2 6. 0 0*60*6 . - ""+4 ,1*" " + - 03+ 3+14
40,+8 . - . 0/ 6 - .6 1 0"9 1 1 , + - 408 - 51*.6< *0, ,1 - - 660 0 +6
4+ - 9*. : 504.61 08 040*6 - .9*1 7 6 .*.0 0 4. - *1 06 - .<1 0 4+,+ -
* . - . ;5 +8 &0*06 8 .4 - .6+ $1 - 50 +8 1"+ - * . 06 ":. +8 D ."".*+8
(+, 8 - . ,7 1 0.51" 6.*.0 4. " 8 5 .0 04+8 40 - 0* 0 0 %+ * + . 3+
+.8 . 6,8 . - 5" +8 5 1,040 0 *1* : 40 06 06 3+ +.0 0*60*6 . , . 6 5+".61 0 -
6.*6+ - A1.*)0 - . 41*. - ,". " 8 (,+".0 5 .0 04+ - 7.2,2.6 0 5. .6+ - 1 60*
40*8 06 . - 40/6 + - ,1 *+ 2 4051 , 6 6.*40 - 3+, 5 1 04 1 40,0 * 6+ < A04
<. - 0 +8 3+. - +6 * 60 - 51 0 12 0 8 5 .0 61 0 "0 51 "06 *. - + 6.57.8 ,+ -
7+0 + 3+0 "0: 2+8 5 14 8 *4+ 18 ".,0 " : "06 +6 .6 9.618 .4 404 6 1*0 - ,1 -
50""0 06 6+ * 50 .9 66.8 * + 20 - R0 .8 - - 66 6 3+ 2+8 79* ,.2.6+ %) ,18
. : ,.5 0*4. + 20 * 7+*, 4 0 - .2 6 *+ "0 3+14 * 5 1 + - - .*+ 6 3+1 616
- 1 6." + - ,.5 6 2+8 6.*6.03+0 + 2 8 0/, 4 1 5. ,0 0*6 04 <. - - " 6+ - . 41 0 -
. - 5" +8 ,17 20 *1* 51 60 6.3+0 62 - .6+ 0 ,1*" "0 0*6 ." 13+ *1* 1 0
6. 4 1 510* 60*6 .0 "1,+ - ./ 06 * S." (056 3+.6+1 5 15+9*.,+". - +"618
4 08 .*60 5+" .6. 5.** 8 504+8 6090*6 2+8 40,+ 8 0140 - 60 - 51 0 .99 04 +*6+
.,0 - 1 50 4+.8 71 .8 ,1*6 *+.61 5 10" 1 3+14 .4 0/6 0 - + - *1/ 4 0 - 6
,, "68 ,1 - 5"+ 2)8 0/ 71 6 2+8 04 43 - + - ,19* 6+ - 0 6 4 - *+61 40 0* 1 + -
+ - 0 1 06 40 50 .6 8 . ,". "0 06 J. - .9+ 6. 8 .+/ " 8 <. - *1 6 28 - 5. 08 0 "0 .4
) 20 - 6.*6. - ,1*6 . *+ - 0 1 + - .401 0/0 , 6+ - 6+0*4. - 6.3+0 . 5 .0 04 8
- 1*6.*.0 09 1* 8 50 " 60 .8 /, 1 71 - *+ - 0/ 1 - * *+ - 0 1 40"04. + - - 66
506+*6 .6 1*0 - 3+0 ., 60 - 5+8 .4 + 20 - 6+61 .,,040*4 ., " 9*+ - 040*4+ - "" 8
40 - 1* 6 .*6 :0 + - *60 ,056.8 .%+ , 8 " 60 .8 *16 8 ,1*:0*6 8 0/. .6.8 ,+ - 0.8
*60 5 06. *1* 51 "0*6 ,+ - . " 8 " 60 8 .9 66.0 .**0/ 8 * + 20 - 0 - 66+*6 3+ B
2+8 0/6 0 - . 3+.03+0 - *.2.*6+ * 404 6 1*0 - 0 .4+ 18 0/60 - 5"1 51*40.*6
" 8 .,,056 8 5 .0 408 ,+ - 06 50 .61 + - .+/ " 1 + - ,.56. 05 61". 50 - . - " "0*6 06
+"6 - + - 0/ 6 + - 2 - 50*40 0 : 45 0*6 :. 0. 04 6 - 6 ,+ - 6. - 0* 0 51* + -
1 4. 06+ + 6.57.8 08 .4 + - - . - 0/5+9*.6 1*0 - 5. .6 06 51 6 ,+ .6.
,1 51 . - " 608 "9*1 4.61 .4 3+.6+1 5 15+9*.,+". ,1 - 51 61 1 4 *0 : - . , +*6
6.*61 - 506+ +6 ,+ - 51 6 0 - 5 - 18 + 90 0*6 5 - 1 ,1** /+ * + - - . -
- +* 6 1*0 - 504+8 6090*60 - 0:. 0 *6 2 ., 60 +6 *3+0 5+9*.6+ - 5+ 5+ .6 8
5" 8 * - 04 . 5+9*. :0 .*6 2+8 06 0,0*608 0 - 50 0 8 .+6 .+, .6 8 + - - 6
60*6 2+8 04 *140 60 + - ,0 6. - 0* 4 0 - 56+ - + 6 - .<1 0 *+ - 0 1 0/ 71 6 2+8
40 40 .61 04 50<1 0 *1 6 1 + - ,1*4 6 1*0 $7102+8 =.55. * 01 ,1* " 4+
40 40 .6+8 06 U% 51" 6.*+8 ,1 - 08 504.6.0 *60 +18 : 6+6 8 4+/ 5 - 1 ,1*
4+ 9 .: 60 :+"*0 .6+8 0 6 0/ 013+0 :+"*0 0 - 1/ 40,0 6 + 6.57.8 :0 1
3+ - " 60 <. - 0 - 0" .63+0 60 + - 05+" 1 - 5. 0 - 0 .4 0/5+9*.*4. - + 20 -
3+ -

ʻ #ʻ

,+-ʻ 8ʻ 3+.8ʻ 7.202.6ʻ : 2+8ʻ : 40 06ʻ .4ʻ $."6*ʻ ,". "8ʻ 5 .0 0 " *ʻ - 66 6ʻ 06ʻ ʻ
+2 4 1ʻ - "(0 -ʻ + - - 66ʻ 506 6ʻ ,+<+8ʻ 150ʻ +* +8ʻ 4 0ʻ 5.6 1ʻ 0 -ʻ ,16 ,ʻ 51 "0ʻ ʻ
40 - 1* 6 .6ʻ $."8ʻ 06ʻ *: 6+8ʻ .00 06ʻ +6ʻ *,0 61ʻ 40ʻ 7 6 .*.0ʻ ,". 8ʻ .4:0*6+ʻ)(
,"."%0 -ʻ 20"".61 2+8ʻ 0/ *.* 06ʻ 6. - 0*ʻ + 6.57.0ʻ 1260 6.6 1* 2+8ʻ 4+8ʻ - 1 0 -ʻ
90"" 6< 06ʻ 406 .418ʻ 0/ʻ *9+"8ʻ 6 0 - 2+8ʻ ,ʻ. * .618ʻ ?3+ʻ / / , 2ʻ 61* R 02.76ʻ 4+,0ʻ
."ʻ .4ʻ 12 4 1*0 -ʻ - 66 6ʻ : ʻ 4ʻ (056 ʻ 3+ 2+8ʻ : 2+8ʻ ,16 6 - .6+8ʻ + 6.57.0ʻ
51 6 4 0ʻ ,+*6ʻ 5 .+-ʻ 4 "+,0 ,0 0ʻ ,105 "06ʻ 1 - *0 8ʻ ,. 6 8ʻ : , * 8ʻ 0" 4 8ʻ *ʻ. - 8ʻ
ʻ <+206ʻ 3+1ʻ : 2ʻ :+"9+8ʻ ,+ -ʻ %+ ,18ʻ .4ʻ 4 ,0 1*0 -ʻ 0ʻ ,1 - 5. . 0ʻ 2ʻ 506 +.ʻ
(- 6ʻ ." 3+.*4 +ʻ ".06+ -ʻ - 1/ʻ +6ʻ 71 60 -ʻ - + 1ʻ +,,040 0ʻ .* - .4:0 6 6ʻ 2 0:ʻ
9. + -ʻ *ʻ 6 6 6. -ʻ .,ʻ 40 50 .6 1*0 -ʻ :0 6 6ʻ . -ʻ : /ʻ 0/ʻ 1 - *ʻ *+ - 0 1ʻ . - 8ʻ
0 0*4 8ʻ 41*0ʻ ʻ *ʻ + 20ʻ 0" 3+ʻ 0 .*6ʻ *ʻ 3+0ʻ : /ʻ ʻ 6."ʻ 3+ʻ : 9 " 8ʻ
".21 1+8ʻ .,ʻ - 10 1 0ʻ ,1 6 04ʻ <. -ʻ .4ʻ - +* .ʻ 120+*4.ʻ *:." 4ʻ 06ʻ 5 9 ʻ 0 .*6
6.3+0ʻ ,+ -ʻ + - - 1ʻ - .*0ʻ 3+.6+1ʻ 5 15+9*.,+".ʻ 0140 -ʻ 60 - 51 0ʻ *&.40 0*6ʻ 3+ʻ
.4ʻ $141,.6. + -ʻ : -ʻ ., 02.*6ʻ 40 0* 1 08ʻ 1 - *1ʻ 05+"618ʻ *.4ʻ *+""1ʻ ,0 6. - *0ʻ
"1,+ -ʻ ,.5 +36ʻ 6.6 1*0ʻ 0 0ʻ 126 +*,.6.ʻ 3+ʻ 6 05 6+ʻ 0/, 6.6ʻ 0ʻ +9.ʻ 0/ 6 1ʻ 0 5+0 0
W6 *6 .ʻ 06 .4+ -ʻ *6 1 +8ʻ - + ;*ʻ 04ʻ *1*4+ -ʻ 50 04+ -ʻ ,1* +90 + 6ʻ 2 3+0ʻ
.,,+ 0*6 2+8ʻ 0/ʻ + 20ʻ .+/ . 2+8ʻ ." 3 . - 4 +ʻ +0*6 + -ʻ %+ ,1 + -ʻ - 506+8ʻ
06. 4.6+8ʻ 0 6ʻ 04ʻ 1,. 1ʻ 3+ʻ ʻ 0/ʻ 5 1/ - 1ʻ 41 - , "1ʻ .4:1".:0 .6ʻ *60ʻ 5+9ʻ
*.*4+ -ʻ :+"*0 0ʻ 0/.* - .61ʻ 0" 3+ʻ 0ʻ *ʻ +9. -ʻ 6.6 -ʻ ,1*< , +*6ʻ 4ʻ 6 05 6+ -ʻ
,6ʻ .*41"+8ʻ 5 .0 08ʻ 3+ʻ .4ʻ (."*. + -ʻ 51 6. -ʻ 0/. 2.2.6ʻ 06ʻ ,+ - 01 $.57ʻ
05 015+8ʻ 03+ 8ʻ ,1* ,0* 8ʻ .4:1".*6ʻ 6.6 1*08ʻ , ,+ - 0) *608ʻ 06 1 - *08ʻ .4ʻ 5+9*. -ʻ
1 6 6, ʻ,.50 0*4. -ʻ .4" 1 6.*608ʻ 04ʻ - 1/ʻ 05 ",, 1ʻ 06ʻ ,+ -ʻ 01ʻ ʻ $.*1ʻ 4+ -ʻ 71 6ʻ
*9 +0*6ʻ 1 6 60ʻ 0 6+*6ʻ 0 *. 41ʻ 1". 1ʻ ,1".1ʻ 0 1*; - 1ʻ %71 - .ʻ
ʻ & ,0,1 - 60ʻ 0 (;*,"6 , 8ʻ .6 2+8ʻ 06ʻ ʻ $.".6 1 5 1ʻ ,. 6 1 + -ʻ - .9 6 1ʻ 1,, "8ʻ
- .<1ʻ *1 6 1 + -ʻ .* - 18ʻ 5.:1ʻ *,0 6ʻ .4ʻ ,060 .ʻ 6. - 0*ʻ 5 15+9*.,+".ʻ ., 60ʻ
5+9*.2.6+ʻ ʻ <. - 3+0ʻ 60 ʻ %+ , ʻ 05+"ʻ +0 .*6ʻ 04ʻ 50ʻ $141,.6. + -ʻ *9 +0*6 2+8ʻ
71 6 258ʻ 06ʻ <. -ʻ 06 .41ʻ *6+8ʻ -) 1ʻ 516 6 8ʻ 55 4.*ʻ 5 - 0ʻ ,7. 6.6+ -ʻ - 0 - 1 08ʻ
*ʻ 41 - 08ʻ 3+ 3+0ʻ +.8ʻ 4 +9 0ʻ "ʻ 3+.U ""18ʻ 50 6ʻ 0 50 0ʻ 51 0*6ʻ 6."ʻ 3+ 2+8ʻ
+) +8ʻ " 20 1 + -ʻ .+6ʻ ,1<+9+ - ?ʻ 0"504+8ʻ 0 .6ʻ ., 60ʻ ,1*6 .ʻ 5+9*. 0ʻ 06ʻ %+ , 8ʻ
+2 3+0ʻ 1,,+ 0 0ʻ 04ʻ ,+ -ʻ *+ - 0 1ʻ : 700 0*6+ ʻ 5 .061 .* 8ʻ 3+14ʻ 0 6ʻ 5 .0, 5++ -ʻ
%+ , ,.0ʻ - "6 .0 12+ ʻ *,+ - 20*6 2+8ʻ 7+0ʻ ""+,ʻ 4 5.*6+ ʻ 06ʻ .*41"+8ʻ 3+ 40 -ʻ
ʻ 0/6 0 - 8ʻ . - 1 1 0 -ʻ 0ʻ 90 0*8ʻ 3+. -ʻ * 6 1ʻ 0ʻ 4 " 90*60 -ʻ 5 .02+0 .6ʻ .4ʻ
1 + -ʻ ,15 .8ʻ ,1*6 . / 6ʻ 3+1ʻ .4:0* 0*8ʻ *4 0.8ʻ $.+ +8ʻ 5.6 , +8ʻ &0*06+8ʻ 5. + -ʻ
.2 + 6ʻ 3+ *ʻ 71 - *0 -ʻ 6 41ʻ 9".4 1ʻ ,1* 140 06ʻ 3+14ʻ 50ʻ 0<+8ʻ 9*.: . -ʻ .4+ -ʻ
4 ,0U,6ʻ +6ʻ + 28ʻ *ʻ 71 6 + -ʻ - .*+8ʻ 40:0* "06ʻ 2ʻ ,0 6.6+ -ʻ ., 60 ʻ 5+9*. - 3+0ʻ
.*41"+8ʻ 4 +6 +8ʻ + 6 *+ 06ʻ * "05ʻ 5+ 5+ .6+8ʻ 6.6 -ʻ 01ʻ : ʻ 61 - 0*6.ʻ ,1*:07ʻ
,+ . "06 ʻ 3+1 + -ʻ 4 5"1 1*0ʻ * 0 6.6ʻ 5 .0 4 . ʻ .4ʻ 5 .061 + -ʻ ,1* +90 +*6ʻ 12ʻ
0 .6 8ʻ 1 2+8ʻ 0ʻ .4ʻ 40 0* 1*0 -ʻ 5. .*608ʻ 04ʻ - "2ʻ .ʻ 5+ 5+ .61ʻ - 1*.,71ʻ 3+ʻ
1 - *0 8ʻ 3+ʻ 0 .*6ʻ *ʻ .04 2+8ʻ ʻ 50 6 *., .0ʻ *0 -ʻ .,0 0*6ʻ .,ʻ 0ʻ * 0<+8ʻ 5160 6.60 -ʻ
6 .40 0*6ʻ .":18ʻ 1 0?ʻ 51*40 06ʻ 4+ -ʻ 04 6ʻ ,+ -ʻ 71 - *0ʻ .ʻ .*41"1ʻ - "2ʻ
%+ ,ʻ 0 .4 8 1 2 SI5 .061 + -ʻ *9 04 +*6+ ʻ 06 1 - *0 8ʻ : "8ʻ "0/+8ʻ 5 6 - 3+0ʻ
5 .0 40 -ʻ 126 +*,.*6ʻ ".5"ʻ *ʻ : , .18ʻ - 1*608ʻ " 1* +8ʻ 9ʻ .9.4 *+8ʻ A1.*
$7 " 55+8 ʻ + 9*.*+8ʻ # J".6 .8ʻ J".6 +8ʻ =.*06+8ʻ 1608ʻ 06ʻ 041ʻ =.*06ʻ
#ʻ 6.ʻ ,.56.ʻ .,ʻ 4 056.ʻ + 20ʻ 51 6ʻ ʻ 4 0 + -ʻ 155+9*.6 1*0 -ʻ *+"".ʻ .**1*.0ʻ
. "6ʻ 20"" ,ʻ .55. .6+8ʻ ,15 .ʻ 40 , 0*60ʻ *+""+ -ʻ , +40" 6.6 8ʻ .:. 6 .0ʻ .,ʻ *0 .*4.0ʻ
" ʻ 2 4 * 8ʻ *ʻ : 1 + -ʻ - .6 1*. + -ʻ : . *+ -ʻ .,ʻ 5+0 1 - -ʻ *90*+1 + -ʻ ,1 51 .
ʻ 5 .060 - "%+ -

+), ʻ 2 $ 2; ! $ 52 ! #2ʻ % $ 9# " ʻ 2 ! # ʻ 7; 66ʻ A
ʻ (! $ ʻ ! $ # # ! ! $ ʻ (# ʻ ʻ (# $ ʻ %)
! ʻ 1ʻ

5 .060 * +-'0 6' *40 + 6.57.8 6.6 -' ,1 .' '5 .0 4 1' .6.' + 2 3+,
+ .570 1' 5+ 5+ .61' 5 .055" 61' .,' 0- "2 *' 4. "0-' .4 $."0-' +55"0-0*61'
J.-.9+ 6.-' 4+46' ' 013+0 3+. 6 8 ,. 6 8 50 :0* 6'/' S." ' 6' ,1*:04 8 0,+-'
' '(' -.,7 * 8' 3+.8 06 0,+-' 7.202.6' 06 ,1" .0 *:0*0 .6' 2' .*60 1-* .'
.*41" ' ,.5+6 .' 6 +*,1' 0:+"+-' 7. 6.0' ,' "6 .9*1 , ' 51 06' .4 60 1 0-' 12'
0""8 *,+6 0*4+-'5 151* 6' .,'J.-.9+ 6.*' *+*, 1' 40 ,".40 ,1 0* ' .,,0561'
.*60 15- .' -+"6 6+4 *0 20""1' *+6 "' + 20 7 0/1*0 .76' &3' ' -1 6."+-' 3 ' 0/'
, ,5-51 6 8 5.9 8 *' 0. *' ,1* "+/0 .*6' 0- "8< 3+' .' %+ 48 20* 9*0.,' - 60 '
0/,056' *' +.8 41-18 *: 1".6' 4 - ""' +*6' %+ , ' :0 1' 3+' 40 7 6 .*1 -'
,". "0 * 7 " 0/5"1 .6' 7.20 0*6' 0.' 40 0 -./ -0 1"" 4 6 # .,, ."02 * 6*' 6.0 '
4 " 90*6 .05 .6.-',+-': '6 0- 2+8 - *1 2+8 5,,+".6+-' - 66+*6 ' 3+' '
5 1 04+8' ,.5613+0 7 6 .*1 +-' "0-21' ,+-' 40 01* " 8 *1 6 1 +-' 06 , " '
,1*<+*4.'.,' -1/' ;5 +-'506 6+ .' ,19*1: 06' .4 +18 0:0 6 6+ ' 0 .4 ,1*'
" +-' 40".6.' $." 8 5+9*.0 +* :0 .0 ."0.-' : 6.*4.-' ,0* 02.6' *0,' 510* 60 ,'
4020 0 %+ ,18 0 < -' 01 .**1 90 6. +-' .,' 5. 6.0 9"1 .0' 3+.-' 60-0 . +-' #
50 ,+"1 1' ,0 6.- *0 *0,' *0,0 . 1' *' *1:.-' #' *,0 6.-' ."0.-' 4. 0' 1*6 .'
+ 6.57.8 06 ." 8 4 "0 02.*6 ' 06 71,' ,1* ""+-' 50, 0 .5 0*8 *60' - *+6+"18
09+"18 :."0 0 . -.2.*6' 1-* .' +6 " 6.60 -06 0*648' .6 -.9*4 5 1 +-' -50'
.61 ' ,+*4.' .4 40,+8 0 0 0*4.' ,+<+8 *90*8 0 06 <.4+ .' 6 7 6 .*.0 ,". 6'
+"6 1' 018 ".,0 60*6' ,04.*6 ' ,0 6.-0*3+0 12".6+-' 40 +9 .*6' 6.3+0 ,". "0 ! '
504 -0*6 8 06 ,060 .' 6+ 2.' 20""1' *+6 " ' 0/1*0 .6.' 6 5<6 0 8 :." 41 24".61 +-'
*+-0 1' -.6' 1*0 . 3+0 .4 J.-.9+ 6.-' 0" 4 8 - " -' + 3+0 5 19 04 6+ '
+2' ,". "0-' *1 6 .-' 3+.0 /:'S." ' 4' ,6.' 1":0 .6' 1550 '40, 0:0 .6' ,+-'
,.' 7.+4 4+2 0 5 10" +-' ,1- - "+ +8' (04 *' 6 *0 0 + +8 0/1 6 8 1 0* 1*+-'
60 ' E1"+-.-' .,' &0*0618 06 + .-' *1*', 6 .' . 04.6 1*0-',.+ 68' 69*1' .2
01' 1 60 *14+' +2".61' 3+.-: 8 *1*' ,1*6+-.4.;' 04' 70,0 " 6.60 .,' +2 6. +-'
5 1,0"". +-' -06+' .4+*' 0/,+ . 06 ' 06 -1/' ,+-' .4 ,. 60""+-' +20+-< 3+1'
51*6 , .'.,' &0*06.' ,". " 8 0 +24+/0 *6' -50 1' 406 04.61' *' ."6+-' ,". "0-'
0:0/ 6' -.<1 0-' -. 6 -.0 0' , 0*6 .-' *' : 8 ." 13+' 6 0*+ 8' 1"+-*.-'
.,' &0*0618 4+,08 **+0*8 U40 640 . 0 0 4 4 6.*8' 3+14 *1*' *<+ " ' $7 " 55' .,0 0
+ .-' ,+-' &0*06< -0 61' +5 ,. 0*6+ ' .2 01' 60-51 0 - *+8 0 5 1-5618 *'
1040 0 0 :.*41 06 0/03+0*41 5 .02+0 +*6' +-' *' 01' 51 6+ 0 "0*6' &0*06'
12:) -' 7.2+0 +*6 "1 +-' 0-2+-' .' 3+1' 40 ,1 6.' ,.56.' 5 -/ -' 4 4 ,0 +*6'
%+ *' ,1* +"6.6+-' *60 ' 4+,08' 3+ 4 .41' 15+8 0 "06' 06 (02. 6 .*+8?Ñ &0*0 +8
3+.0 61' *' ;5 -*40 6 *.6+8' J .*, 0+8 +14+8 -.<1 +-' 6 0- +-' 5 .0 "8'
06 . ,+8 G+ *+8)' .4 .6, ' " *+8 5 .0 04+8' 3+' <+8 0*60* .0 *' ,1*, " 1'
4 ,0*4.0' *1*' .+60-' 40,0 *0*4' 7.202.*6' 51 1' 50 90*4+-' 0 "0 ,0* 024*6'
3+14 3+.*41' *.:." ' 5 10" 1' ,+-' %+ , 8 0-0" 40,0 *' 5".,+0 .6' 40-' 0/ 6+8'
3+' .*60' 06 51 6 ,.56.-' ,1 .-' 50 . ' 5160 .6' 3+' 6' 3+14 50 .2.6+ ' +,'
,0 6 "06' 0140-' 1 6+*.0 -506+' ,1 .-' 3+1' ,.56.' +0 .6' 0, 5' 51 "0' 06
%+ ,18 616.' * +".'.,' J.-.9+ 6.0 12 4 1*0 ,+-' * 9*' & ,61 .' 4050"" ' ,1*6 .'
: 402.6+' 0 1*; -1' 7=.*01' ,". " 8 5 .0 041' 06 (1 6 .0 $."".: , *1' .,' "09.6 8'
+ 6 .' ;5 +-'506 ' :0 +-' Ñ +210.-' .+6 ." .' "1,.' 1551 6+* 1 .' 60*6.*4.'
+-' *60 ' 0 4 " 40 0*6' .4 5 .061 .-' 51*6 , .-' .40+*6' 06 ,1 .-' 1"+-*.'
,+-' =.*0+8 51 6 ,1 .-' ,.56.-' -+6.6.' 1 6+*.' ,1* " .' 3+13+0 -+6.*4.'
4 ,0 06' + .' 3+' : 40 06' <.-' . 6+-' 51*60 5 3,040 0' *03+0 15+8 0 0' +6
&0*061 +-' ,1* " .' *60 6+ 2. 06' *1:.8 4 " ,+"X.608 4 "" 40*6 2+8 *' -04 +-
5 151*0 0

' ! # ' Ã C !! ' '% (, #,# / ' 2)! ## 2 2 '0 ' 2#)/!! ' 2 #!## ' 2'8) ' 29)'
!#

5 151*0 0? + - - .ˁ :+"6+8ˁ ,1* 6.*6 .ˁ * 7 "ˁ : 40 0ˁ 0ˁ 4 / 6ˁ ,+ ˁ 51 6ˁ ,.56. -ˁ
,1 . -ˁ 0760*6 . -ˁ 5 1 0 - ˁ *ˁ 3+. -ˁ 1 - * + -ˁ ,1* 0* +ˁ 6+ -ˁ 0 6ˁ - +606ˁ) 04ˁ
*,3+#5 12. 0ˁ #=.*0ˁ 06ˁ ." 1 + -ˁ ,1* 6" + -ˁ +2203*ˁ 60*6. ˁ 4020 0ˁ ,0* 0*6 + -ˁ <
*. - 3+14ˁ 150 .0ˁ 5 06 + -ˁ , : 6.60 -ˁ *ˁ : ,0 .ˁ 09*ˁ %+ , , ˁ 06 . 6. -ˁ .99 04 ˁ
,+<+8ˁ 0/5+9*.6 1*0 - ?06ˁ - +"61 + -ˁ .*9+ *0ˁ 06ˁ - .9* 8ˁ + - 56 2+8ˁ ,1* 6 6+ . -ˁ
*0,ˁ ,.56. -ˁ 0 :. ˁ 51 "0ˁ .55. 0.6ˁ ˁ 3+14ˁ 6ˁ 1 - ".ˁ ;5 1ˁ ." 3+ 4ˁ 6+,ˁ 60 - 51 8ˁ
60*6.*4+ -ˁ : 40.6+ ˁ 516 +8ˁ 0""0ˁ +6ˁ 4 3+.ˁ 0/ˁ ." - .6 .0ˁ .+6ˁ ") ; , ˁ + 2 2+8ˁ 50ˁ
A6.6+ ˁ 3+.0ˁ ,.56.ˁ.,ˁ5 1/ - .ˁ$7 " 55 , 8ˁ.,ˁ&0*06 8ˁ5 1: *, 8ˁ +2 4 8ˁ0/ˁ5 15 +3+1ˁ
5 *4 8ˁ 06 *, ˁ 51 6 6ˁ 6.ˁ 7 *,ˁ60 9 :0 .*60? + .ˁ 7 *,ˁ:. .*6 2+8ˁ&0*06 8
- * .ˁ *0,0"" 6.60ˁ 516)8ˁ 3+. -ˁ ,1*") 1ˁ 0.*40 - ˁ 3+. -ˁ :0*0 .*6ˁ : . -ˁ 050ˁ
60*4. -ˁ ,0* + 6ˁ 9 6+ ˁ / ˁ S."ˁ ˁ ˁ . 5.671ˁ * +".0ˁ 3+.0ˁ .ˁ E 06.ˁ ˁ
5. <+ -ˁ .20 6ˁ .,ˁ 51 60 1ˁ 4 0ˁ ,+ -ˁ - . 0ˁ *6+ - 0 ,0 0ˁ .,ˁ , 02 8ˁ 5 1,0"" 8ˁ 3+ 2+8ˁ
""+4 - . / - 0ˁ 1 - * + -ˁ12*1/ + -ˁ 0 6ˁ <. 6. ˁ ,105 "06ˁ :0".ˁ40 - 660 0ˁ ,+* 6ˁ ,1. 6ˁ
+*6ˁ :. 0ˁ 4 8<0 6.ˁ 06ˁ ".,0 .6.,". "0ˁ +*.ˁ 06 . -ˁ0/ˁ&0*06 8ˁ6 0 - ˁ : ˁ .0: 0*6 + -ˁ
"+4++ -ˁ .50 6.ˁ 06ˁ +*4 8ˁ 7.+ 6.ˁ 0 ,ˁ + +8ˁ *1:.0ˁ 1 J0* *+ -ˁ ,.+ .0ˁ *60ˁ
+ . -ˁ .,ˁ ,060 18ˁ 1 6.0ˁ +*6ˁ ,+ -ˁ ""0ˁ *+""+ -ˁ <. -ˁ 09 .0ˁ ,". 8ˁ + + -ˁ ,.+ .6+8ˁ
3+14ˁ 20*0ˁ :0 60 06 ˁ 0ˁ 4 ,0 "+ + -ˁ 4 ,0 06ˁ &0*06ˁ 1 - *ˁ 150ˁ 71 - *0 - ˁ 06 *0 0*6ˁ
3+ 4ˁ 0* - 6ˁ 4 .ˁ,". 0ˁ$." 8ˁ +50 :0*0 6ˁÑ ,1*<+* 618ˁ :0* "0ˁ +6 ;5 8ˁ ".216ˁ
.*6 2+8ˁ 5 .0 61ˁ 0 0*6ˁ .*ˁ 4 :+"" 8ˁ .2 0ˁ :0 + -ˁ 0 6ˁ +6ˁ . - "0.ˁ ;5 1ˁ *18ˁ 3+13+0ˁ
ˁ - . , 6+ -ˁ0/ 6 + -ˁ - *1ˁ *1 - * 8ˁ4040,1 0ˁ.,ˁ406 - 0*61ˁ40 - +8ˁÑ$0 0: .*60ˁ
* 7 "1 - *+8ˁ + .ˁ * 9*60*6 .ˁ 51 6ˁ "1*9.8ˁ ."60 ,.6 1*08ˁ 1"+ - *.0ˁ 06ˁ + .0ˁ 8ˁ
0/ 6+8ˁ 0 - 1*+ -ˁ + 6ˁ +6ˁ .* - 8ˁ <. - 5 40 -ˁ *60 ˁ 0ˁ5. + -ˁ.03+ 8ˁ *1:.ˁ .,ˁ * +50ˁ
,1*60*6 1*0ˁ 0/.,0 2.6 8ˁ ,+ -ˁ * 7 "ˁ 360ˁ 5 18ˁ ,1*:,* 06ˁ +6 *3+0ˁ 4 ,0 "0 *6
1"+ - *.ˁ 06ˁ &0*06ˁ 0 . -ˁ 60*4+*6ˁ 3+1ˁ 06ˁ 018ˁ." 3+16ˁ 51 6ˁ 4 08ˁ "6 0,+6+8ˁ 06
+ .ˁ 3+ ˁ ,+ -ˁ 612 8ˁ ." 3+16ˁ 4 ˁ * "%0*6ˁ ,1 - - 0.6+ˁ .2ˁ +6 3+0ˁ 506 61ˁ ""ˁ
c , " . -ˁ 50 0/ 6ˁ (+2 64 ˁ J. - .9+ 6. -ˁ - 660*4ˁ *0916 + -ˁ 4.6+ -ˁ ˁG+ *1ˁ 06ˁ
+41: ,1ˁ . 6 *0*91ˁ 3+.0ˁ 08ˁ *1*4+ -ˁ : ˁ - 1 21 + -ˁ 40 .0: 0*6,ˁ06ˁ 4 " 40*6 2+8ˁ
4+, 2+8ˁ "0*60ˁ.4 - * 6 .6.ˁ0 6ˁ =.*0+8ˁ, 1 061ˁ .".2 1ˁ 06.0ˁ5 .0 40ˁ ,+ -ˁ , 1ˁ
. - .61 + -ˁ 0" 61ˁ ˁ 1 , ; . -ˁ 506 6ˁX +*40ˁ 1"+ - *.ˁ ,1 "6.9 1*0ˁ - 1 21 + -ˁ *ˁ
+. -ˁ ,". "0 -ˁ 6.*6.ˁ : ˁ *,+ - 20*60ˁ +6ˁ / ˁ 6 0 - 0 8ˁ .4ˁ :ˁ 04 90 0ˁ ,1. 6+8ˁ " 6ˁ : ˁ
.":08FF.ˁ &0*061ˁ 0*.6+ˁ ,1 - - 14.6 8ˁ 0ˁ 044 6 8ˁ 51 6ˁ ,+ - +".60ˁ 50 1"+6.ˁ - +*0 8ˁ
+ ˁ 1 , .ˁ 4 ,0" 6ˁ :0 + -ˁ *ˁ 6 *0 ,ˁ :. 8ˁ ,." 2+8ˁ 06ˁ *,1 - - 14 8ˁ <. 6.6+8ˁ 0 6ˁ
. - 8ˁ 1,0 .+ 18ˁ - 1*608ˁ *.+ .9 8ˁ * . - 0 8ˁ ,+ -ˁ 5 .060 :070 06+ ˁ <+/6.ˁ
.67. + A*ˁ 5 .061 .ˁ *ˁ 3+.ˁ 5 0ˁ 0 .6ˁ 9*0ˁ 0/ˁ /" - *0ˁ ,1*,0561ˁ ,1* ".9 .: 6ˁ
6+ 8ˁ ." .ˁ.4ˁ .9+ . -ˁ : ˁ :0*61 + -ˁ - 5+""9ˁ ,. *.ˁ .2+"1 1ˁ :.41ˁ "" 6ˁ 06ˁ ,1* ˁ
. 6.ˁ0 6ˁ 3+. -ˁ - 1/ˁ 1 - * ˁ 0ˁ 0/1*0 .6. - ˁ *0ˁ 5 .04.0ˁ %+ , 8ˁ ,040 06ˁ *,0*4 6ˁ
: /3+0ˁ *40ˁ ,+ -ˁ ˁ 6 0 - 2+8ˁ 3+.0ˁ +50 +0 0ˁ * 6." . -ˁ 6 .<0, 6ˁ .,ˁ 5040 6 ˁ
6 *0 0ˁ 1 - . -ˁ 0ˁ ,1*6+" 6

& ˁ ˁ ˁ ˁ ˁ 71 608ˁ <. -ˁ *1 6 .0ˁ ,"."" 8ˁ - 06+ˁ " 20 ˁ ,+ -ˁ " .ˁ *+ 3+. -ˁ
.55. 0 06ˁ40ˁ4 ,0 +ˁ,49 6.*6ˁ 06ˁ$." 8ˁ 0" 6 8ˁ / ˁ6 0 - 2+8ˁ *ˁ * +".0ˁ5 .0 4 + -ˁ
3+ 2+8ˁ ˁ - .608ˁ . +8ˁ 5 .00 .6ˁ ;5 1ˁ 1": 6ˁ 06ˁ ,+ -ˁ *1 6 18ˁ .4 03+ˁ *1*ˁ 516+ "26ˁ ˁ
.4ˁ +55"0*4. -ˁ ,". "0 -ˁ 0 6.ˁS ;C.*6 + -ˁ5 1 0 6+8ˁ0 6ˁ *ˁ 6 *0 0ˁ ,+ -ˁ *ˁ6 0 - 0 8ˁ
4+.8 *90"ˁ (+ .*ˁ 06ˁ & *,0*6 ˁ . ˁ$ +"ˁ *, 4 "06ˁ 5 4 0ˁ 1* ˁ 1: ˁ +5 .
$. 1*ˁ 09.0ˁ - . 8ˁ * +". .ˁ ., 60ˁ +6 *3+0ˁ 5+9*.6+ -ˁ 0 "ˁ 6.*40 -ˁ $ +"+8ˁ
.ˁ 6 0 - 2+8ˁ , ,+ - :0*6+8ˁ ,+ -ˁ 6 0 +0ˁ 0ˁ 40* 0*4 "06 ?ˁ - .9*. - 3+0ˁ 6 .90 -ˁ
71 6 + -ˁ 04 4 "06ˁ ,.0 +8ˁ 0 6ˁ ˁ(+ .*98ˁ : /ˁ 0".5 +8ˁ 3+. 61ˁ 51 6ˁ 4 0ˁ *ˁ 06. -
*,1"+ - 8

ˁ IC !! $ 8 $!# $ 2 ! ˁ Iˁ ## ˁ / $ 2 $
ˁ !# ˁ ˁ / " $ 2 ## $ ˁ1 " # 0) 5 ! ' !# ! $ ˁ !4 ˁ # ! !& ˁ ˁ
; ˁ ;)$ 2 - /

,1"+ - 8 50 :0 6 +6.57.8 6<+13+0 3+ .4 . - .9+ 6.0 12 4 1*0 - 0 - .* 0 .6
,+ - 0 - .4 :0 5 1/ - + - 4 J0 0 "4. - ,0* "06 06 . 6 8 .2 + 20 5. "++ .
,. 6 8 12 0 - .9*. : 0 + - 5+ 6 ,6 3/6 - 6. . %+ , 8 /. 60"". 40 - 1" + *6 .
X18 *,+ +20*6 2+8 %+ 48 + - - . : +6 *3+0 50 : 71 . + - 5.6 + - 4 - ,.6+ -
0 6 - .9 1 71 6 + - 406 - 0*61 0/ 3+ 2+8 , ,0 01 4 0 ,0, 41 0 5"+ 08 :+"*0 .6
- +"6 , .56 0/ 6 1 6 8 / 6.*6+6 40 40 .6 04 - .<+8 4. - *+ - + 6 - ;15. 1 ,
*,0*4 1 .2 + - 561 3+14 - +"6. 5 06 1 . :0 60 . , - 6 8 5 - .0 6 12 " 6.6 8 , .54 : 8
1*+ 6+ - + 6.57.8 41*1 - 50 .61 - 6J02. *,0*4 + - .+60 - ""+4 . 12 " 6
- .6 1*. .,0 5+":0 61 - 0*6. 1 +2<04. 0/46.6+ - ,17 6.78 . - . 0 6 3+./< "
. 6.04 1 . , "+4 2 8 *<+ 1 .0 0 : 6+6 8 :0" 71 2 " " 2 . , 1, 8 - 1 6 (D0
04 - 0 0 1X@6.: 6 $ 1/ - . ,+ . + 6 12 0"" 8 &0*066.8 - 660 0 3+ .+/ " .U +
60 - 51 0 8<*.6+ . 0*6 3 - - .9* 4 0 - * 8 60 0 "06 %+ , 8 *0 8 + 640*6 2+8
. .9.=C1*+8 6. - 0* - 2 8 05 015+ , .5+6 ++ - ,1 - - + * 0 + - . "+6 40:1&0 0
1 4+2 6.: 6 . , 6 0 - ,1* 00* . 06 6"0*6 . *14 8 + +8 51 6+ 0" , 60 09 0 " 8
&0*06 .8 *,1"3 - < 50 :0* 6 6 7.0, + - - . 0 + - . 7 6 .* 8 ,1*6 . %+ ,+ -
71, . **1 90 6. + - + 6 01 - .9 8 5 .060 . - "%. - 0 0 ;5 + - &0*06 8 4. - *1 1
3+14 5. + - *,0 . - +6 02.*6+ 5.*1 + - 40 - 0/50 6 40 0# * 51 60 + -
40"50 .*608 ,+ - - .9*18 + - 56+8 . ,0 0*6< * 1040 0 " , 0*41? 09* 1 08 0 .2
01 69 - 51 0 9, 0 +*6A 06 0 - ,1 - - + *0 - - *+8 5. .61 .* - 1 .4 - * 6 .: +*6
N ! " # # 03+0*6 8 * 6 1 3+ 2+8 2" 4 J. - .9+ 6. - + - - 660*4 * 06.
*0916 + - 4.6+ - +0 . ? <1, ,0 0/+1 - * 1 0 40" 9+*6 H6 ,+ - - .9*. 1 - * 8
90*0 8I.5 . .6++ - : 6 2+8 1*0 . 8 *.: 2+8 # - 5 *+*6 / : 6 0 - 7 8 *
5 .0 4 + - 4.6 8 03+0*6 0 - 9 1 " 8 5<.0 04+8 0 1*; - +8 G+ *+8 3+14
(02. 6 .*+8? &0*0 +8 "09.6+8 * ;5 + - 40 6 *.6+8 1*6 ,1 - 1 21 * 06.40 6
*0 06+ G+ *+8 141 4 0 + - 0,+*4. *.: 9.6 1*0 + +8 * ;5 + - :0* 6 06
+2 4 + - 0" , 60 *6 14+, 6 %+ , , . ,". "0 33.0 * 1* 6.*6 .0 *+ *.*,1 8
6.2.6 .,0" 0 0 ,1 .4 . 3+. - 61 - 0*6 8 *1 6 6.6 - *,0"%0 +*6 06 6 0 - 2. .
0 - 0 " 8 0" 3+.0 / ,+ - 0 60 602 .0 *60*4 60*6 +9. 0 0 5+06+*6 < - 1/ 0,
4+.0 1*0 . .0 ,1 - - 0 6+ 1*+ 6.0 . &0*06 8 ,456.0 06 *,0* .0 , . 60"". 60 - , ,+*
%+ ,1 + - 40 6 +4. 3+ 2+8 .4 8 G+ *+8 * 06. - 0:0 6 6+ *60 0. &0 A06
4=.*0+ - 3+14 6 *0 0 ,1*:0 1 . ,"."%0 %+ , , . 5 10" 10 5060*4. .2 6 *+ "%06
5 06 - 50 0+ - .4+ - 5 .0 04/ . .2 4 ,.*6 0. - 3+0 * (02. 6 .*+ - &0*0 + - N
6 .*8 0 +*6 ""0 * ,+ 614 . - 6 .4 6+ 8 ,+ - * :) ,+" 8 , . + 4 4+ < 8 0 "$6
1551 6+*. * 1 60 <+4 , 1 +2 6 .4+8 0 6 &0*0 1 5 .0 0 : 4 *90* [. , 5+9*. ,
: 1 .44 6+8 0 6 ,1""09. *+ 6.61 0/0 5"1 +9+ 6 *+8 . 2. 9+8 3+ 0 1, .0" " +8
- 140 .61 0 0 0*60 - 0 0 : 6+60 - - .6+ 6.60 +. 60 - 50 . 06 0.6 06 ,". " 8
,+ .61 08 0 1*; - +8 G+ *+8 .+/ " 1 *+50 J. - .9+ 6. - *6 14+41 ,". - 8 06
=.,7. .8 0 (."1*d 140 - 60 - 51 0 4+.0 *.:08 1*0 . .0 1 - * 0 + - .4 12 6
4 1*0 - + 6 *0*4. - *0,0 ". + - 90*0 0 1*+ 6.0 ,1". 1 1* .61 J. - .9+ 6. -
4+,0*4.0 ,1 - - 66+*6+ 3+ &0*06 8 1":0*8 ,+ - 6. - :0* "%06 .+4 61
%+ , , . - ,". 0 - <. - - . 0 *9 0 ". - "1, . : , *. * 640 7.+4 6+6+ - 60 *
;5 + - .6+8 5 .051 60 . ,+*4.6 1*0 * 06.0 51 6+2+8 7.0 6 06 ,1 - - 0.6+8
J. - .9+ 6. - *6 14+,0*4 3+1 *6 14+41 - 20 - "". - . &0 06 8 06 *0 516+ 6,
0 04 6+ - 0 6 1, , . "1*0 - . - ""63+ 4 "" 51 60. , - * 4.6+ - 0 6 06 , .5 6
.*3+ 6+8 ,+ - 0/ : *,+" 8 , .+J. - 4 / "%06 " :0 9 .6 . :0 3+14 , e - 0* 5+ 9.: 6<
510*. - 0:. 6 &0*0 +8 +6 5 - + - 40 , 0.6 1*0 +. . "".6+ - 0 6 ,1*6 *+1
6 0 - ,1* 00* . 1 , ; . - 506 6 +2 . , ,0561 .<5 +9 6 *1 . 2. 91 0/0 6+
3+0 - =.*0+8 "" +50 1 0 . *1 6 .4 40 .6 3+.H .4 20""+ - 90 0.4+ - 1551 6+*.
L 0 .*6

F 2 ! #$;9 # # !> $ I C !! I " !

erant, expedire inſtitit. Nec ceſſabat Selimus, qui quo pluribus locis Venetos vexaret, eorumque vireis divideret, [a] Achametem purpuratum cum LXX armatorum millibus ex finitimis regionibus brevi contractis in Epirum mittit, qui Epiro et Dalmatiae metu intentato [b] Ulcinium orae maritimae oppidum in Epiro circumſedit. Piali Conſtantinopoli morbone aut qua alia de cauſa incertum retento, Halis [c] Chium Aprili menſe cum XL triremium claſſe appulit, quo mox eum ſubſecutus eſt Mahametes [d] Euboeae praeſes cum reliqua claſſe, milite ex praeſidiis inſularum [e] Aegaei undique contracto et in naveis impoſito. His additus [f] Perthaus purpuratus, cui a Selimo imperatum, ut aliis negotiis omiſſis in quaerenda claſſe Chriſtiana omnem diligentiam adhiberet, adeptamque omni ope ad pugnam attrahere contenderet. Halis in Cyprum profectus, et expoſito milite ac commeatu, cum aliquandiu cum Muſtapha fuiſſet, inde Maio fere exacto ſolvens, XXIII triremibus inſulae praeſidio relictis ſub [g] Rapamathe, ad Perthaum revolat, dum Muſtaphas cum iis, quas penes ſe habebat, copiis a Selimo ſummiſſis, quaſque praedae ſpes ipſi conciliabat, obſidionem maturaret.

CIↃIↃLXXI. CAROLUS IX.

X. INTEREA foedus ſuperiore anno inchoatum novis ſubinde exorientibus difficultatibus protelatum vix tandem ad exitum perduci potuit, quantumvis pontifex miſſis ubique oratoribus rem urgeret, qui et ſe, ſi ita res poſcat, claſſem conſcendere, ſuoque corpore in media pugna ac diſcriminum mole verſari paratum aiebat; per delegatos cardinaleis ad ultimum res confecta, qui in conclave Michaelis [h] Bonelli cardinalis Alexandrini in Vaticano conveniebant: ii erant Joannes Moronus collegii princeps, Carolus [i] Craſſus, in cujus demortui locum ſuffectus eſt [k] Paulus ab Eccleſia, Joannes Aldobrandinus, ipſe Michael Bonellus. Primo omnium conſenſu placuit, ut ad exemplum illius, quod Paulo III pontifice initum fuit, foedus perpetuum ſanciretur, nec ullo tempore definiretur: nam et longam temporis definitionem mali ominis eſſe, et brevem hoſti animos facturam. Conventum item, ut CC triremibus, C onerariis, peditum LCIↃ, equitum IVCIↃ res ageretur: ſed de ſummo imperii loco res acerbis contentionibus tranſacta eſt. Et primo quidem Emmanuel Philibertus Sabaudiae dux nominatus eſt: ſed cum is ditione ſua veteri nuper recepta, eaque ſectariis populis ac nationibus circumfuſa, non niſi periculoſe domo abeſſe poſſet, Philippus tenuit, ut in gratiam ſuam [l] Joanni Auſtrio fratri notho belli Granatenſis feliciter confecti gloria recenti claro ſumma rerum praefectura deferretur. Major contentio inter partes fuit, cui legati, qui per abſentiam Auſtrii claſſi univerſae praeeſſet, deligendi facultas eſſet: nam Philippi procuratores, id ad Auſtrium pro ſuo jure pertinere aſſerebant: at Veneti qui crederent, id agi per ambages, quod aperte non potuerant, ut Joan. Andreas [m] Auria, quem illi et ſuſpectum et ſumme inviſum habebant, claſſi praeficeretur; cum contra obnixe pugnarent, tamen, ne curſum conſiliorum retardare viderentur, rem totam pontificis arbitrio, quem ſui juris ad obſtinationem uſque retinentiſſimum ſcirent, ultro permiſere. Nec falſi opinione ſua ſunt: nam ille et ſe citius mortem oppetere paratum reſpondit, quam quidquam ſe pontifice de ſupremi ſolii dignitate imminueretur; et acreis ea de re ad Philippum literas dedit, qui vehementiae pii ſenis cedere ſic ſtatuit, ut jus quoque ſuum retineret. Itaque cum ille treis nominaſſet, Ludovicum Requeſenem, Jo. Andream Auriam, M. Ant. [n] Columnam, pontifex Columnam, qui Auſtrio ſufficeretur, in

INTERPR. [a] *Achmet Baſſa.* [b] *Dolcigno en Albanie.* [c] *Scio.* [d] *Negrepont.* [e] *l'Archipelago.* [f] *Pertau Baſſa.* [g] *Rapamath.* [h] *Bonelli cardinal Aleſſandrino.* [i] *Graſſi.* [k] *Paolo Chieſa.* [l] *Don Juan d'Auſtria.* [m] *Doria.* [n] *Colonna.*

CIↃIↃLXXI. in navali et terreſtri imperio delegit. Qua difficultate tranſacta, rurſus aliae ab
CAROLUS IX. Hiſpanis motae: nam ſacrum foedus in genere contra Chriſtiani nominis hoſteis ſanciendum eſſe contendebant; qua re non occulte omiſſo oriente in [a] Africa bellum gerere in animo ſe habere ſignificabant: inde rurſus exortae novae controverſiae inter mutuo ſibi ſuſpecta ingenia. Siquidem Veneti ſocietatem ſibi non auxilio, ſed damno futuram dictitare, ſi arma ad ſua e Turcorum faucibus eripienda ac regnum Cypri retinendum deſtinata, ad aliena petenda avocentur; ac fore, ut nudatae defenſoribus provinciae Turcis ſine certamine ad praedam exponerentur. Contra Hiſpani bellum contra [b] Tripolim, Tunetem, et Juliam Caeſaream urbes Turcorum tributarias, quibus tanquam ulceribus intra viſcera haerentibus Hiſpaniae litora exedebantur, vertendum contendebant: neque enim aliter Hiſpanis ſatisfieri poſſe, quorum maxime opibus cum foedus nitatur, aequum eſſe, ut tanta pecuniae et hominum vis non in exterorum uſus, ſed in ipſorum commoda erogetur. Heic pontifex, qui vereretur, ne Veneti Hiſpanorum tergiverſatione ſeu cunctatione a foedere alienarentur, partes ſuas interpoſuit; et Pompeium Columnam in Hiſpaniam magnis itineribus legavit cum mandatis, ut cum rege ageret, ut amputatis, quae novae indies a procuratoribus movebantur, difficultatibus foedus ineatur, et ſecundum illud, quamprimum fieri poſſit, Jo. Auſtrius mittatur, et Maximilianus Caeſar et Polonus ad foederi ſe jungendum ipſius regis hortatu invitentur. Ubi Pompeius in Hiſpaniam venit, expoſitis mandatis, a Philippo reſponſum eſt, ſummum ſuum erga religionem ſtudium ſatis declarare bellum Belgicum, quod ancipiti eventu cum diſſidentibus in cauſa religionis populis ſuis magnis et immanibus impendiis gerat; quibus parcere potuerit, ac provinciam pacatam habere, ſi paulum modo illis de diſciplina remittere, atque aliquid in doctrina indulgere voluiſſet; ejuſque belli praetextu excuſare ſe potuiſſe, quo minus novo foederi ſe alligaret: ſed religionis ſtudium omnibus reſpectibus apud ſe ſemper praeponderaſſe: itaque praeter triremium claſſem, quae jam inſtructa ſit, magnam onerariarum ac corbitarum vim undique corrogaſſe: praeterea XCIↃ Germanorum, VIII Hiſpanorum, ac totidem Italorum ſcripſiſſe; ac propediem Joannem fratrem in Italiam miſſurum: ſed vereri ne hi laudabiles conatus et apparatus fruſtra ſint; neque enim ſibi perſuaderi poſſe, Venetos ſincere ac bona fide agere, quorum ingenium et perpetuum inſtitutum ab armis tractandis abhorrens perſpectum habeat; tum quod ſibi compertum ſit, colloquia de pace cum Turco nunquam eos diremiſſe, eaque de cauſa internuncios inter ipſos continenter commeare: proinde credere hac illos foederis ſimulatione non uti, niſi ut Turcum metu hoc injecto ad aequiores pacis conditiones adducant. Quod ad Caeſarem attinet, de egregia ejus voluntate dubitari non poſſe: ſed exiguas eſſe illius opes, ut non temere denunciato bello tantum hoſtem irritare debeat: nec vero aut ſe conſulenti, aut ipſum pontificem tale conſilium daturum fuiſſe. Cum hoc reſponſo reverſo Columna, aliae difficultates, non ab Hiſpanis, ſed a pontifice, qui negotium tantopere urgebat, excitatae ſunt: nam cum in foedere cum Carolo V inito ita onera partita eſſent, ut dimidiam ſumptuum faceret ipſe Carolus, alterius dimidii duas tertias Veneti, reliquam tertiam pontificium aerarium ſuſciperet, negabat pontifex exhauſto aerario ſe plus quam ſextae unciae ſibi aſſignatae tertiam partem conferre poſſe: reliquum Philippus et Veneti pro rata portione ſupplerent. Heic Michael [c] Surianus, cui nuper Joannes [d] Superantius adjunctus comes fuerat, acriter reclamare, ac dicere, ſenatum non plus quam quartam conferre initio deſtinaſſe; ſed precibus victum ad tertiam fuiſſe perductum: porro

INTERPR. [a] *Barbarie.* [b] *Tripoli, Tunis & Alger.* [c] *Suriano.* [d] *Soranzo.*

porro ridiculum eſſe pontifici Romano deeſſe pecuniam, qui omnium facillimam illius expediendae viam habeat: nam in ore omnium eſſe, nullum opulentius vectigal toto terrarum orbe eſſe pontificis calamo, cujus ſimplex ductus quantumvis immenſam pecuniae vim momento pariat. Moronus contra aerarii pontificii levitatem cauſari, nuper a ſacro patrimonio ablatis Parma ac Placentia opulentiſſimis [a] Galliae Ciſpadanae urbibus: quin, ſi bene res putentur, non minus conferre ipſum pontificem, quam ceteros foederatos; quippe qui ſacrorum ac ſacerdotum decimas ac tributa, quae ipſe tanquam ſua poſſit percipere, quaeque non minus juris et arbitrii ſui ſint, quam profana principum bona, foederatis in ſumptum claſſium conceſſerit. Tandem Veneti poſt longas et acres diſputationes ceſſere, et duas quintas, Philippus treis ſupplementi in ſe receperunt. His transactis cum pontifex ac foederatorum legati Non. Mart. qui dies Thomae Aquinati ſacer eſt, in aedem [b] Minervae conveniſſent, ut peractis de more ſacris foedus ſanciretur, ac publice promulgaretur, [c] Granvellanus cardinalis Venetis ſupra quam dici poteſt infeſtus, ne nova remora negotio jam confecto non injiceretur, ſcriptum publicat, quo Philippi nomine denunciabat, eo anno non plus LXX triremeis paratas regem habiturum, intra Maium proximum. Qua re praeter omnium expectationem cum cuncti ſtupore defixi eſſent, Veneti legati imprimis, qui hoc agere viderent Hiſpanos, ut Cyprii regni ſervandi ac recuperandi ſpe praeciſa a foedere, quod ipſi honeſte recuſare non poterant, apertius diſcederetur, ſe ad ſenatum perſcripturos, ejuſque mandata exſpectaturos reſponderunt. Id Venetiis ubi reſcriptum eſt, tum qui foederi ardentiſſimis votis antea ſtuduerant, relangueſcere, qui vero a bello ſemper abhorruerant, in quibus erant Aloiſius ipſe Mocenicus Venetiarum princeps, ac plerique ex ſenatoribus occaſionem arripere coeperunt, quo labenteis animos quo vellent, impellerent, ludificationibus Hiſpanorum compoſita ex vero oratione multum exaggeratis. Ac peropportune accidit, ut eodem tempore Mechemetes purpuratorum princeps, qui Venetorum res ſemper praecipuo favore proſecutus fuerat, ſpem faceret, ut ſenatus cum Selimo aequis conditionibus convenire poſſet: quod pronis auribus a pleriſque acceptum eſt in urbe; placuitque, ut Jacobus Raggazonus vir rerum Turcicarum apprime peritus Conſtantinopolim mitteretur, qui ſpecie de rerum per belli tempus utrinque captarum permutatione agendi occultos de pace ſermones per occaſionem ſereret. Tunc vero mutata rerum facies: nam qui prius deſperata cum Selimo pace foedus, et per foedus promiſſa auxilia ad recuperanda ſua urgebant Veneti, ex eo negotium extrahere, moras nectere, ac varia cauſari. Itaque cum pontifex videret legatos tam retractanter ſua monita accipienteis, neceſſarium factu exiſtimavit, virum non ſolum bellicis artibus, ſed ſolertia ac rerum agendarum peritia et auctoritate praecipuum Venetias mittere; qui et quod exulceratum eſſet, ſanaret, reſque tot difficultatibus ac controverſiis implicitas ad exitum perduceret. Is fuit M. Antonius Columna; qui Venetias profectus, et in ſummum conſilium introductus, eos hortari inſtitit, ne ſoli bene procedentia conſilia et ipſorum cauſa ſuſcepta impedirent; tum publicatum a Granvellano ſcriptum excuſat, nec malum medicatu difficile fore oſtendit: nam non idcirco numerum navium minorem fore, quem ipſi de ſuis, quas paratas habent, ſupplere poſſint, Philippo impenſas ſe refuſurum profitente. In eam ſententiam cum multa graviter et accurate dixiſſet, jam refrigeſcente de foedere ardore, unus ex ſenatoribus libera admodum oratione contra multa dixit, cur in foedere nondum perfecto, quod jam cavillarentur Hiſpani, citra manifeſtam perniciem perſeverare non poſſent; et potius de pace cum Turco facienda, integris adhuc

INTERPR. [a] *Lombardie.* [b] *la Minerve.* [c] *Cardinal de Granvelle.*

CIƆIƆLXXI. CAROLUS IX.

adhuc necdum acciſis rebus, cogitare, ac temporis neceſſitatem in ſalubri conſilio amplectendo ſapientia repraeſentare deberent. Rurſus inſurrexit Columna, et ipſos cum Turco, cujus recentem perfidiam experti ſint, tuto pacificari non poſſe multis rationibus demonſtravit: ad haec eo res redactas eſſe, ut cum Turci longe ipſis navalibus copiis ac viribus ſuperiores ſint, ipſi ſua per ſe ac propriis opibus tueri non poſſint: proinde imbellibus conſiliis omiſſis ad ſplendidum ac generoſum certamen animos adjicerent, quo et clades acceptas ulciſci, et imminentem Chriſtianis cervicibus hoſtem atque in Europae viſceribus haerentem longe in Aſiam ſummovere poſſent: Caeſarem nunc foederatorum conſtantiae diffidentem, cujus ditio non minoribus damnis, quam Veneta a Turco continenter carpitur, tunc in partes proculdubio venturum; nec dubitare eos debere, quin Joanne Sigiſmundo Tranſilvano mortuo ambigua ejus ſucceſſio Caeſarem et Turcum brevi ſit commiſſura. Cum urgerent Veneti, ut numerus navium a Philippo promiſſus repraeſentaretur, Columna uſque ad xxc Hiſpanos pertracturum recepit: tantum ipſi, qui alveis abundent, quod numero deerat, ſupplerent: nam remigium ex Sicilia et Neapolitano regno, ut ſuppeditetur, Philippum juſſiſſe, idque ſcripto illo Granvellani, quo tantopere offendantur, diſerte expreſſum eſſe: de impenſa, fidei a Philippo interpoſitae ſtandum eſſe, cum Venetis minime decorum ſit, non videri tanto regi, niſi ſatis dato credidiſſe. Petebant et Veneti, ut bello ſemel contra Turcum ſuſcepto, cum praeter intolerabileis in claſſem ſumptus longe plures arces, quam in pace, ſibi muniendae eſſent, ac juſtis praeſidiis firmandae, hoc onus foederati pro parte quiſque ſua ſublevarent; et aequa petitio videbatur: ſed pontifex in aliud tempus rejiciendam cenſuit, ne ex occaſione novae ac jam ſopitae controverſiae renovarentur; recepitque ſe aliquando ſecundum eos judicaturum. Poſt acres contentiones, re in [a] Rogatorum conſilio, quod vocant, coram [b] principe deliberata collegio placuit, ut de pace cum Turco, quae una ſit ſalutis via, pergatur: interea dum exitus exſpectatur, integra omnia reſerventur, et inſtituta de foedere colloquia non abrumpantur; ſed nunciis ac conditionibus ferendis ac referendis, eodemque aſtu, quo hactenus a Philippi procuratoribus ludificati ſunt, res extrahatur. Cum hanc ſententiam univerſi ſenatus ſuffragiis comprobari poſtularet, poteſtate dicendi facta, Paulus [c] Teupolus longa oratione foedus ſuaſit; et fruſtra Hiſpani nominis odio, aſtu, poteſtate ſuſpecta, ad haec parum ſincera fide ab eo deterreri debere demonſtravit: inſuper ad exiſtimationem ſereniſſimae reipublicae pertinere, ne cum navalia et armamentaria omnium, quae ſub coelo ſunt, ampliſſima habeat, non vireis ad iis utendum, ſed animos deeſſe videatur: ſed maxime ad ſecuritatem contra potentem et alieni cupidum hoſtem facere, qui ſi Venetos ne foederi quidem tantorum principum ex imbecillitatis propriae conſcientia confidere ſenſerit, ita porta ſemel ad illius inexplebileis cupiditates patefacta, ad alia ex aliis iniquiora indies poſtulanda incitabitur: tum quam turpe ſit inhoneſtam pacem pretio redimere, et leges a ſuperbiſſimo domino accipere oſtendit, quas ſociorum principum ac propriis viribus ſubnixi dare et imponere poſſint. Eo perorante cum ſenatum valde commotum magiſtratus, qui a belli conſiliis alieni erant, animadverterent, Nicolaus [d] Pontanus ex eorum numero quo nutanteis retineret contra diſſeruit; vir cui aetas, res geſtae, ac prudentiae fama cum rara doctrina ac eloquentia conjuncta magnam auctoritatem conciliabat. Is acri oratione, eos qui foedus ſuadebant, duabus peſtibus, quae pleraſque reſpublicas everterunt, laborare dixit; ſui et ejus, cum quo ſibi res ſit, ignoratione: nam et virium ſuarum imbecillitate prudentiſſimos conſilia ac res metiri

INTERPR. [a] *Pregadi.* [b] *le Doge.* [c] *Tiepolo.* [d] *da Ponte.*

metiri, verum eſſe: mirari vero non perſpectas eſſe Hiſpanorum artes, quorum vanitatem et impudentiam nulla probabili ſpecie velatam, nihil ex promiſſis in priore foedere praeſtando experti ſint; quoſque nuper de conditionibus agendo tot fucati animi ac fallacis artificii ſigna dediſſe cognoverint; qui id unum agant, ut icto foedere, et Venetis ſemel ad bellum contra Turcum obligatis, armorum vim ab oriente ad Tripolim, Tunetem, Algeriam, quae urbes ipſis ſub oculos ſint, magno Chriſtiani orbis detrimento avertant. Poſtremo commercium ac mercatorium quaeſtum urget, quo per bella concidente innumerorum opes, qui laetis rebus ornamento reipublicae, duris et aſperis levamento eſſe conſueverunt, corruant neceſſe eſt: quibus rationibus in ſententiam magiſtratuum eundum cenſebat Pontanus: ſed vicit contraria, quae foedus ſuadebat, omni ſpe pacis cum Turco faciendae praeciſa. Itaque tandem foedus ictum eſt VIII Kal. Jun. quo perpetua ſocietas ſancita eſt inter Pium V pontificem, Philippum Hiſpaniarum regem, et Aloiſium Mocenicum Venetiarum principem adverſus Turcum non modo defendendi et arcendi, ſed inferendi belli, neque id regnis tantum a Turco poſſeſſis, ſed Tripoli, Algeriae et Tuneti in [a] Africa beneficiariis Turci urbibus, inita eſt. Conventum item, ut ſi Philippus aliquo anno, quo nulla communis foederatorum expeditio ſuſciperetur, in Africam duceret, eum Veneti L triremibus egregie inſtructis juvare tenerentur: viciſſim Philippus, quoties Venetorum reſpublica aliquam expeditionem intra [b] ſinum Hadriaticum ab [c] Apollonia Venetias uſque ſuſciperet, parem triremium numerum auxilio Venetis ſummitteret. Numerus navium et bellatorum, qualem diximus, definitus eſt, quae omnes copiae quotannis ante exitum Martii aut ineunte Aprili in orientis mari paratae ſint. Eo amplius cautum, ut Romae quotannis ſocii autumno conſtituant, quae inſequenti anno expeditio, ac quibus viribus ſuſcipienda ſit; et pontifex omnium controverſiarum inter ſocios ſuborientium communis diſceptator ac judex ſit, ejuſque judicio ſtetur. Locus honorificus item Caeſari, Galliae ac Portugalliae regibus reſervatus, quandocunque foederi ſubſcribere parati ſint. Cautum item, ut Raguſia [α] cum univerſo illius reipublicae territorio nullo damno nullave moleſtia a foederatorum [β] copiis eorumque ſucceſſoribus violetur; niſi aliter ob juſtam cauſam ſubortam pontifici viſum fuerit. Poſtremo additum, ut nemo foederatorum ſeparata conſilia ab aliorum conſcientia et voluntate pacis aut induciarum cum Turco habeat. Sancito foedere aliud privata ſyngrapha firmatum vulgatur III Eid. Jun. quo Philippus toto Maio vertente XXC triremeis ſe in [d] Hydruntino portu paratas habiturum profitebatur; tum pro qua parte quiſque in ſumptus conferret, definiebatur. Secundum haec Venetiis conſultatur de mandatis, quae ducibus ſuis danda eſſent: ſiquidem in illa republica ſic uſus eſt, ut ducibus, quos ad bellum mittunt, non libera omnino conſilia permittant, ſed arbitrium de ſumma re certis finibus circumſcribant, quos, niſi graviſſima defuncturis poena, tranſcendere ullis non licet: quae res ut ſalutaris in illo optimatum temperato ſtatu, ita egregias bene gerendae rei occaſiones plerumque corrumpit. Magno conſenſu in ea deliberatione decretum eſt, rem proelii aleae committendam, cujus exitus et certam victoriam ſponderet, et eos, qui diuturnitatem belli illius ab Hiſpanis affectatam et ſibi damnoſam reformidarent, longa delectuum, praeſidiorum novorum, ac praeterea

VAR. LECT. [α] quam Epidaurum fuiſſe credunt, cum *D*. f. o.
[β] copiis tam maritimis quam terreſtribus copiis afficiatur, niſi ex juſta cauſa ſecus pontifici ejuſque ſucceſſoribus videatur. Poſtremo additum *D*. f.

INTERPR. [a] *Barbarie.* [b] *Golfo di Vinetia.* [c] *la Valona.* [d] *Otranto.*

praeterea claſſis numeroſae impenſa ſemel liberaret: impetu igitur, quem felicem ſperarent, non perſeverantia, quae ipſorum res ad extremum everſura eſſet, bellum gerendum, neque ſegniter et retractanter agendum; feſtinationemque, quae improvida et praeceps aliis ſaepe noceat, in hoc bello unam et praecipuam ſalutis viam atque arcem eſſe. Igitur S. C. in hanc ſententiam facto, imperatum Sebaſtiano Venerio, ut nullam pugnandi occaſionem praetermitteret: et ſi quidem, antequam ſe cum ſociis conjungeret, eam nanciſci poſſet, dum ne eo numero eſſet hoſtilis claſſis, ut omnino iniquum certamen videretur. Eadem a pontifice Columnae data mandata. Eodemque tempore miſſus ad Caeſarem Jo. Franciſcus Commendonus cardinalis vir ſummis negotiis tractandis idoneus, tum rerum Germanicarum inprimis uſu praeſtans; qui et inde ad Sigiſmundum Auguſtum Poloniae regem, cujus itidem perſpectos intimos ſenſus habebat, tranſire juſſus eſt; ut eos ad belli tam ſalutaris et neceſſarii ſocietatem invitaret. Miſſus et Paulus [a] Odeſcalcus epiſcopus Pennenſis ad Italiae principes, pontificis nomine; qui vix ab illis VCIↃ peditum ſtipendia expreſſit. Longe honorificentior legatio fuit, quae Michaeli Bonello cardinali Alexandrino pontificis ſororis filio ad Philippum, in qua una plus momenti quam in univerſis aliis ponebat, mandata eſt; qui et ad [b] Luſitaniae regem accedere, et inde in Galliam ad regem venire pariter juſſus eſt.

XI. DUM haec agerentur, Muſtaphas belli Cyprii ſummus dux accerſitis Nicoſia XV tormentis, caſtris ex loco, in quo hibernaverat, promotis ad Famaguſtae obſidionem redit, et ad eam partem, quae orientem reſpicit, [c] Percipolam vulgo dictam, conſedit. Luſtrato exercitu XVII Kal. Maias, et caſtris IVCIↃ paſſuum ſpatio porrectis tempus operibus faciendis inſumptum, deſtinatis ad id XLCIↃ foſſoribus, qui dies noctibus continuantes aggeres a noſtris deſtructos inſtaurant, et foſſam novam ducunt. Famaguſta olim Salamina dicta, ſive ut alii credunt Tamaſſus, aut denique Arſinoe, maximum Cypri emporium in extrema inſula, ab ea parte ſita eſt, quae Syriam ſpectat, [d] portum ſpatioſum habens aquilonem verſus, quem facit ſyrtis terrae a meridie conjuncta, quae recta in mare per CIↃ paſſus excurrens uſque ad dimidiam partem undis extat; reliqua pars, quae undis tegitur, paulatim terram verſus inflexa ultra urbis longitudinem extenditur: hanc rurſus mediam dividit altera brevior ſyrtis ipſa quoque latens, quae recta ad [e] arcem tendit ſitam ad mare, ita arcem in media urbis longitudine ſubiens, ut anguſtum oſtium portus relinquat; cujus alterum cornu haec ipſa ſyrtis eſt, caſtello munita; alterum cornu propugnaculum facit, quod arci conjunctum in mare aliquanto ſpatio incurrit: quo fit, ut portus ad omneis ventorum flatus tutiſſimus ſit, fluctibus partim a ſyrti extante omnino repulſis, partim duarum latentium ſyrtium objectu illiſis ac contuſis, ut navigia, quae portum ſubiere, neque laedi neque jactari queant. Urbs vero IICIↃ circiter paſſuum in circuitu patet forma quadrata, moenibuſque et foſſa praealta cingitur, ac XIII turribus unoque propugnaculo per totum ambitum munita eſt; quarum quae murum et meridionale latus tegunt, [f] Armamentarii et Limiſi nomine vulgo appellantur; et altera ad maritimum, altera ad terreſtrem angulum eſt. Rurſus iis per totam muri longitudinem interpoſitae ſunt turres [g] Campi Sancti, Andruſii, S. Nappae. Latus occiduum turres [h] Diocaris, Moracti, Pulocazaris, S. Lucae, ac propugnaculum, quod eſt ad alterum angulum [i] Martinengi vulgo dictum, firmant. Tertii lateris ſeptentrioni objecti angulus maritimus turrim habet [k] Adamantis dictam; inter quam et propugnaculi angulum

INTERPR. [a] *Odeſcalco eveque de Penna.* [b] *Portugal.* [c] *Precipola.* [d] *porto poſto tra levante & tramontana fatto da alcune ſecche e ſcogli.* [e] *la Fortezza.* [f] *Torrione del Arſenale & Limiſſo.* [g] *Torrione di Campo Santo, del Andrucci, Santa Nappa.* [h] *Diocar, Moracti, Pulocazar & S. Luca.* [i] *Balvarde di Martinengo.* [k] *Torrione detto il Diamantino.*

angulum [a] Mozzi turris interjecta eſt. Quartum latus maritimum, quod aquilonem et ortum ſpectat, perpetuo cinctum muro, arce, quae in media urbis longitudine eſt, et duabus turribus, quarum alteri [b] Dominae, alteri [c] Portae maris nomen eſt, firmatur. Septem praeterea munimenta intra urbem paulum a moenibus retracta conſurgunt, ea ſtructura, quam hodiernus bellandi uſus invenit: quorum duo duos maritimos urbis angulos tuentur; vocaturque alterum [d] Armamentarii, quod in meridiem, alterum [e] Adamantis, quod in ſeptentrionem vergit: duo reliqua terreſtreis angulos [f] S. Nappae nimirum et propugnaculi, quod initio diximus: quintum [g] Moracti duobus angulis interpoſitum: ſextum Mozzi, quod eſt inter angulum terreſtrem propugnaculi et maritimum boreae obverſum: ſeptimum [h] Campi Sancti maritimo angulo, qui auſtro obvertitur, et terreſtri e regione illi reſpondenti interjicitur. Haec urbis facies et ſitus, ad quam Turci continuatis operibus in dies propius vallum promovebant, excitatis undique caſtellis ac munitionibus, per quarum foramina machinas immittebant, adjunctis ſcloppetariis, qui tecti infeſta diſploſione defenſores inceſſebant. In urbe erant, recenſitis omnibus copiis, IVCIƆ peditum, IƆCCC equites, IIICIƆ ex oppidanis ac ruſticis, CC [i] Epirotae, qui egregiam admodum operam in obſidione ea navarunt; iiſque cum ſummo imperio praeerat M. Antonius Bragadinus, et poſt eum Aſtor Baleonus; tum Laurentius [k] Teupolus Paphi praefectus, et Andreas Bragadinus arcis Famaguſtanae dux, et Neſtor Martinengus, cui rei tormentariae et artificialium ignium cura commiſſa erat. Initio eruptionibus ab obſeſſis certatum ad interturbanda opera; a quibus tandem abſtinuerunt, poſtquam poſtrema eruptione XXX delectos ex ſuis amiſerunt, et LX inſuper graviter vulnerati ſunt. Turci mox caſtellis decem extructis, in iiſque collocatis machinis LXXIV, in quibus erant IV immanis magnitudinis, quos illi Baſiliſcos vocant, XIV Kal. Jun. murum in meridiem verſum porrecta verberatione ab angulo Armamentarii ad [l] Limiſi portum ex quinque partibus pulſant: cui muneri ipſemet Muſtaphas praeerat. Nec minore cum impetu, certe majore cum ſucceſſu obſeſſi contraria verberatione Turcos infeſtabant; relatumque ad eos fuit a captivo quodam ad IIICIƆ hoſtium deſiderata fuiſſe. Quatriduo continuata utrinque pulſatione, cum propius Turci ſemper accederent, in urbe regiones inter duces diſtributae ſunt, quam quiſque tueretur; et M. Antonius Bragadinus quidem [m] Andruſii turrem, Baleonus S. Nappae, Teupolus S. Campi turrem ſibi ſumpſit. Quae eadem ratio ſi Nicoſiae ſervata fuiſſet, proculdubio aut diutius extrahi obſidio, aut omnino urbs periculo eripi potuiſſet. Ita duobus diebus elapſis, quibus ex noſtris Franciſcus [n] Troncavilla ductor ſtrenuus tormenti ictu enectus eſt, Turci praetorianum in urbem mittunt cum literis, qui a Baleono non admiſſus et protinus cum reſponſo audaciae pleno remiſſus eſt. Poſtridie poſt vehementem verberationem literae illae in foſſa repertae ſunt, quibus Famaguſtani jubebantur deditionem facere, fide data, ut vita, bona, ac libertas ipſis, mulieribus, ac liberis ſalva eſſent. Tum ad ſingulas turres additi, qui rei tormentariae praeeſſent: Franciſcus [o] Bugona ad Armamentarii propugnaculum deſtinatus; [p] Petrus Contius, Neſtor Martinengus, Hercules Martinengus comes, Horatius [q] Velitrenſis, Robertus [r] Malvetius cetera ordine tuenda ſuſceperunt. Ea cura et diligentia effectum, ut longe maxima detrimenta Turci acciperent, ex quibus XXXCIƆ cecidiſſe creduntur, corruptis XI machinis. Verum obſeſſi metu, ne aſſiduis diſploſionibus pulvis deficeret, modum faciendum cenſuerunt, et ad

treis

INTERPR. [a] *di Mozzi.* [b] *della Donna.* [c] *porta del mare.* [d] *Torrione del Arſenale.* [e] *Torrione detto il Diamantino.* [f] *Santa Nappa.* [g] *Moracti.* [h] *Campo Santo.* [i] *Albanois.* [k] *Tiepolo gouverneur de Baffo.* [l] *Limiſſo.* [m] *del Andrucci.* [n] *Troncavilla.* [o] *Bugon.* [p] *Pietro Conti.* [q] *da Veletri.* [r] *Malvezzi.*

CIƆIƆLXXI. CAROLUS IX.

treis emiſſiones in die ſingulae machinae rediguntur: facta et ſpes ſuppetiarum celocis e [a] Creta adventu, credulos ad ultima perferenda animavit. Nec ceſſabatur utrinque. Tandem poſt magnam caedem Turci ad foſſae crepidinem perveniunt, faſtigiatoque muro moenibus adverſo potiti foſſam replere aggrediuntur terra ingeſta ac ruinis in foſſam procidentibus, quas obſeſſi ſedulo nocturna opera ac diuturna egerebant: ſed ad extremum perforato pluribus locis crepidinis muro, cum denſa ſcloppetorum grandine infeſtarentur, inceptum omittere ſunt coacti. Joannes [b] Mormorius vir ſingulari induſtria tabulas quaſdam arte conjunctas excogitaverat, quae ab operariis ferebantur, et praeſidiarios ab hoſtium ictibus defendebant: verum is inter pugnandum magno ſuorum dolore interfectus eſt. Itaque Turci foſſa potiuntur; eamque aperto muro ingreſſi terra ingeſta ad ſummum implent, binis munitionibus excitatis, et ad quinque loca tormentis quaſſata productis, quae latera ſubeuntium utrinque defenderent; eaſque e veſtigio magno ſaccorum lana refertorum ac ſarmentorum et faſcium vi firmant, tanta craſſitudine ut ab ullis ictibus penetrari non poſſent. Ita tecti ab ictibus Turci, quinque partibus muro ſuccedentes illum ſubruere, et cuniculos ad urbem agere inſtituunt: quos obſeſſi nihil animo infracti artificioſis ignibus in munitiones aſſidue conjectis diu diſtinuerunt, dum in reficiendis illis neceſſario ac continuo labore defunguntur; tum contrariis actis cuniculis hoſtium conatus plerumque irritos reddiderunt, diligentia praecipue ac induſtria Baleoni, cujus corpus nullo labore fatigari poterat, aut animus taedio vinci, quo minus omnibus locis diſcurrens et operum praeſens ſpectator ſuos adhortaretur et confirmaret, operariorum operam modo acuens, modo langueſcentem excitans, ac pro re ac tempore nunc militem laudans, nunc increpans, poſtremo omnia maxima et minima ipſe obiens, quaeque militaris ac imperatorii muneris erant, pariter faciens. Demum ad XI Kal. Quintil. Turci cuniculo ſub turrim [c] Armamentarii acto ignem immittunt; cujus vi cum horribili fragore craſſiſſimi muri tanta parte dejecta, ut defenſores toto corpore extarent, protinus Turci nihil cunctandum rati vim faciunt, quinquieſque connixi toties a noſtris ſumma virtute repulſi ſunt, Baleono ſaepius in media pugnae mole verſante; cui a Bragadino et Quirino recentes in feſſorum locum, et integri qui ſauciatis ſuccederent, continuo ſubmittebantur. In eo conflictu ex obſeſſis c, et in iis praecipui nominis [d] Joan. Franciſcus Gorus comes, Bernardinus Eugubinus periere miſerabili caſu ab artificioſis ignibus a ſe compoſitis et imprudenter adminiſtratis hauſti; graviter et ex noſtris vulnerati Hercules Malateſta, et [e] Petrus Contius: plures ex hoſtibus ab arcis praeſidiariis interfecti. Sed magis a continuo labore ac vigiliis, quam a vulneribus et pugnis obſeſſi infeſtabantur, dum ad ſonitus ſuffodientium et cuniculos agentium munitiones interiores ducunt, et cuppis ac ſacculis madida humo refertis ruinas ſarciunt, oppidanis ſtragula, lintea, tapetes, aulaea, focalia, omnemque ſupellectilem pretioſam ſine ulla retractatione in tali periculo ſubminiſtrantibus; quae cum continua tormentorum diſploſione ſaepe everterentur, et ſaepe reficienda erant, et quae die aperiebantur ac proſternebantur, ea nocturnis operibus obſtruenda atque erigenda: cui malo et accedebat, quod Turci ad arma ſaepe clamantes praeſidiarios in armis perpetuo habebant, ut nulla a laboribus ac vigiliis nocturna aut diurna daretur quies. Octavo poſt die cuniculum ad propugnaculum in ſaxo excavatum incendunt, qui tanto impetu ignem concepit, ut ſaxo aperto murum ſuper aedificatum et munitionem pectus tegentem ingenti ruina everterit. Ad eam mox accurrentes Turci et ad navalia eodem tempore

INTERPR. [a] *Candie.* [b] *Mormori.* [c] *del Arſenale.* [d] *il conte Giovan Franceſco Goro, & Bernardino da Agubio.* [e] *Pietro Conti.*

60 - 51 0ˢ - 506+ - ˢ ., +6 6ˢ 3+0 *ˢ 12 4" ˢ + - - .ˢ ."., 6.60ˢ .,ˢ ,1* 6.*6 .ˢ 50 ˢ 0/ˢ ˢ
71 . + - ˢ 5.6 + - ˢ + 6 .), +*6ˢ .ˢ - .+" 0 26 8ˢ 3+.0ˢ - .<1 0ˢ 0/5+9*.6 1* 8ˢ - 06+ˢ *. ˢ ˢ ˢ
6+ ."0 - ˢ 0/+8ˢ 6 - 4 6.60 - ˢ +50 .*60ˢ 1 6 60 ˢ 06ˢ 5 .0ˢ *ˢ 5. 60 - ˢ ".21 8ˢ :0* 02.*6ˢ
0 :0*60 - ˢ .3+. - ˢ *ˢ +2 +*60 8ˢ 0 +*40*41ˢ .4<+6 ˢ 06ˢ 05 ,151dˢ - ˢ .4ˢ 5+9*. - ˢ
1 6 60 ˢ ,.50 0*4. - ˢ *" "608ˢ 5 .0".61ˢ .+9+ 6 - 1ˢ, +, 8 9*1ˢ .471 6.*60 ˢ $0 0 0ˢ
ˢ 0.ˢ 5+9.ˢ 0/ˢ *1 6 8ˢ 0.* +8ˢ 5 - . +8ˢ ,0*6+ 1ˢ Ủ .0" +8ˢ J1,. +8 ˢ . - +8ˢ
J - .*+8ˢ ˢ 9 .: 60 ˢ :+"*0 .6ˢ Ủ (5"4. 0""+8ˢ *61* +8ˢ ˢ ,+".*+8 ˢ A1.* ˢ 9ˢ) 6 ˢ
I*0* 8 ˢ .4ˢ . - . - 0*6. + - ˢ +2 ˢ - .<1 0ˢ 4. - *1ˢ ,5+"" ˢ 71 608 ˢ 40 40 .6+8ˢ A.,12+8ˢ
J.2 .*+8ˢ ,+ - ˢ :ˢ 6.*6+ - ˢ - " 6 2+8ˢ 2 0 %1 + - ˢ & 6+60ˢ 6+50 . 6 %+ , ˢ .2ˢ 0 ˢ
4 0ˢ : - ˢ ." 3+.761ˢ 60 - 51 0ˢ .2 6 - +0 +*6ˢ 04"R. 8ˢ *60 - ˢ : 2+8ˢ 06ˢ - .,7 * 8ˢ
5 15 +8ˢ .4 - 16 8ˢ .+6ˢ "1,1ˢ E1* - 14 1 0ˢ 6 ".6 8 ˢ 40,+ 8ˢ +2 3+0ˢ 504+8ˢ 40 0* 1 + - ˢ
6,90*6 2+8ˢ - +* 6 1* 2+8ˢ ʻ 3+ 2+8ˢ 0 , 0*4 8 ˢ ,) - ˢ <. - ˢ 12 0 ˢ 5. 08ˢ *1*ˢ 0"%0*6ˢ
3+14ˢ +*+ - ˢ 6. - 0*ˢ 5160 .*6ˢ 5"+60 8ˢ 06090 0ˢ 06ˢ 6.2+".6 8ˢ .4ˢ !%ˢ ,1 - 5. .6 8 ˢ 06ˢ
,1*6 . 18ˢ ,+* ,+ 18ˢ +,0 0 ˢ 06ˢ .4ˢ "1,+ - ˢ +"3+0 ˢ *ˢ 3+1ˢ %+ , ˢ 6.2.*6 ˢ 5 1 - 1:0 0ˢ
.6.902.*6ˢ %0 6 .ˢ a55+9*.6 1ˢ & ˢ 4ˢ (0/6 "ˢ .4.ˢ 3+.6+1 ˢ "1, 8<ˢ .4ˢ - +* ˢ
- 0*6+ - ˢ .*60ˢ - ˢ 5166. ˢ .4ˢ ?(ˢ .55.0ˢ 6+ *. ˢ *4 + ˢ 6+ - ˢ 06ˢ 6+ - ˢ
.,ˢ ,1*6 *0*60 - ˢ *.:."+ - ˢ - + + - ˢ 2 ˢ ., +8ˢ 3+. - ˢ .*60ˢ 06ˢ .6 1, +8ˢ 5+9*.6+ - ˢ ˢ
6.*40 - 3+0ˢ %+ , ˢ 04ˢ - .9*1ˢ .,,056 a ˢ 406 - 0*61 ˢ - +* - 0*61ˢ 516 6 ˢ +*6ˢ ʻ *. - ˢ
"".6 *"ˢ , - ,+"1ˢ 6*,5. 1ˢ L: 41 08ˢ .4ˢ , 1ˢ 71 2 " ˢ 504.,+"1ˢ 0 - ,. *6 8ˢ 9* 8ˢ : ˢ
,1* " - 56 ˢ +*6 ˢ ,+ - "3+0ˢ ,ˢ 0/12 0 " 8 ˢ 3+ ˢ : 41 2+8ˢ - - 6 ˢ 0ˢ ,.561ˢ 5 15+9 ˢ
*.,+"1ˢ .4ˢ +18ˢ 0, 50 0ˢ *1 #ˢ 516+0 +*6ˢ /ˢ *1 6 8ˢ 50 0 0ˢ 120 6.8ˢ .":06 +8
.: 4ˢ ˢ 1,06+8ˢ ,. 6 1 + - ˢ 5 .0 04+8ˢ < Ď . ,706 +8ˢ J - .*+8ˢ 9 .: 60 ˢ :+"*0 .6+8ˢ
J 15+9*.,."1ˢ 6.ˢ 40<041 ˢ +6ˢ 0 N, ˢ *1*ˢ 51 06 ˢ ,+ - ˢ - 6 + - ˢ ".6+8ˢ 1"+ - ˢ 0/ˢ 1 - B
* 2+8ˢ + 2 #ˢ 5. 6 2+8ˢ 0 0ˢ ,3"".5" 8ˢ *609 + - ˢ +50 0 "06ˢ 5+ - ˢ 3+13+0ˢ + 14 ˢ .2ˢ
71 60I,1056+ - ˢ 4 2ˢ 6ˢ 7+ ˢ + 3+ 3 X 40 - ˢ - ˢ 51 6.ˢ 5.60 .4.ˢ 0 - .* 6 .6 ˢ 50 ˢ
3+.*.ˢ 12 0 ˢ +4ˢ 090 0*4.8ˢ . *.8ˢ 06ˢ 0 +56 1*08ˢ ., 0*4.8ˢ 0/ 2.*6ˢ ˢ 3+.0ˢ 6+*,ˢ 40 ˢ
- + - ˢ 3++ ˢ 22 6 +4.ˢ 0 6 ˢ 0#ˢ 5 4 0ˢ ˢ ,<+ 40 - ˢ - 0* 8ˢ 3+. 6.ˢ 155+9*.6 1ˢ .4ˢ
0. *ˢ .4. ˢ 0 + - ˢ .4ˢ 0060 .ˢ R@,.ˢ %) , ˢ .4ˢ . - .ˢ ,1*,". - . "0*6 ˢ 3+1ˢ 40 0* 1 08ˢ 5"+ ˢ
2+8ˢ "1, 8ˢ ,,+5.618ˢ .2ˢ 50ˢ ".21 .*6 2+8ˢ 0 0*4.ˢ 0:2,. 0*6 ˢ .6ˢ ."01*+8ˢ ,+ - ˢ
40"04.ˢ - .*+ˢ .41ˢ - 506+ˢ 0 + - 50*8ˢ - .9*. - ˢ ,.040 - ˢ 12: 1 + - ˢ 04 4 6 ˢ ,060 18ˢ
*ˢ +9. - 0 6R ˢ 69*106 . - ˢ 3+14 5 0ˢ ; ˢ 0/ˢ 9* 0 ˢ - .* 2+8ˢ 0 5+0 .6ˢ *+ 20 - ˢ
."".61ˢ 06ˢ ." 8ˢ / - ˢ 9* 8 ˢ 0+* ,+"13+0ˢ ".60 8ˢ *,0* 1ˢ E ,? +50 6.*608ˢ %+ , ˢ
/1*, 0 - .6 ˢ +*6 ˢ 1608ˢ * 7 "1 - *+8ˢ 40ˢ ,1*6 *+1ˢ ".21 8ˢ * 7 "ˢ 0 - 660*608ˢ 7+ - 1ˢ
090 6.ˢ *ˢ 1 05 4 *0ˢ 1 .0ˢ 60(61 .ˢ ,3""1,.*6ˢ " 0 ˢ +6ˢ .2ˢ 4 2+8ˢ 12 0"%1 - - ˢ 6+6 ˢ
0 0*6 ˢ 6+ - ˢ : - - ,7 *.8ˢ *ˢ 0. ˢ 6.6++*6ˢ +.0ˢ 0/ˢ 5 15 *3+1ˢ *ˢ + 20 - ˢ 0<.,+ ˢ
.2.* + ˢ 6 ,ˢ ,0 .2.*6ˢ 55 4.* ˢ 63+ˢ 50) 2+8ˢ 2+2+" 8ˢ - .4 4.ˢ 7+ - 1ˢ 06ˢ ".*.ˢ
0 0 6 8ˢ .,ˢ +* 2+8.* 1 0,1* 6 +4 8 + *.8ˢ 12 6 +02 - 6ˢ *ˢ ,13+0ˢ 150 0ˢ 10 - ˢ
*. + - ˢ 5 .0 5).ˢ 4 " 90*6 .ˢ 0 6ˢ & 6+8ˢ + 6ˢ 3+.0ˢ *ˢ ,171 608ˢ 5. 6 6.0ˢ *40 0 "2ˢ ".21 0ˢ
L,1 - - .ˢ * *0 .ˢ - 5 9 0 12 2.*6 ˢ 7+ - + - ˢ ./.< 3+. - ˢ .4ˢ *,034 .ˢ 0 6 *9+0*4.ˢ
7" 1 +0ˢ *0,0" . 18ˢ .55. .6+8ˢ +4ˢ "1,. *ˢ 3+ 2+8ˢ ".21 .2.6+ ˢ ,1 - 51 6.*608ˢ + - ˢ
0.5 0*4.3ˢ 51 6.0ˢ 6+8ˢ 75 6 + - ,1*.6+8ˢ + 06 ˢ ." . - ˢ 15< 9) .6 1* 8ˢ : . - ˢ *0+*6ˢ
L - ;04. - .9*. 6.04.0 : ˢ *ˢ 1"%. - ˢ 3+.0ˢ +2 61ˢ 9*0ˢ 01*,0561ˢ ,+ - ˢ - .9*+ - ˢ - ˢ
00*4 + - ˢ 0/, 6.: 6 ˢ 5. "206 . - ˢ ?606 ˢ 141 0 ˢ 6.ˢ +6ˢ 06ˢ .0 6+ˢ * - 1ˢ 06ˢ 9 .:01"0*6 .ˢ
40 0* 1 08ˢ : 4 ˢ "1,1ˢ 0/,040 0ˢ 0190 *6+ ˢ 3+1ˢ .4+ - ˢ +6ˢ 71 608ˢ *ˢ 1 ". - ˢ 6+61ˢ
40 ,0*40 0ˢ 06 - +* - 0* + - 0+* ,+" 8ˢ 4 +6+ - ˢ - 0 - 0*61ˢ "0 ,0 0ˢ 516+4 *6 ˢ *ˢ
ˢ 0<+ 3+0

A %% $ ˢ Ả2 ! '' $!#$ Ủ 2ˢ 5(/ ˢ ˢ 2 Q " $ ˢ # $ Iˢ ˢ - $
ˢ ˢ ˢ K ˢ (! $ 2 !# ˢ % ˢ ˢ 2! $ ") ˢ ˢ " $ 1 Vˢ / "ˢ
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1 ˢ " 6ˢ ??

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,<+ 3+0 . 0. ,1""1,.6. - .,7 *. 51 6. - :0 20 . 0 ,1050 *6 3+. - 6. - 0* 12 0
*90*6 ./1 + - .,60 .0 : - 1/ 12 +0 +*6 A. - 3+0 .4 0/6 0 - . :0*6+ - 0 .6
40 , 0*60 , - - 0.6+ ., : 4+ 6. +6 ,+ - .*60. .,061 .3+. I- 61 "1,1 : * +
<. - 5 1 40 , 0*60 ,. 01 5 .060 0.?06 ,. * 2+8 ." 6 8 1 - * 3+0 90*0 8 +9 2+8
., 51 6 0 - 1 03+ 8 . * 8 ., 0" 2+8 4 + : 6. 61"0 .6. .4 61 - . - *15 . - 04.4
0"%0*6 3+.0 6. - 0* 1 - * . 4+,+ - : 6+60 ., 5 1: 40*6 . - "6+ - 60 - . 41 0
+50 .2.*6+ 3+ 2+8 +2 4 0/ 06. 5 1/ - 508 .47+,.* - 18 ., 02.6 . -
40 ,060 1 : " . 6."1 + - 8 .4 "1,,, 04.4. 0 .*6 ,+ - ,060 :. . 50 6,
50 "0*6 E .0, 06 . - 06 ." 3+ - 0 1 :."40 - - *+6 0 .*6 +50 6 60 3+0
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.+6 . - . + " *0 0 5160 .*6 G+ 2+8 - 4 8 : 4 + 2 8 5 - 1 08 55" ,0 - " 20""+ -
.9.4 *1 51 9+*6 06 40 +. 40 06 09 09 0 .4 50 * , 0 - + 3+0 *.:.6. 150 .
5 .0 .6 506+*6 +6 0 * - .* 0 61 06 *0: 6.2 " 50 ,+"1 0 5 , .6 *0:0 0 5 18
5 .0 4 + - - 0 18 , :0 8 ,+ - +/1 2+8 ., " 20 8 - - .* < - 1 + - 71 6 + - ,.0
4 2+8 *<+ 8 ., ,1*6+ - 0" 8 12< , .6 04 404 6 1* 8 : . 3+. - 71*0 6 8 ,1*4 6 1
* 2+8 .47+, - 506 . 0 50 0*6 +* :0 8 ,1* ".6 18 20* 9*. ., .5 0*60 1 .6 1*,
1".6+8 .9.4 *+8 ,+ - 40 .+/ " 8 2 0: + - - 660*4 8 20*0 50 . 0 <+ "06
,0"1,0 - 3+0 12 4 06. - - "06 0. 50 + "/. 0*6+ *1* 0+ - 0 0"%0 1 60*40*8
3+ 50 6 *., . +. ""18 0 5 + - 5 .0 4 + - 6163+0 5 .03". 18 4+,08 71 6 <+
9+".*418 6 .40 0 * .* - 1 7.20.6 04 5 1 *0,0 "6.60 0/ 5 1 + - 0*60*6 . ,1* "+ -
06 .56+ + - 0, 5 6 3+ 2+8 :0 2 8 "" + +8 .* - 8 0 + - 56 8 .4 0/6 0 - . +20+74.
0 ,1 - . .*6 %+ , :061 150 2+8 <. - .4 0/ 6+ - 50 4+4 8 * S." (0/6 " 9*0
* ,+* ,+"18 *<04 1 5. 60 - ,. 60"" 51 6.0 - - *0*6 8 ., 3+ ,3+ 4 6+ 8 *.:." + -
.47+, 6. ..6 0:0 6+*6 - +"6 8 12 0"%1 + - .63+0 +* +8 9* ,171 65 ,+ - + *.
12 +6 8 R ,1* 0 6 - 3+0 - 10* . *:.4+*6 0/3+0 71 . + - 5.6 1 ., 60 5+9*.6+ -
+ 6 ., - +"6 0/ %+ , 8 40 40 .6 (03+0*6 4 0 04 *609 .6+ - +2 - 0 4 0 -
,0 6. - 0* 04 - *1 0 : ., - *1 0 +6 + 3+0 5. 6 8 4.* *1 %.*40 - ,+ -
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5 1 - "2 + - .+/ " 1 + - + 3+. - 05 .0 0*6. 06+ 3+ 550? . C166+8 . 2. +8
,+ - .+/ . 2+8 06. :0* 0*8 .4:0 .60 - 50 ".60 <.4.6+8 *.+ .9 + - 5. "+8 +0 .6
5.4 8 *4+, 8 +6 40 ,1*4 6 1* 2+8 .90 06+ +6 *3+0 12 408 4.6 0/ *1 6 8
0 ,+"08 . 6 *0*9+8 06 .667.0+8 , 1" +8 J. - .9+ 6.*+8 5 %+ , 8 + 6.57.0
06 5 .0 04 5 .061 .*1 + - "09.6 3+ * 7.8 "0908 ,1*:0*0 0 +6 - "608 .,
4+,08 *,1"+ - 08 ,+ - - 504 - 0*6 8 . - 8 : - .,7 * 8 ., * 9* 2+8 03+ 8
6+61 * 06. - 6 *0 0 4.61 4 ,04.*6 .4 3+. - * +". - %+ ,1 + - 6 0 - 2+8
404+,.*6+ 55 4.*1 + - *0 - * : 8 .6 *0, 5 2"+ - :0 60 0 ,19.*6+ +.3+0
"" 8 1 - * . .":. *6 ., 7 6 .*1 + - * 6 6+61 " 20 0 : : 0 " ,0.6

% & ,1*4 6 1* 2+8 .4 + 6.57. - - "8 06 5 +8 - .* < +2 , 56 8
- 1/ *1 " - "608 *.: 2+8 . %<6 ,1 ,1 - - 14.6 8 - 51 6 +*6 ., 51 6 4 0 .9.B
4 *+8 0" 41 * + 20 3+ 0. * %+ , 8 ,1* 9*. 06 .+ 0*6 1 Ů %0+51" .4
5+ 5+ .6+ - ."+6.*4+ - +2 :0"50 . - 0/ : 6 ,1 - 6.*6 2+8 0+ - 61 5 ."01*1
"1 1 . 6 *0*91 A1.**0 *61* 1 G+ *1 *4 0. .9.4 *1 . 1"1 .
91*. ,1 J .*, ,4 8 (6 .,1 6041 0 / .*1 ? 0 1*; - 1 (., "01 4+41 2+8
.63+0 ." 8 0/ 5 .0, 5+. *12 "6.60 3+ * 6 1 50 7+* .* 60 . 5+ 5+ .61 .4 -
<+ "2 06 . - <+/6. 2 * 60*61 1 040 0 .9.4 *1 - 1/ - 5*6 1*0 *<04.40 ,.56 : 8
3+18 + 6.57.8 50 *4+, . + - 60 - 5+8 . .9.4 *1 *0,.618 ,."+ - * 1 0 ,1 - -
* ,02.6+ 0 . .9.4 *1 50 *09.6. ""0 + 0*8 ,1* + 9 6 06 *0 - 0 - ., 40 -
,1*:0*6. -

7 ! $ A 6 ## $ 8 # ## ! (" "
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,1*:0*6.-ˢ *03-,3+.-ˢ 1260 6.*60-ˢ : *, ˢ <+206ˢ 5 14+4 3+0ˢ 6.6 -ˢ *ˢ . 0.ˢ
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.4ˢ 1-* .ˢ *<+ .0ˢ 06ˢ .0: 6 .0ˢ 0<,3+ 6.ˢ 0/0-5".ˢ 0 0 :.6+-ˢ,+-ˢ,0 : ,0-ˢ 3+.ˢ
0,+ ˢ <. *ˢ 4 6 4.0ˢ +2<, 0*4.-ˢ 60ˢ 51 90 0ˢ ,109 "06ˢ *. 2+8ˢ 06ˢ .+ ,+"8ˢ
-+6". 0ˢ 5 1ˢ 60-51 &ˢ .6 8ˢ 7.2+6ˢ ' 7+- 3+0ˢ 4 60*61ˢ +50 2 8ˢ 06ˢ ,1*6+-0" 1 8ˢ
:0 2 8ˢ ""+ 6ˢ +2 *40ˢ 3+.0 6.*8ˢ +2 *.-ˢ ++8ˢ ""0ˢ 7 6+8ˢ 0 "06ˢ 3+0-ˢ,1 0 06ˢ 06ˢ
,+ ˢ*1*ˢ 0+-ˢ0ˢ -.* 2+8ˢ 5 +8ˢ 5160*6 .ˢ - -0* .ˢ +.ˢ 0 50 06ˢ 140-ˢ60-51 0ˢ 3+ˢ
? *ˢ *.:0"8ˢ -51 6ˢ +0 .*6ˢ 51".*6+ ˢ 06ˢ 0-1ˢ -.*, 5.*6+ ˢ .0,ˢ 01ˢ 4 0ˢ .4.
$1 6 4 0ˢ + 6.57.8ˢ 1*ˢ (0/6 + 20-ˢ *9 0" 8ˢ 0 6ˢ 06ˢ .44+4+-ˢ %0+51"+-ˢ .*60ˢ
1-* .ˢ +"50*4 1l *0,. ˢ <+ "6ˢ "3+.*61ˢ *60 51 61ˢ 5.6 1ˢ / : ˢ S."ˢ (056
.9.4 *+8ˢ *1*4+-ˢ ,+ .6 8ˢ :+"*0 2+8ˢ * 504.*60ˢ 2. 2. 1ˢ .4ˢ 1-* .ˢ -10* -ˢ
"1,. ˢ 3+.0ˢ 3+. 6.6.ˢ ,1 +0 .*6ˢ 6 .4+, 6+ ˢ 51 6.8ˢ 2 *.8ˢ 60 .ˢ 1*+ 6.8ˢ,1""1ˢ 90 6.*8ˢ
3+16 0 3+0ˢ + 6.57.-ˢ 5 .060 :0702.6+ ˢ 60 . *ˢ 1 ,+". ˢ + +8ˢ 40 *40ˢ *ˢ 0"".ˢ
51 6+8ˢ .,ˢ : *4+8ˢ +2" - 8ˢ .4ˢ +- - .-ˢ.*60**.-ˢ +2".6+8ˢ 0 6ˢ +6ˢ - "R ˢ *+50ˢ
*0/16 60ˢ 504.,6 "+-ˢ 5 .020 06ˢ $1 6 0-1ˢ *ˢ 1 +-ˢ 404+, 6+ ˢ.46; -5.*1 +-ˢ
6+2. +-3+0ˢ 1* 6+- ˢ +2ˢ ; :1ˢ - - .*ˢ,. * , *.ˢ 50"" 8ˢ 406 .4.ˢ 0 6ˢ G+18ˢ, +ˢ
, .6+8ˢ ""0ˢ.4 - .*4.,1* 6.*6 .ˢ 50 6+"6ˢ - - .* 6.60-ˢ.,ˢ50 4 .-ˢ71 6ˢ0/5 12 .*8ˢ<
,+ -3+0ˢ .4ˢ +-2 " ,+-ˢ :0*6+-ˢ0 "06ˢ6.*40-ˢ5 1 + 1 0ˢ .*9+ *0ˢ - .*.*60ˢ.* - .-ˢ
156 -0ˢ 40ˢ *1- *0ˢ 7 6 .*1ˢ -0 6.-ˢ 01ˢ ,+<+8ˢ 9 .6 .-ˢ + 8ˢ *40 *0*60ˢ .4ˢ
0+-ˢ 5 0, 2+8ˢ -5"1 .2.6ˢ 044 4 6ˢ $0"" 8ˢ 5."0.ˢ 0 0 6.ˢ .63+0ˢ .*60**.ˢ +"53* .ˢ
*ˢ (; . -ˢ : , *. -ˢ - ".ˢ 0 6ˢ 06ˢ 50ˢ 616.-ˢ 0. *ˢ 1 .-ˢ .4ˢ - - .*0ˢ 504.,+"+-ˢ
, ,+-".6.ˢ *40ˢ ,+-ˢ +41: ,ˢ . 6 *0*9ˢ *4 0.0ˢ .9.4 * ˢ 06ˢ G+ *ˢ ,.5ˢ
6 2+8ˢ 1* 6.*6 *151" -ˢ.4ˢ 0/6 0-+-ˢ 50 ".6.ˢ 0 ,+"08ˢ . 6 * 0*9+8ˢ 12 08ˢ 4.6+8ˢ
+*.ˢ ,+-ˢ A+" 1ˢ .0". 0#E+0" 1ˢ / .*1ˢ ,1- - " 61*0ˢ +4ˢ 0+*+,7ˢ ,+<+ 4.-ˢ
20*0 , 1ˢ 1,, 46.6+8ˢ + 6.57.0ˢ 1 0-ˢ*".9*.ˢ +.ˢ * 0" , 6.60ˢ 0:. 6ˢ ' 0" /ˢ +6 3+,ˢ
+65 +8ˢ ˢ ,+-ˢ 1, 8ˢ -1 6++8ˢ + 606ˢ *03+0ˢ : 6.0ˢ ,1- -14 6.6 2+8ˢ 7 6 .*.-ˢ
5 06.60- ˢ 3+.-ˢ 4060 6.*4.ˢ 50 4 .ˢ 0<0 .: 6ˢ 51 67.2+"%06ˢ 0 61ˢ . 6 *0*9+8ˢ
,1-08ˢ 90*6 " 8ˢ 0<+8ˢ ,+-ˢ 50ˢ ." 3+16ˢ 4 08ˢ *ˢ + 20ˢ ".6+"%06ˢ 51 6 0-1ˢ 2 1ˢ ,+ 4.-ˢ
5 .061 ˢ 0ˢ ,.56 :+-ˢ 404 6ˢ 3+ˢ ,+-ˢ *ˢ ,. 6 8ˢ ." 3+.*4 +ˢ -.* 6ˢ .,ˢ 51 6 0-1ˢ iˢ
C0,7 * 8ˢ *+-0 .6 8ˢ : 6.-ˢ .,ˢ " 20 6.60-ˢ 040- 6ˢ 2
ˢ ' ˢ (ˢ 0ˢ 1 J0 6ˢ 40ˢ 0 ˢVˢ P .9 1ˢ 4 ,0*4ˢ"1,+8ˢ ,+<+8ˢ 0-1 6+."0-ˢ4 0-ˢ
,+-ˢ + 6 .ˢ 4 +ˢ 3+30 : "%0-ˢ 6.*40-ˢ " 20 6.6 8ˢ 0<+8ˢ +"6 -+ *ˢ 050 ˢ 3+ˢ -0 61ˢ
: 6.0ˢ 51 6 0-+8ˢ ,0*"0 ˢ 40206ˢ . -ˢ 6. *ˢ 4 +ˢ : : -+8ˢ 3+.-4 +ˢ " 20 ˢ : : -+8
8ˢ *9". .ˢ *ˢ * +2 2+8ˢ 4 6 1* 8ˢ 04 1".*0* 8ˢ 155 41ˢ 3+14ˢ 06ˢ *12 8ˢ *90"+-ˢ
.* * +-ˢ1" -ˢ404 6ˢ *.6+8ˢ ,+- ˢ 1*1* .,ˢ *.: 60ˢ -0" 1 2+8ˢ " 60 8ˢ 40 *ˢ 06 .-ˢ
57 "1 157 .,ˢ *0,ˢ *1*ˢ -.670-.6 0. +-ˢ . 6 +-ˢ 6+4 8ˢ 150 .-ˢ 40 4 06ˢ 0<+ 3+0ˢ
0ˢ 0/50 -0*6+-ˢ 94 6 8ˢ ." 3+16ˢ -+"6 <+9.0ˢ *03+0 6 6.0ˢ 0 +4 6 1* 8ˢ" 2 8ˢ 0, "%06ˢ
51 60.ˢ<+ 8ˢ, : " 8ˢ , 076 .0ˢ 0ˢ 616+-ˢ -.*, 5.: 6ˢ 0<+ 3+0ˢ +6ˢ + 6+1" 1 8ˢ 1,,. 1*0ˢ
71-1ˢ 60*+ ˢ *ˢ 0ˢ *ˢ ;5 +-ˢ *.: 9.: 6ˢ +2ˢ <+ 4 ,ˢ,."" 0* 8ˢ -+*060ˢ J.-.9+ 6.,ˢ
+2ˢ ˢ *6ˢ .9.4 *1ˢ ." 3+.*4 +ˢ 40 +*4+8ˢ - .ˢ +2ˢ <+9+-ˢ * +". ˢ 0.40-ˢ 3+.ˢ
,060 ˢ 7 6 .*ˢ ,.". - 0<5ˢ *:1"+6+8ˢ 0 6ˢ . - ".ˢ 1-*ˢ " 2 . .ˢ +50""04 "0ˢ 06ˢ
"+,.2 .6 1* 2+8ˢ 5"0 3+0ˢ 5. 6 -ˢ *,71.6 8ˢ 5. 6 -ˢ -.9 .ˢ 0/ˢ 5. 60ˢ. 04 8ˢ *40ˢ
*ˢ .-ˢ 5 1/ - .-ˢ .24+4+8ˢ - 0 .2 "0-ˢ +2 ˢ2. 2. 8ˢ 41- * 8ˢ 0 : 6+60-ˢ "0 ˢ
: : 6ˢ *ˢ 3+.ˢ : " 2+8ˢ -+* 8ˢ 120+*4 8ˢ 6." +-ˢ 0*+*ˢ * 1"0*8ˢ 4+-ˢ 0/0 ,06+ ˢ ,ˢ
60 -ˢ 0 15ˢ $7 ;9 8ˢ 1 - ˢ 0* 55 ˢ 2 5 406ˢ 06ˢ 0<+ -14ˢ .5 0*6 .ˢ
5 .0 6.*6 +-ˢ : 1 +-ˢ 0:1,.6 8ˢ *ˢ -0-4" .-ˢ0/0-5" 8ˢ 1".2.6 ˢ 3+.04.-ˢ 06 .-

ˢ ˢ ˢ ˢ/ˢ 1 ˢ ˢ "ˢ * ˢ ˢ 2 G'>3)ˢ # $ 8$ˢ>
<& .9*1ˢ . " Sˢ ˢ ˢ ˢ1ˢ T
ˢ I'9! ˢ ˢ 2 ˢ ! ˢ ˢ $ˢ 2 " ˢ !
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ʻ *ʻ " .ʻ " 60 . - - ʻ 1" 6+4 70ʻ .,ʻ 60 " 6.60ʻ - 0 - 1 .0ʻ 20*0 , 1ʻ *60 ʻ : * ,+".ʻ ,1 - ʻ
ʻ *0*6.6+8 ʻ %. * 40 - ʻ ,+ - ʻ 4 + ʻ +2 ʻ 0 "06ʻ 9 1 .6+(ʻ 06ʻ 51 63+. - ʻ 0 46+ - ʻ 0 6 ʻ .+6ʻ
*09"04+8 ʻ .+6ʻ * 1 *ʻ 0.ʻ 04+" 6.60 ʻ 3+.ʻ 402+ 6 ʻ 03+ 66+8 ʻ 3+. 6ʻ 218ʻ :06+"+8ʻ .2ʻ *9 .61ʻ
. .6 1ʻ . 6 4 6+8 ʻ .2ʻ - - . * ʻ 70 1ʻ + - 56 2 8ʻ 5. ,0*60ʻ 6 .79+".6+8ʻ 0 6
)ʻ * ʻ - ʻ %+ , 8ʻ 0.ʻ 12 4 1 ʻ 3+.0ʻ ;5 ʻ 6 6) (ʻ 5 "0"" 1*0 - ʻ "" 8ʻ 404 6ʻ
31 * 6 6 6ʻ *ʻ 3+.ʻ / / ,ʻ - ""0ʻ , .5 6.ʻ 2 - * 8ʻ 907 8ʻ 4 :0 .ʻ 50 60ʻ 506 " 0ʻ 50 7 20*6+ Kʻ
06ʻ *ʻ 8ʻ 0/ʻ 5 - 2 2+8ʻ 0/0 , 6+8ʻ # " .0ʻ - "1 8ʻ 5+ 5) .6+8 ʻ I + 6.57.8ʻ 2ʻ :1"+ 6. ʻ
. - ʻ - " 6 . - ʻ F5 1 0 "2 + - ʻ 4 / ʻ 2ʻ % 51" 6. * + (ʻ 5 .061 ʻ J 9+6708ʻ ." .6" . ,ʻ 06ʻ
J . - 2+ . +8ʻ * 6 55 ʻ 9+" ʻ 2ʻ + * +8ʻ 0/ʻ .2 .0ʻ 5 .061 2 (ʻ< Uʻ .57 06 ʻ * 1:+8ʻ
,1 .0ʻ 5 .0 04 8 ʻ ." ʻ %+ 6 ʻ 50 ʻ /&ʻ 4 08 ʻ 3"" 2+8ʻ + 28ʻ +" .6.ʻ + 6 ʻ , , 8ʻ
6+8ʻ 4 5"1 ʻ 1 0ʻ 4 , + * 6+ ʻ , +< 8ʻ 0 ʻ 40 - ʻ 5 ". + - ʻ *ʻ + 20ʻ 51 60.ʻ 050 6. - - ʻ
* + - 0 +8ʻ 0, 6ʻ .56.ʻ J.) .9+ 6. ʻ , + ʻ J . - 2+ . +8ʻ A 14 ʻ . *60.ʻ 5 .0 04+8ʻ , + *ʻ
5 .0 4 2ʻ * 51 6+8ʻ 06 ʻ %) , ʻ 696.ʻ * +".ʻ 516 6 ʻ + * 6 ʻ . - 107 6 - .ʻ 06ʻ 4 6 " ".ʻ
6161ʻ ""1ʻ - . ʻ * +". ʻ .2ʻ 0/60 *1ʻ 41 - * .6+ʻ .05 +8ʻ 155 0 ".ʻ . ,ʻ 40 6 +4.ʻ< 06ʻ +2ʻ
- . ʻ 3+ 40 - ʻ 09;56 ʻ 090ʻ 5 - + - ʻ 40 *ʻ .ʻ 1 - . * 8 ʻ , + - ʻ ʻ $1 , +8ʻ .61ʻ .ʻ
0. *ʻ - +8 ʻ , + - ʻ :061ʻ A+4.0 ʻ 3+ ʻ 5"0 3+0ʻ *ʻ ;5 2ʻ 0 . * 6 ʻ +2% .<. 61ʻ * 50 .61 0ʻ
020"". "0 * 6 ʻ 01 * + *ʻ , +"5. - ʻ + * :0 .ʻ * +".ʻ "+ 6 ʻ - .9 * 8ʻ 4. - * 8ʻ .ʻ - " 60ʻ #! " ʻ
. 04. ʻ 1, , 8ʻ . *5" +8ʻ? , / , 1ʻ 71 - * + * . ʻ 6 6ʻ ,0571 +8ʻ ."" 6 ʻ *ʻ 0 61 .ʻ
0, ,"0 6. 6 , .ʻ , 2 6 ʻ $ 604ʻ .7 2ʻ ."+6 8ʻ ," , : ʻ , + - ʻ ."4 * +8ʻ ʻ 0 1 1";*".ʻ
60 * 0 06 ʻ 09 * ."4+8ʻ * 6 2,7 .0ʻ 5 * ,058 ʻ)6ʻ *<+ .8ʻ .ʻ ;C. * 6 66 8ʻ .0 . 2+8ʻ . , ʻ
,056.8ʻ +", ,0 06 ʻ ;56+7 ʻ , + - ʻ * 0 6.ʻ ,". %0ʻ *9 0 "+8ʻ 06ʻ 09 1*0ʻ :. 6.6.ʻ * - 0* .8ʻ
1508ʻ * 40ʻ .:0/ 6ʻ G . 6. - ʻ ,".40 * ʻ .ʻ , . 41ʻ *9"1 + - ʻ 090ʻ ;5 +8ʻ 5. 0 ʻ ,9<+8ʻ
- 0 * 6 1 * 0 - ʻ +5 .ʻ 0, - 8ʻ 0 * 40ʻ +2ʻ $06 2ʻ +" 7 . " ʻ 090ʻ .ʻ E0)) 0* 2+8ʻ
- +"6+ - ʻ 4. - * ʻ 4, ,05 6 ʻ) 60 ,056.ʻ . ,ʻ 4 056.ʻ * 0, 15 * .61ʻ ,1 6. ʻ 06ʻ - * ʻ 5 .04.ʻ
J. - .9+ 6. - ʻ ,2 - 51 6.6N ʻ 3+. - ʻ 06ʻ - + (&0 + * 6 ʻ 06ʻ 6. *ʻ 4 +ʻ 51 60 ʻ , + - ʻ 5 .0 4 1ʻ
60 +0 + * 6 ʻ 41 * 00ʻ <. * 2ʻ 09 ʻ 0"0 ,70"".ʻ . - .". ,72 + *ʻ 5 * ,058ʻ - "9 * + " ʻ . ,ʻ
5 .05160*60 - ʻ 0/3 , 6+ - ʻ *ʻ * +". - ʻ - " 6 ʻ 3+ ʻ + ,0* .ʻ ?ʻ " ʻ + 20 ʻ . ,ʻ 4 056.ʻ
< ,2 . ʻ 090 - ʻ 5ʻ + - ʻ , + - ʻ 5 - . .ʻ * 12 " 6.60ʻ *ʻ 09;56+ - ʻ .24+/ 6ʻ A. * +8ʻ :0 2ʻ
0ʻ ,ʻ .+ 02 +"*ʻ ʻ 040 - 6ʻ ,6ʻ 6 2+6+ - ʻ . * * + + - ʻ 5.4+8ʻ , + - ʻ * 12 " 6.60 ʻ 3) .5ʻ
06ʻ 0 - .9 * 1ʻ 5 06 1ʻ 50 1"+614 *ʻ " 20 6.60 - ʻ : * 4 0. : ʻ .4ʻ +18ʻ 0 6* +8ʻ 0 6 ʻ (04ʻ
* + 3) . - ʻ 06*. 1 00ʻ , .". - 6.60 ʻ 0/ ,056.ʻ 0. ʻ 3+.)ʻ +2ʻ <+9) - ʻ .ʻ %+ , 8ʻ - .ʻ . + * Nʻ
5.6 6+ ʻ 02 * " 4.6.ʻ 0 6 ʻ 3) . - ʻ , + - ʻ 0 %1ʻ .4 2 * 2+8ʻ 09 * 1ʻ !<0 + - ʻ , : "0ʻ 0/. 6ʻ
0 . "26. - ʻ 3) .0ʻ +41: ,1ʻ (.2.+4 ʻ * +5 - 6 ʻ "09 6 - . - ʻ +"6 - ʻ 09 8ʻ 6" . - ʻ
06ʻ <. ,12+ - ʻ :267+ - ʻ ʻ +2ʻ 3+"2+ ʻ .4ʻ 0 6 + 7ʻ 1" .6. ʻ . , ʻ 5 1 0 56.ʻ * 12 " 6.60 ʻ
,1 - - 0 , 1ʻ 60 4 41 ʻ 70ʻ 6+ 6 , 8ʻ 3+ 40 - ʻ *ʻ 250 0ʻ +2ʻ 6+6 8 ʻ 4 91ʻ 60 - 51 0ʻ :0/. .ʻ
0 6 ʻ &0 06 ʻ 54 6 0 - 1A. ,12 ʻ 70 0408ʻ * +". - 667+0 + * 6ʻ< 3+ 2+8ʻ "". - ʻ %+ 0 ʻ . * *<ʻ
0 0ʻ ,+ 076 8ʻ 5.6 1ʻ 0. ʻ 3+.ʻ 4 / 8ʻ .6 1 * 0ʻ "" 8ʻ 0 5+0 + * 6 ʻ
& ʻ +ʻ ʻ 7.0,ʻ *ʻ ;5 1ʻ 90 0 07 + ʻ * 0ʻ I 7 6 . * + - ʻ 08ʻ ." 8ʻ *ʻ "1, 8ʻ - 0" +8ʻ
7.20 0*6ʻ<$0 67.+8ʻ 06ʻ 5) 59 .6+8ʻ ʻ +210.0ʻ 5 .0 08ʻ , + - ʻ ,". %0ʻ 0ʻ ʻ . 6 1 1"%1ʻ * +". ,ʻ
"" +8ʻ 51 6+ʻ 2":0* 08ʻ 51 6 4 0ʻ 4 ʻ A+ * ʻ .4ʻ 0"1 *ʻ * +". - ʻ :0 * 0 1 * 6 ʻ 06ʻ * 40ʻ
) 4ʻ ʻ 0"0 , . - ʻ ʻ 06.0ʻ 51 6. - ʻ :0" 8ʻ I/7+ - " 1 2+8ʻ :0 50 . - ʻ 40 00 * 40 + * 6 ʻ
0.40 - 3+0ʻ * 140ʻ $0 67.+8ʻ ʻ - 57 - ."" + *ʻ *9 0 "+8 ʻ , , + * 51 6618ʻ : ,18ʻ 9 * 0ʻ 06ʻ
.5 8ʻ :. 646ʻ 7 46 8ʻ , .56 : 8ʻ .2,<34 8ʻ ʻ 0/ʻ 3+ 2+8ʻ * 60""041ʻ / / /ʻ &0 * 061 + - ʻ 6 ʻ
0* 0 8ʻ .74 R0 ʻ 646"40 7ʻ * . * . 0 ʻ 55 +ʻ 5. .6.8ʻ 0 0 ʻ 0 6 1ʻ 51 6ʻ 4 0ʻ , + - ʻ /7ʻ
6 0 - 2+ (ʻ) 4 7 +". 7ʻ :. 6. * 4. - ʻ , + - ʻ 09 04 ʻ *ʻ . * * 4ʻ 7.20 ,6 ʻ .4 :0 .ʻ 60 - 50 6.6

5 17 2 6 D

& ʻ % ʻ # - ʻ ʻ ʻ 1
ʻ ʻ % $ ʻ ʻ % &ʻ / / ! ʻ /ʻ . ʻ ʻ $ʻ 6 $ ʻ ʻ ʻ ʻ ʻ ʻ > ʻ # &> ʻ
ʻ ʻ 7$ ʻ > . ʻ / ʻ ʻ - ? ʻ @ʻ Aʻ .$ʻ / ʻ ʻ ʻ ʻ
6 ʻ ʻ ʻ >B. ʻ ʻ ʻ ʻ C& ʻ /" &D ʻ ʻ f/ 7 ʻ ʻ
ʻ + ʻ EF ʻ

(%) ˁ ˁ

5 17 2 6+8ˁ + 6ˁ +-ˁ *ˁ .*,1 8ˁ %+ ,ˁ .4ˁ # - 57 - ."'"+-ˁ 6. 0*6ˁ :ˁ 1*0 . .0ˁ
*.:08ˁ - " 60-ˁ 06ˁ , -0.6+-ˁ *ˁ !ˁ 06.-ˁ51 6.*608ˁ *1*ˁ *0ˁ 4 ; *.ˁ 150ˁ ! # ˁ
*0,ˁ .-5" +8ˁ 5. "++-Q- "" 2+8ˁ .2ˁ 71 6 "ˁ ,". "0ˁ *.: 9.*608ˁ *ˁ * +". -ˁ *,1"+-08
50 :0*0 +*6ˁ 3+.8 -, /ˁ ." .ˁ *.: 8ˁ 1*0 . .ˁ .4ˁ 2ˁ .* .0ˁ 5 .0 4 +-ˁ - ".ˁ 5.
1 6+*.ˁ +2 0,+6.ˁ0 6ˁ *40ˁ - " 8ˁ.2ˁ ."ˁ)"+C." 8ˁ,+-ˁ ˁ6 0- 2+8ˁ 2ˁ 67; 6-+-
:0 +8ˁ 3+ˁ 0/51 61ˁ *ˁ 60 .-ˁ - " 60ˁ + 20-ˁ "1*90ˁ 1-* +-ˁ 5+"," 0 -.-ˁ.,ˁ *1
2 " " -.-ˁ 40 0* 1 2+8ˁ :.,+.-ˁ +2 61ˁ .41 6+8ˁ ,.5 6ˁ 06ˁ *,0*4 6ˁ -+"6.ˁ 5 .04.
.2. 6.ˁ -.9*.3+0ˁ .0 8ˁ :ˁ * 2ˁ 050 6.ˁ .4ˁ :. 1 +-ˁ .2 ,.6 1*0-ˁ 3+ 2+8ˁ 90*0
1 6 -.ˁ: *.ˁ 0/,13++*6+ ˁ.ˁ*0916 .61 2+8ˁ 40 6 .6.ˁ U%+ 6+ +-ˁ * +".ˁ * +50
.2ˁ 8ˁ *,0*4 1ˁ .,ˁ .5 * 8ˁ 515+".6.ˁ -57 -.""1ˁ 40 *ˁ 1":0*608ˁ "1*90ˁ 4 :0 1
+,,0 "ˁ .* .-ˁ 5 .060 :0 6ˁ +76ˁ *.-ˁ .,, 4 6ˁ +6ˁ 3+1ˁ 4 0ˁ %+ ,ˁ 0/ ,0* 1*0-
0,0 0ˁ 0140-ˁ J .*, ,+8ˁ A+ 6 * .*+8ˁ 4+/ˁ 20""1ˁ -5 90ˁ ,+-ˁ 40"04.ˁ 1 1 +-
-.*+ˁ 3+18ˁ 5 0-06ˁ ,1* , 5 0 .6ˁ .4ˁ 0. *ˁ + 20-ˁ .550""0 06ˁ 3+ˁ ." 8ˁ 5 .0 4 8
* +".0ˁ 6ˁ 3+.0ˁ &0*06 8ˁ *+50ˁ +-- "%. +0 .*6ˁ .4ˁ , 1ˁ 2ˁ .4<+*4 8ˁ 5.".*60 8
.41 6+8ˁ -.9*.ˁ ,".40ˁ . 0, 6ˁ ˁ . .90." 1ˁ * 9*ˁ 5 .6.ˁ 9 .: 60ˁ :+"*0 .61ˁ %+ *
+21 6.ˁ 6,-50 6.60ˁ ,+-ˁ / ˁ6 0-08ˁ .4ˁ "6+8ˁ ."" "0*6ˁ 06ˁ 0/ˁ 8ˁ 6 08ˁ *.+ .9+-
5. ".0ˁ 0 "0*6ˁ 5+6.61ˁ 50ˁ .2.8ˁ -1 0ˁ +1ˁ 20"".61 +-ˁ*+-0 1ˁ + ˁ .+6ˁ .20 "0
.+6ˁ * 1 2 8ˁ 06ˁ :+"*0 2+8ˁ *ˁ *"+".ˁ X 0 0ˁ %4 ,ˁ,1-50 0 +*6ˁ 9 6+ˁ ,6.ˁ 0" 4.
9ˁ ;670 .-ˁ *"+".-ˁ 06.0ˁ 06ˁ $0"151**0 1ˁ *60 <04.-ˁ:0 +8ˁ 60ˁ *60*40 +*6
,6ˁ .4ˁ ,1". ˁ .*+-ˁ.55+"0 6-6ˁ< +2ˁ 0/51 61ˁ *ˁ 60 . *ˁ - " 60ˁ ,+-ˁ 0.40-ˁ -
-.* 6.6,ˁ 9 . ".6ˁ 0 "0*6ˁ .:. *+-ˁ51 6 ,-1ˁ 2.+4ˁ *40ˁ 5 1,+" 0ˁ 0,050 +*6
*60 0. ˁ&0*0 +8ˁ ,". " 8ˁ &0 06.0ˁ 5 .0 04+8ˁ 3+ˁ 1 ,; .0ˁ 0 .6ˁ +6ˁ 40ˁ 71 6 +-ˁ
,1*" " 1ˁ ,19*1",0 06ˁ S. ˁ G+ *6 "ˁ A1.**0-ˁ .+ 04.*+-ˁ ,+-ˁ \ˁ 1"R*0ˁ
. 1ˁ 70 ,* ˁ]ˁ =.,;*67+-ˁ - 66 6ˁ 3+ˁ 3 *61ˁ 51"" 4 0ˁ 057."0* .-ˁ .55+" ˁ
,+-ˁ %+ ,18ˁ 0ˁ .:. *1ˁ =.,;*67+-ˁ 40".608ˁ *60""0/ " *6ˁ 4ˁ &0*0 1ˁ 3+.-ˁ
5 -+-ˁ "9* ,.-*6ˁ + " 8ˁ - " ˁ . +8ˁ 70 0* 8ˁ 06ˁ J .*, ,+8ˁ % 1*+8ˁ 3+ˁ
5 15 +8ˁ 40ˁ 71 6 +-ˁ 02+8ˁ ,19*1 0 0*6ˁ 04ˁ ,+-ˁ *ˁ 6 0-0 8 0ˁ 057."0* .ˁ 3+.-ˁ
:ˁ 6 *0 0ˁ :. 6.:0 .*6ˁ 040+*60 8ˁ *, 4 "0*6ˁ % 1*+8ˁ ."6+-ˁ - . 0ˁ *9 0 "+8ˁ .2ˁ 8ˁ
,.56+8ˁ 0 6 6ˁ 70 0* 8ˁ ,.+6 1 0ˁ *.: 9.6 1* ˁ+ +8ˁ ˁ 1 ,; .-ˁ 60*+ 6ˁ /ˁ % 1*1ˁ
%+ ,ˁ ,+-ˁ 0 , : " 0* ˁ ,". "0-ˁ*1 6 .-ˁ 1 ,; .0ˁ0 "0ˁ 01ˁ 5 16 *+8ˁ 60*40 0ˁ 40, 0ˁ
:0 +*6ˁ&,*0 +8ˁ:0 1ˁ* - .-ˁ0<+8ˁ 5 15 *3+ 6.60-ˁ,.:0*8ˁ 0 ".*.-ˁ3+.* 5 -+-ˁ
+6ˁ <0ˁ ,+-ˁ 104, . 1 +-ˁ ,". "0ˁ ,1*<+*90 06ˁ 6 .* 0ˁ 6.6+ 6ˁ - "2ˁ 5 +8ˁ A1.*
.56 6.ˁ3ˁ 0*04 41ˁ ;5 1ˁ 3+ˁ G+ *+-ˁ06ˁ .*."0-ˁ -1*0 06ˁ +6ˁ 3+.*61ˁ 51 "0*6ˁ
6 0- .-ˁ*+-0 1ˁ * 6 +G 1ˁ +2 03+0 0*6+ ˁ 0,ˁ -+"61ˁ 51 6ˁ %+ ,ˁ:. 6.6.ˁ=.,;*671ˁ
,6ˁ 057."0* . 5"+8ˁ : , 1ˁ ,.5 66 -ˁ +6ˁ, 04 61 ˁ *ˁ - 0 .2 "0-ˁ,.56 : 6.60-ˁ .2ˁ
4+4 8ˁ ?ˁ +67 16+-ˁ 0/ˁ .4:0 "2ˁ 1 ,; .0ˁ :0*0 +*6ˁ +2ˁ "0ˁ ,"." 0-ˁ *1 6 .-ˁ .47+,ˁ
050 6+ 18ˁ 50 .:0 .*6?ˁ *40ˁ 7ˁ ˁ 5 +-ˁ,". " 8ˁ .<0, 6ˁ 3+1ˁ <.-ˁ .*60 ,71-.608ˁ
,+-ˁ6ˁ E .0, .0ˁ 5 .061 0ˁ06ˁ60 0 6 2+8ˁ ,15 8ˁ 40 ,0*40 .6ˁ .+".ˁ0/504 6 1* 8ˁ + 6ˁ
3+14ˁ %+ , 8ˁ +21"+ "%06ˁ 40ˁ 6., 61ˁ 1040 ,ˁ .ˁ ,,,ˁ U 5 16 8ˁ 90*60ˁ 5+9*.,ˁ ,+-ˁ
) ", * ˁ 06ˁ *6 :. ˁ 3+.0ˁ 155 4.ˁ. f 0*06 8ˁ 60*02.*6+ ˁ *ˁ 1 .ˁ -. 6 -.ˁ 5 .0 ˁ
4 2+8ˁ 4)ˁ 5 1: *, .-ˁ *ˁ720 6.60-ˁ. "0 0*4.-ˁ 06ˁ E .0, .-ˁ0/0-5"1ˁ 71,ˁ * 9*ˁ
.4ˁ 40 04 1 0-ˁ 2", 6.*4.-ˁ ,1*6 .41ˁ 0908ˁ 4 4.0ˁ *ˁ 1040 0ˁ 0 .*6<ˁ +6ˁ .ˁ
&0*,6 8ˁ: , 1ˁ .+/ . 1 +-ˁ - 660 0*6+ ˁ 06ˁ ,,ˁ a2 408ˁ .2ˁ 8ˁ 4. 0*6+ ˁ 6ˁ 12 408ˁ
3 40-ˁ 4.6 <ˁ 04ˁ ""ˁ 0 0ˁ 1-*08ˁ , .76ˁ ""1 - -ˁ .+6ˁ " 20 ˁ .+6ˁ .6 08ˁ .+6ˁ ." 3+1

5 1/ -.0

ˁ ˁ 2 ! $ 7ˁ ˁ ! $ 0 ## " ˁ 8 "Q"="5 >ˁ ?ˁ 1"'9
*3+)ˁ . # ˁ ˁ)ˁ ! $,2 9 $ 9 $ ˁ $ Å $ % $ 2% , !$
ˁ" ˁ [ˁ ˁ5 \ˁ ˁ ˁ U ˁ ˁ ˁ% ˁ 0 ˁ
* ˁ ˁ ˁ ˁ , V+ ˁ . ˁ< ˁ 6

% 1 ˁ -

' 5 1/ - .0' ,19*.6 1* 8' : *,+"1',1*<+* 6 ' 3+14' .4' .+/ . ' * 6 1' - % 8 0/' A5 41'
' # , :0* ' ,0*6+ 1' ,+ - ' ,' 504 6+ - ' 6."1 + - ' ,171 60 ' . , +"" ' 5 .060 0. ' 06'
6.' ,+ - ' 5 16.0' 40 0 6 1* 8' :0/ ""+ - ' 0.' 50' + 6+" 0*6 ' / #' - .* 0 61' 50 ,+"1'
12<0,0 +*6' 3+14' &0*061 + - ' 40 - ' .,' 5160*6 . - ' 7.40<X +8' *60 ' 018' - .9*. - '
, 04 6(- ' *1*' - 04 1, 60 ' 0"0: . : 6' . ,' ".20 . 6. : 6
& ' + < + 8' 40 04 1* 8' - 06+' ,75 - .608' ' (,14 .5 ' ,+ - ' 5040 6 2+8' ,15 8'
:0*0 .6' + 20 - ' *' 1 .U ""; , .' 5 .0, 5+1' 6*N 3+ 550' *' - 1*60' . , ,0" +' 4 , " '
51 6. - ' 06' . 60' - +* 6 " - . - ' + ,' .4' 1, , . + - ' ". ,+8' .4<. ,06' / / ,' - ""0' 5. "+8'
5.60*8' 0/' 3+1' . - * 8' 5 1 "+ 6' 3+0 - ' ' 1" 1*. - ' : +"91' .550"". *6') 28' .2' 1 0*60'
1" - ' U *1' "+ : 1' . ""+02.6+ ' ' 04' *+*,' 8' - +6.61' .":01' /' .2' 1"" 1' 1" 1*.0'
5. "++ - ' - "" 2+8' ' "+ - ' 155 4+ - ' 5 .060 "+ ' 0" 4 8' . *6 3+ ' . ":0 ' <+ / 6.' (,14 . - '
:0 6 9 8' (+2<04 ' 1" ' 6. *6.' +20 6.8' 50 7 206+ ' +6' 0 - 0*6 8' , . +' 5 1<04 .' 06' * '
4 90*6' ,+"6+ .' - 18' +4+8' 5 14+, .6' < 06' 50,+408' .' 5. ,+ 8' : , * 8' . ,0*6+ ' *0'
0/' * - .' 120 6.60' + J1,0*6+ ' 48) ", * + - ' 40 *' ,15 .0' .4 - 16.0 155 4+ - '
- . 6 - + - ' +2 ' ,+ - ' 5. + - ' 5 1 ,0 06' ,71 - .608' 5040 6 2+8' ,15 8' .4' ," ." 8'
5 .0 0418' - 66 6' 3+ ' 01 + - ' .4:0*6+ - ?. , ,0"0 . 0*6' +*, 1' . , ,0561 ' 7 $0 67.+8'
6.6 - ' *' 1 . - ' ""; , . - ' ' 6 0 - 0 8' - 66 6' .4' 51 6.*4+ - ' *' ,". "0 - ' - " 60 - ' *'
+55"0 - 0*6+ - ' 01 + - ' 3+18' *' ? 06.' .+6' . - 0 .6' .+6' 0" 3+0 .6' + - ' 0(' 60* '
4+*6' 4+.8' *1 6 1 + - ' 6 0 - 0 8' 4+, 2+8' ,7.0"0' . 2. ,1' 06' $06 1' ? 0 61".C 1'
A.40 0* ' 12: .8' 7.2+0 +*6' < 3+.0' 4+ - ' 50 ,+"+ - ' 0: 6. 0' ,1*. 0*6+ ' ,1* :0 "2'
*' ' 1 , ; . - ' ,+ +' *') "+C." - ' 3+ ' <. - ' .' %+ , , .' ,". 6%,' 5 .0 - "+8' . 150*'
* +".0' 51 6+ - ' 60*02.6 3+0 - 3+0' "" ' 5. 60 - ' +.0' 6(. 8' 0 0' 02. *6+ ' *15 *.61'
5 .0, 5 6. +*6' 06' ,+ - ' 0 J+9 ' "1,+8' *1*' 0 "06' +*4 3+0' , ,+*4.6.0' 0' 71 6' 404 '
40 +*6' - 1/3+0' V' +67 16+ - ' .4' ." - ' 404+4.0' +*6' 40 - ') "+C." 8' / ' S."'
(0/6 " ' 4+.8' 1*0 . .8' 3+.0' : ' 4 ' 0<+ 40 - ' - 0* 8' &0*06 8' 1":0 . *6' 06' 0'
.2' . ' 71 6 + .' 6 0 - 2+8' ,+ - ' - .9*.' 01 +* ' , .04,' 40 0*40 . *6' 150' ." . + .'
3+.0' D(15516R' 0 . *6' . , ,+ 0*6 + - ' *' 5160 6.60 - ' 0409 6' *40' ,+ - ' / : ' 6 B
0 - 2+8' .4' ." - .6 . - ' : . 6. *4. - ' 5 1 04+8' 0 6' ' +2 ' ." 8' 0/51 6 8' *' 60 . - '
- " 6 2+8' (15516+ - ' +50 1 0' . * *1?, .56+ - + * - .' : ' .99 04 6+ ' 4 04 3+0'
- . ,7 * 8' ,+ - ' 5 .0 4 . 18' 3+1' - *+8' + *. - ' 6+0 ' 51 "%0*6' 5 17 20 06' "" ' * '
,0* 68' - +* 6 1* 2+8' : . ""+ - ' 71 6 + - ' 50 + - 5+*6' 06' *60 04 8' ' %+ 48' .' - .<1 0'
*+ - 0 1' : 4 ' 6. *40 - ' 1 - *08' 0 0' 6 +, 4. *6+ ' 5' . *1" +8' + - + +8' . , 8' 5 .0'
04+8' 3+ ' 09 09 . - ' .401' 150 . - ' *' "1,1' , .5 0*41' *+50 ' * . : . :0 .6' *' 71 6 + - '
- . *+8' ,+ - ' ." 3+16?' ." 8' 40:0* 6' ." 8' 2' ; 7. ,7 + *' ,1* ,0"" 6' 3+1' .4' 0+ - '
:0* 6') "+C." 8' 06' 40' . ,+ 6* 8' - .9*150 0' ,1*3+0 6+8' 0 6' 3+14' &0*06 8' +9 0* '
6 2+8' 0,056+ - ' 404 "0*6' <+ 3+0 ' 018' 4040 0' 0, + . "0*6' % . *40 - ' *' *+ - '
' .4 .6 ,+ - ' *9 0 "+8' .4') ", * + - ' ,". 60 - ' .55+" ' 3+1' 06' 0" 3+.' ,". "" 8' 1 - "2'
40' 6 0". *.' 5060*4.' .4' *1 6 1 + - ' 5. .6+8' 4 6+ 2. *418' ,1* " 1' ,1* :0* 6' ,71 - .60'
" 60 8' . ,' *+*, 8' , 02 8' <5" 6. *60' 01 + - ' .4:0*6+ - ' 3+14' 0' 90 0*4.0' *' ."B
- .6 .' ." 60 ' 1, , . 1*0 - ' 5 .060 - 66' . 02.6' 7 6' *' 5 1: *, . ' ,+<+8' 1 .' - . ' 3+. - '
60 .' . , ,040*6 2+8' 1551 6+* 1 ' 0 6%06' * . : ." 2+8' ,15 8' 20""+ - ' .4 - * 6 . 06+ '
) ", * + - ' 60*02.6' (. .' . 6 *0*9+8' 3+ ' 09 ' *1 6 1' %0 - 50 ' 06' +"6 - 8' , : " 2+8'
20"" 8' - " 6. :0 .6' 04' 5. ,0' .4.' : ' 16 ' - 5.6 0*8' +"6 1' +. - ' 150 . - ' &0*06 8'
.44 /0 .6' 8' <. - ' / / /' 616184 08' 12 64 1*0 - ' + - - .' : 6+60 + 6 *+0 .6' 4 " 90*6 .'
06' 5 1 - 56.' 0 - 1". V' %0+51" ' 6 , - + - ' 5 .0 04 ' .+4. , .' .4<+6+8' 3+ ' 2 8' *1*'
,1*60 - 70*4.' 71 - *+ - ' 06' .55. .6++ - ' 20"" ,1 + - ' 06' .3+.0' *5 - 8' ,+<+8' *15 .
*

' ' ' +. ' ' & ' ' % ' ' 1 ' ' ' ' ' # . '
' 4 ' ' ' ' % ## ' ' ' ' V' + ' ' ' ' \' % '
1' + ' 5G ' ' ' ## ' ' . ' ' " ' ' , ' ' ' ?
/ . $

(%) ' ' ' <

*' 155 '".2G .2.6+ ' +2 4 .' *6 14+/0 .6' %.*40 - ',+ -'1 - * .' 3+.0' - "6. 8'
' " ' " ' ' ' ' " ' " '$ ' '
$+ 6 *0*41' 71 6' * h '5+ 5+ .6 8'"1,+ -' 404 6' 7 8' "09"2+8' +6' : 6.' 06' 21*.' - "6
.,' 155 4.* 8' .":.' 0 "0*6' 04' 408' 3+1' - *+8' 0 :. 06+ ' *1*' 6. *' %+ ,1 + -
50 4 .' 3+. - ' ,1*60*6 1' *60 ' 4+,08' 0/1 6.' *' ,.+ .' + 6' " 3+ 40 - ' ,71 - .6,8
4 9.6+8' 3+14' ,.56.0' + 2 8' 40,+8' ,". " 8' .,,0 6.0' .4:0*6+' .4' ." 18' 6 .*8 0 06+
"1,+ - ' *9 0 +8' "+ - ' - "6' 4 5 0*4+ -' 6 .4 4 6' 3+14' ,". . ' ,1* 5 ,.6 ' *0
1' 06' 5 ' 5 .04.0' +2' 1,+"18' 51" 6.0' 5. 6 , 5. 0*6' "" ,1' *' 155 4+ - ' .,,+ +*6
6.' +6' *0 - 1' 0 0' 0/' 155 4.* 8' ..*+8' 0 0*6 + - ' 1 - * .?06' .5 0*6 + - ' 0:. 0 6
: /3+0' (. .' 06' "1, ' 5 .0 0 6+8' 8' 0 .6' 0 1*; - +8' .'&0*0 3X' .'5+ 5+ .6 8' 0 :.6
+*6' (+*6' 3+' . *0*9) - ' ,+"5.' *1*' " 20 0*6' 3+14' <+ 61' , 6 +8' *' 404 6 1*0 -
,1* 0* 06' < ,+ - ' 6. - 0*' ,1* 606' . 6 *0*9+ - ' 6+*,' 0/' :+"*0 0' 40,+2+ "0' 06' ,+ -
0*60*6 . - ' 19. 06+ ' 5 .0 041' 0"51*4 "%0' .2' 71 - *0' 5+97.0' *+6 " ' + 6 .' 40
0.' 0' ,1*") + - ' 0/3+
' , #' 0.40 - ' 3+.0' . 6 *0*9 ' 06' "0/.*4 ' 1*.6 ' : 6+8' + 6' *' , 5'
0*40*412 *6 :. 1' :." 41' .,' - +* 61' 155 41 ' 3+14' ""0' +2' 40,)", * 1' 404 61'
,19*1: 6' *1*' 0/504.61' 0/0 , 6+8' .+6' ,"."" 8' .4:0*6+' +"6 1' 12: . - ' 5+ 5+ .6 8'
5 16 40*8' 5.4.'5 .0 :4 1' 06' 155 4.* 8' *,1"+ - 6.60' 6 .4 4 6' 6' ,1* 6 6 6' 3+ 40*'
%+ ,1 + - ' 408' 0 9.' 155 4.*18' 3+1 + - ' - .9*.' 5. 8' .' ., 8' 7 6 .* 8' 40 , :0 0'
.6' 5 .0""4 . ' 1 - *08' 3+. "' 9 .6 .' 12' 9*.: . - ' *4 9* ' *' 0 : 6+60 - ' .24+4' +*6
1*.6+8' ,+ - ' 0<+8' *" 9*0' ".9 6 + - ' .450 4 .0' *60 5 06.6 1*0 - ' 0*.6+8' &0*06+8'
0:1,. 06' <+ 0' , : 6.6 8' 5 0' .63+0' 0<+8' 51 60 6.8' 5 :.6.' 0 6' 1 - * 3+0' &0*06.'
4 6 1*0' - . 6 - .' .,' 60 0 6 ' 0/60 - *.6+ ' *6 :. ' 0/0 - 5"+ - ' 0,+6.' 0 6' 2' +4+.'
' C1 ,1' *+' 3+.0' 06' *1*': 1' 71 60' 404 6 1*0 - ' 0, 6' *0' +"".' 6. - 0*' +9+ 6 *'
0' $. 3+." , ' 5 .0 04' *16.' 3+0 *' "1, ' * - 6.8' ., "0' 0/,+ .: 6' 0. *' 3+ 40 - '
- 1/' =.,7. .8' (."1 - 1*' .67. ' 5 .0 04+8' - . 6 - 8' .,' 60 0 6 2+8' ,15 8' .4 - 16 8'
0,05 6' *40' *60' %+ ,18' .9 6.6+ - ' .67. + - *0' 4+,0*4+ - ' 0"%06' .*' 5 1560'
*," *.6. - ' .**' 60 - 50 6.60 - ' 0/0+*60' <. - ' (0/6 " ' .' "1*9 1 0' 12 4 1*0' +50 0'
40*4+ - ' 06' 3+ 4: 8' ." +4' 60*6.*4+ - ' %.*40 - ' 5".,+ 6' 1* 6.*6 *151" - ' - 66'
.4' 0/3+ 0*4+ - ' - 50 .61 8' - 50 + - ' < 3+14' 4+ - ' .4:0* 06' *0' *60 - ' 60 - 5+8'
*+6 "0' 0".20 06+ ' .4' *60 1 .' *+8' ,+ - ' 4."" 0' 50*06 .60' 5".,+ 6' 9 6+ ' - "'
. 4 .' 3+0 *' ." ' ' 1 .,1C.*+ - ' :1,.*6' 5 .6.6+ - ' 5 .0 04+8' 06')"+C." 8' 09*'
9' R67.0': ,. +8' , +*' ' 6 0 - 2+8' : ' 4' (0/6 " ' 3+' 2' . 6 + - *1:+ - ' 06' *40'
' + C1" - ' 3+.0' 1 ,; .' * 9 .' + "0' - +"6 8' , 04 6+ ' 5060 0*6' ,+' - *+8' 4. - *'
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$1 6+ - ˁ 0 ,+ 8ˁ ,+ 614 .8ˁ 4+5" , .6.8ˁ : 40 06ˁ 01ˁ 2 ˁ ,.+6 +8ˁ .90*4+ - ˁ 0/ 6 - .:H
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06+" 6ˁ ;ˁ 3+ ˁ *1*ˁ 1"+ - ˁ 4ˁ 4 6 - +".: 6ˁ 04ˁ 6+60". - ˁ E."016ˁ " 20 1 + - ˁ 1 09 .0ˁ
- .6 ˁ .66 2+ 6ˁ 06ˁ , ,ˁ - " 6+ - ˁ 5 .0 4 1ˁ 4+,0ˁ 6+ 0 1ˁ "1,+ - ˁ - .: 6
ˁ ˁ ˁ 5ˁ 6 ˁ ˁ ˁ *61* *8ˁ 1"+ - *.ˁ ,+ - ˁ / ˁ 6 0 - 2+8ˁ 06ˁ ,+ - ˁ 01ˁ " 1* +8ˁ
5 .*+8ˁ 1 - ˁ 6 0 - + - ˁ 5 .0 04+8ˁ 1 0 .*. - ˁ :0*0 .6ˁ ' +2 ˁ ,19* 64ˁ ,". 0 - ˁ
&0*06. - ˁ $ 1 , ; .0ˁ .4" +, ˁ *0,ˁ *0ˁ 50 ,+"1 ˁ : , * .ˁ .401ˁ %+ , , .ˁ ,"."%0ˁ 7.0 0 0ˁ
50 ˁ" 60 .8ˁ 06ˁ *60 *+*418 ˁ &0*0 + - ˁ 1"" , 6.6ˁ +6ˁ *40ˁ ,ˁ *ˁ (, " . - ˁ 3+. - 5 - +* ˁ
,1* 0 .6ˁ < 3+14ˁ 06ˁ ""0ˁ 7.*4ˁ 09* 60 ˁ 0, 6ˁ 5 +8ˁ - 1* 6 8ˁ G+ *1ˁ 06ˁ .*." 1 ˁ 3+ ˁ
*ˁ ˁ 06.0ˁ 51 6+2+8ˁ 7.0 02.*6ˁ +6ˁ 5 ˁ 3+13+0ˁ *.: 2+8ˁ +*4 3+0ˁ ,1*6 .4 8ˁ 0ˁ &0 6 9 1ˁ
0140 - ˁ 5 1 , 00 0*6+ ˁ *60 0.ˁ I A1.**08ˁ + 4 +8ˁ 20""1ˁ E .*.60* ˁ ,1* 041ˁ ,+ -
*

ˁ ˁ ˁ ˁ $ ˁ V ˁ. ˁ ˁ ˁ ' ˁ ˁ / ((ˁ ˁ) ˁ 4 ˁ I ˁ 4 ˁ
B . ˁ ˁ. ˁ ˁ + ˁ ˁ " ˁ ? + ˁ ˁ ˁ 4 ˁ 2ˁ ˁ + ˁ $ˁ ˁ 5 $ ˁ
ˁ ˁ ˁ > ˁ . ˁ ˁ ˁ ˁ ˁ 4 ˁ ˁ ˁ / ?
ˁ && ˁ : ˁ ˁ @ ˁ ˁ 8 / ˁ 7 ˁ ˁ I ˁ ˁ ?? ˁ & ˁ / &

*ʼ .+". -ʼ : * "06ʼ . , ,0561ʼ ,1 - - 0.6+ʼD . , *1*0 -ʼ :0* 6ʼ 066+. 06(ʼ 5.*1 +* ?
ʼ "09 1* 2+8ʼ 3+. + -ʼ ."60 ʼ ,7.0"ʼ 1*, .4.ʼ ."60 0ʼ +5+8 5. 1.ʼ5 .0 0," 2 ";ʼ
*ʼ * .:0 8ʼ - 51 6 8ʼ 1": 6ʼ .44+41ʼ 0, + -ʼ 141" 1 66ʼ *5 61ʼ .0 . 8
" 8ʼ 06ʼ 0" 4 8 ʼ .+".$7 " 55ʼ "20 61ʼ06 h 0*, 0 ".2 0 86 4, - `" 8ʼ ʼ 1413+0ʼ
4 0 + -ʼ * .: 9.6 1*0ʼ + +8ʼ : ʼS ."ʼ (0/6 "ʼ ʼE0*+. -ʼ .55+"6 ʼA. -ʼ .*60ʼ ,<+8ʼ 0/ʼ 5.ʼ
* .ʼ4 ,0" + -ʼ +41; R+8 03+0 0*08ʼ 0ʼA09.6+8.$7 " 551ʼ 4.6 (ʼ .40.3+.0ʼ 0 .*6.4ʼ
5 1 04 1*0 -ʼ *0,0"%. .ʼ0/504 0*4.5 .0 - " +8 +0 .6ʼ 5 0E0*+.ʼ +6ʼ. - ʼ60 * ʼ
51 8ʼ <.4+ . -ʼ 4 " 90*6 .ʼ . , 06ʼ ʼ:. + -ʼ, . "%.*+ -ʼ - . ,7 1*0 -ʼ (ʼ +, 8ʼ 6 ʼ
0 - -ʼ 0.51" 6.* + -ʼ 5 .0 04+ -ʼ 0.51" -ʼ *ʼ 0.*40 -ʼ 0 -ʼ 5 1 , ,ʼ <3206ʼ
,+ -ʼ "09 1*0ʼ 5.* , .ʼ 3+.0ʼ 2ʼ ." 3+16ʼ 4 0 + -ʼ 3+ 0< 0ʼ 0ʼ .ʼ ".21 2+8ʼ 20""1ʼ E .ʼ
.60"ʼ 0/7.+ 6 8ʼ 0 ,0 06ʼ *40ʼ S ."ʼ (0/6 " 2+8ʼ 1": 6ʼ A1ʼ *4 0.ʼU + .ʼE0*+.0ʼ
,+ -ʼ 6 0 - 2+8ʼ + 8ʼ 06ʼ *1**+"" 8ʼ 1*0 . 8ʼ 06ʼ A1.**0ʼ . 41*.ʼ (,+".0ʼ ,". " 8ʼ
5 .0 041ʼ ,+ -ʼ / / : ʼ6 0 - 2+8ʼ *ʼ ʼ +*.0ʼ 51 6+ʼ 0" 4 8 3+ʼ "09 1*08ʼ E0 - .* , .8ʼ
3+ 2+8ʼ "20 ,+8ʼ 14 * +8ʼ 06ʼ & * , 9+0 .ʼ9ʼ ,+0* 8ʼ ,1 - 08ʼ X .00 .*6ʼ06ʼ 6.".8ʼ
,15 .8ʼ 3+.8ʼ (9 - +*4+8ʼ E1*C.9.ʼ4+,02.6ʼ 0, + -ʼ 51 6. 0* 4ʼ : ʼ 4ʼ (0/6 "ʼ
+2ʼ 0.51" -ʼ :0* 6ʼ . , ,0561ʼ 2ʼ 50ʼ *61* ʼ $0 0*16ʼ , . 4 * ." 8ʼ *+50ʼ 09*1ʼ
5 .051 6ʼ - .*6 8ʼ + - -ʼ - 50 ʼ *" 9* ʼ 4ʼ 0 .6ʼ ,056 + -ʼ .ʼ 51*6 ,0ʼ - " + - ʼ 0ʼ
:0 6 9 1ʼ *40ʼ . 41*. -ʼ ʼ$.*71 ?*+ -ʼ 5 .0 - 66 6ʼ 5 0ʼ ,+ -ʼ ,1" 1 60ʼ 6."1 + - ʼ
,+ʼ $.+"+8ʼ (1 6 .ʼ5 .00 .6ʼ 0 ".*. -ʼ 60ʼ *60* (6ʼ 0" 41ʼ 0.51"ʼ ."%.*1 ,+ -ʼ
ʼ ʼ "ʼ6 0 - 2+8ʼ 06ʼ ." 3+16ʼ 1*0 . 8ʼ 3+ʼ "0ʼ ,+ -ʼ ,15 8ʼ 3+.8 ʼ(. * +8ʼ ,1 - 08ʼ 4+B
,02.6ʼ +2 03+0 06+ ʼ 9 6+ʼ ,+ -ʼ *+"".ʼ 60 - 50 6.60ʼ 06. 4.6+8ʼ 0 .*. -ʼ :0* "06ʼ
.ʼ 1"+ - *.ʼ 06ʼ &0*0 1ʼ ".06 6 .ʼ *90*6ʼ 0/,056+8ʼ 51 6 4 0ʼ 3+. -ʼ *ʼ60 . -ʼ 0/ʼ
,0*40 .6ʼ ,1*, " + -ʼ * .061 .ʼ ,109 6ʼ ,+ʼ5 .060 0.ʼ *60 +0 0ʼ +41: ,+8ʼ 03+0ʼ
0*08ʼ $5 - 50 +8ʼ 1"+ - *.ʼ 06ʼ +9+ 6 *+8ʼ ʼ . 2. ,+8ʼ 0 ,ʼ A1.**08ʼ 5 1ʼ ʼ
5.+, .ʼ .4 - 14+ *ʼ - 140 60ʼ "1,+6+8ʼ 0/,+ .6.ʼ 5 .060 6ʼ60 - 51 8ʼ - 1 .ʼ .4ʼ 4ʼ 3+14ʼ
* 6.2.6ʼ ,+*418ʼ 71 6.6+ <ʼ 06ʼ 3+.8ʼ : 0 8ʼ 0, + -ʼ :07.6ʼ 1 60*4 6ʼ * - + -ʼ / / , ʼ
6 0 - 0 ʼ / / ʼ 1*0 . .8ʼ 504 6+ -ʼ / / , 1ʼ 3+1 + -ʼ : , 1 1, , ,ʼ "5.*ʼ 6 ʼ
/ , ʼ 6." ʼ 0" 3+ʼ .4ʼ , 1ʼ E0 - .* ?, + -ʼ - .9*.ʼ 61 - 0*61 + -ʼ . ,ʼ 0" 3+ʼ .5B
5. .6+8ʼ ,15 .ʼ *" 9*ʼ 5 .060 0.ʼ 5 1,0 + -ʼ . ,ʼ 5 - . .0ʼ *12 " 6.6 8ʼ "1 0ʼ 3+18ʼ
90*0 1 +8ʼ .* - ʼ - 506+8ʼ 06ʼ 4 : * 6+8ʼ - 0*6ʼ< .0".6+ -ʼ "+ - 0*ʼ .4ʼ : 6. -ʼ 0" 9 1*0ʼ
06ʼ 9"1 .0ʼ 40:1:0*4. -ʼ - 5+" 6ʼ %+ *ʼ 405"1 .6.ʼ&0*06ʼ ".6+8ʼ, . ". - 6.60ʼ 0. - 3+,ʼ
$7 " 551ʼ *1*ʼ - *+8ʼ 3+. -ʼ 5ʼ 0 5+2" , .0ʼ41"0 0ʼ 60 ".6+8ʼ 40ʼ - ."0:1"1 + -ʼ 5. " 8ʼ
+ - 1 2+8ʼ 12" 3+0ʼ ,3*3+0 6+ ʼ3+18ʼ *1*ʼ :0 2 8ʼ 04ʼ` .4 8ʼ 0 +6.6+ +8ʼ :0 .6ʼ 03+,ʼL
5 .ʼ ,1 - 5 12.6+ +8ʼ *1*ʼ +9 0*4ʼ 5 10" ʼ - 1 .8ʼ 7.40*+8ʼ +6ʼ ""ʼ <.4 60*6ʼ 3+.0ʼ
""6.8ʼ 04ʼ *0,0 " 6.60ʼ 06. 4.6 8ʼ .+/ " 8ʼ 4. - *+ -ʼ . , ,056+ -ʼ 3+14ʼ *+*, *4+ 6 .ʼ
4 " 90*6 .ʼ06ʼ 5. .6 8ʼ .4ʼ 1 - * .ʼ4 , - *.ʼ.* - 8ʼ 0 . , 0ʼ,+5 .6ʼ + ,ʼ .ʼ 1"+ - *.ʼ
9 .6 8ʼ .4 8ʼ 06ʼ 02+8ʼ 1 - * 2+8ʼ .4ʼ 5 1 24 1*0 -ʼ ,1 - 5. .6 8ʼ ,+ -ʼ * 7 "ʼ ." +4ʼ 0/ʼ
504. 06+ ʼ 3+. -ʼ 0" 3+.0ʼ ,". " 8ʼ&0*06.0ʼ . Yʼ 06.ʼ .4:0*6+8ʼ &0*0 +8ʼ * ".60ʼ +6ʼ
1":0 ,ʼ06ʼ 71 " "0 -ʼ ,"."%0 -ʼ5060 0ʼ *1*ʼ ,+*4. 06+ ʼ 1*6 .ʼV + 6 +8ʼ 0. 40 - ʼ
3+.8ʼ +50 1 0ʼ.**1ʼ + .ʼ - 1 .8ʼ 3+. ʼ0/ʼ ,1 - 5.41ʼ. 04. 0ʼ 06ʼ *09.60ʼ 3+. - : 8ʼ
- ./ - 0ʼ&0*061 + -ʼ 4. - * 8ʼ - 1:0 06+ ʼ3+1 + -ʼ 51 6+8ʼ 4 6 1*08ʼ * ".0ʼ - 0 0ʼ
. ,ʼ "+9+2 ʼ20""1ʼ.ʼ%+ 48ʼ4 5 .76+ʼ06ʼ *,0*4.*6+ ʼ 0ʼ5 +8ʼ]ʼ 0 ".*.ʼ4 ,0 " + - ʼ
3+. -ʼ +* :0 ".ʼ ,". " 8ʼ ,1*:0*0ʼ 6ʼ *. - 06ʼ *+ - 0 1ʼ 06ʼ 1 - * ʼ 0ʼ ,". "0 -ʼ 71 " "0 -ʼ
+50 1 0 - ʼ *03+0ʼ 0ʼ ,1 - - "+ + - +6ʼ ,". "0 -ʼ 7 " .*. -ʼ *ʼ 3+.ʼ "."+8ʼ 5+2" , .ʼ
50 ," 606+ ʼ *ʼ - .* 0 ". -ʼ 50 * , 0 -ʼ 5 .0, 5 606ʼ 7+<+ 3+0ʼ 0*60*6 .0ʼ , .* +8ʼ
$ 1 *0+8ʼ .+41ʼ 0/ " 6 6ʼ 3+. -ʼ , 561ʼ ,1 - 5"0/+8ʼ 0 6ʼ 6.3+,ʼ - "+8ʼ 09 4 +8
*4 .4.

ʼ ʼ ʼ ʼ 7ʼ ʼ ! 2 9 ! $ ʼ !ʼ " *)ʼ ʼ !#ʼ 6ʼ 8ʼ%)$ 8ʼ ʼ
J ʼ ʼ ʼ ʼ $ ʼ - $ Aʼ; ! # ! ʼ ʼ9 ! , ʼ 4; " ʼ ʼ) " ʼ 2
/ ʼ 2 ! ʼ 728 !ʼ !22- # ʼ # ## ʼ ʼ ʼ !

ˈ #ˈ ˈ -ˈ * e

! *4 .4.ˈ 5. 7Zˈ 71 - 1ˈ - 5 90 ˈ ˈ *. : ." 8ˈ 5, 6+8ˈ ,+ -ˈ 4+.2+8ˈ 0/504 6 8ˈ 6 ˈ
&0 - 2+8 ˈ 3+ ˈ 40ˈ *2^ + -ˈ ,1*" 8ˈ ,19 1 ,0 06ˈ L ˈ L?
ˈ %ˈ+ˈ ˈ,ˈ ˈ :0 1 ˈ+2 ˈ 0 , :0 0ˈ *1 6 18ˈ 0 ". * .0ˈ ,1* : , "0ˈ 5 16 *+8ˈ ? .6. 1ˈ
1" : +*6ˈ 062 1 , ; . * ˈ 506+*6ˈ ˈ +2 ˈ - ˈ . * ,1 8ˈ / : ˈ 4 08ˈ - 1 .6ˈ *6ˈ * +" .0ˈ +2 ˈ
+ 2 8ˈ ,+ - "*ˈ R1* *08ˈ .0: 0ˈ *1*ˈ 51 0*6< - , .2 "ˈ *,0*4 1ˈ +2 3+0ˈ 40 0 ˈ
- .6 8ˈ ˈ 40,0 0 0ˈ,0 6 ˈ " ˈ 0ˈ1, , . 1ˈ 126+" 06ˈ .*40 -ˈ4 - 4 , (0560 - 2 ˈ0/. 63ˈ
,+ -ˈ 60 - 5+8ˈ ,". "8ˈ 4 - 660*4.0ˈ *4+,6ˈ 1 , ; dˈ 0" 4.ˈ 60ˈ D ;C. *6 + -ˈ :0 +8ˈ
*60*4+*6ˈ *ˈ 6 *0 0ˈ + +8ˈ , .04 2+8ˈ .5 * 8ˈ 06ˈ *,0*4 8ˈ 057. "0* .ˈ : . 6.6.ˈ . ,ˈ
4 056. ˈ 06ˈ 0/0+760ˈ (0560* 2 ˈ *ˈ *+ 7ˈ ˈ 1 *67 . ,+ -ˈ 0ˈ 0,05, :5 6ˈ *40ˈ - ""ˈ
ˈ ;C. *6 + - ˈ3+ˈ 6.6 -ˈ,". 8ˈ0/55*0 0*6ˈ 0<ˈ 3+ 4ˈ - 50 .61 ˈ<+2 06 ˈ *60"" 90 0*6ˈ
- +8ˈ 06ˈN . ." 8ˈ.ˈ ˈ$0 67.1ˈ 5+ + .61ˈ . - 1 : 8ˈ 6161ˈ ""1ˈ - . ˈ 5 .6.ˈ .4ˈ0/ ˈ
5"1 .* .ˈ*1 6 1 + -ˈ ,1* " .ˈ (04ˈ ,+ -ˈ<. -ˈ * +"6+ -ˈ. **ˈ5 1,0"" "06ˈ *03+033"4 ˈ
3+. -ˈ . - 5" +8ˈ0 ˈ. **1ˈ 90 6+ -ˈ ˈ.55. 0 06ˈ 4 - " ˈ 3+ˈ 51*60ˈ 5. " 6 .0ˈU*1 - 0*ˈ
4040 .*6ˈ 71 - *0 ˈ5 .6 , .0ˈ . +06 ˈ 3+ˈ5 .04.0ˈ 50ˈ ,+ -ˈ6 / ˈ * . : 9 8ˈ09 09 0ˈ . ˈ
- .6 8"0ˈ ,". ˈ%+ , 6.0ˈ,1*<+ /0 .*6ˈ3+14ˈ*+""+8ˈ<. -ˈ 5 1 + -ˈ + +8ˈ 1 0ˈ5+6. 06+ ˈ
06ˈ %+ , ˈ 02+8ˈ 0" , 60ˈ +2 3+0ˈ 0.?.0 6.60ˈ 90 6 8ˈ 3+ 06) ˈ , 040 0*6+ ˈ $0 67.+8ˈ
9 6+ ˈ 0 0461ˈ ˈ .+5. 6ˈ - " 60ˈ . ,ˈ 0" 41ˈ ." ˈ ,+ -ˈ ˈ6 0 - 2+8ˈ *ˈ *+ˈ - ˈ
2 . , 1ˈ 3+ ˈ 1 . -ˈ 6+0 06+ ˈ ;C. *6 + -ˈ5 1 , 0 6+ ˈ *60 0.ˈ ,". 8ˈ 0.ˈ 0 .6ˈ ˈ
6 0 - + - ˈ 3+.0ˈ *ˈ 06.ˈ .55. .2.6+ ˈ.!A 2 4 .ˈJ. - 4 + 6. -ˈ +20+*4.ˈ ,19* 61ˈ
+ 2 8ˈ , . + ˈ 06ˈ . , ,0561ˈ; 0*0 I - 50 1 ˈ 0 .* . -ˈ :0 %+8ˈ 60 ˈ *6054 6ˈ 3+1ˈ6. *40 -ˈ
50 :0* 6ˈ< +0 +*63+0ˈ 1 - * - 1#&06606.0ˈ 6 0 - 08ˈ , / ˈ . ,ˈ - .<1 08ˈ : ˈ 0K 3+.0ˈ 0/ ˈ
2* ; .ˈ * + - 0 1ˈ * . -ˈ : ˈ : * .ˈ 0/ˈ ." .2 .ˈ51 6. *608ˈ ,+ -ˈ .47+,ˈ 0 ". * .0ˈ ,". 8ˈ
0"%06ˈ * .+ . 1ˈ 5050 +*6< ˈ.ˈ 5 0 8ˈ , .56.0ˈ ˈ.4ˈ 1 , ; . - ˈ ˈ .4ˈ 057. "0ˈ
* . - <ˈ $ˈ *+ˈ 06ˈ ˈ - .<1 08ˈ 0 - .* 0* - 6ˈ 3+.0ˈ : . 8ˈ 0. 2+8ˈ<.4.6.0ˈ ,+ -ˈ
0" 3+.ˈ ,". ""0ˈ 0ˈ , *<+*90 0ˈ *03+ :0 +*6ˈ) 2 ˈ *4 .4.ˈ 04 6ˈ ,1 - - 14+ -ˈ,". 8ˈ
&0*06. 0ˈ 06.ˈ:6* 0*8ˈ .55+" 6ˈ %+ *ˈ 40ˈ .6 1*0ˈ 20"" ˈ *60ˈ 4+,08ˈ .9ˈ ,1056+* ˈ
+ - 3+0ˈ&0*0 +8ˈ .5+4ˈ + 6 + -ˈ * 6. 0 ˈ +6ˈ 1 - * ˈ - 1 .1 - "%.ˈ 0ˈ * : . -ˈ4. 06ˈ
06ˈ 71 60 -ˈ * .4+8ˈ ,+ -ˈ01ˈ ,1* " 90 06ˈ ˈ .+60 -ˈ5+9* . -ˈ 406 04. 06ˈ .4ˈ 0. *ˈ*0,0 ˈ
d6.60 -ˈ 33. : 8ˈ .6 1*0ˈ .4 90 06ˈ< 70 ,ˈ + +8ˈ 7.0 6. 0ˈ ." +8ˈ 06ˈ 3+. - : 8ˈ 5.". -ˈ
*1*ˈ 12* 60 06+ ˈ 0ˈ 6. - 0* *ˈ 5 : .6 8ˈ ,1*") 8ˈ .05 +8ˈ *60 ˈ +18ˈ.9 6.6.ˈ - +"6+ -ˈ
60 6 51 8ˈ 20""1ˈ 90 0*42ˈ 0/0 - 56+ - ?0 6ˈ * . -ˈ . 04.6.ˈ *1 <? - 1 .ˈ +6ˈ .*60.ˈ 04ˈ
4 "5*" 1*0ˈ ."<0;ˈ *1*ˈ 1"+ - ?.2ˈ ."60 1ˈ 04ˈ 0,+*.ˈ 5 5 1,0 08ˈ 4 0 05. 0ˈ * 7 "ˈ
,+ 3+. - *ˈ6. *ˈ 4+2 .ˈ 0ˈ ,0 6ˈ 6.2 " "&0ˈ ,1* 6. 0ˈ 04ˈ "+4+.*6 2+8ˈ 7+0ˈ ""+,ˈ .* - 8ˈ
- 141ˈ *ˈ7. ,ˈ - 141ˈ *ˈ "". -ˈ 0*60*6 . -ˈ *," * . 0ˈ ˈ3 ; *06 . -ˈ 6#***+""ˈ50 5"0/. *608ˈ
.* - ˈ 0* + -ˈ *1*ˈ .6 8ˈ *+4. 0ˈ * . -ˈ ." ˈ50 ,+" ˈ 7 . * 6+4 *0ˈ 5 151" 6.ˈ 06ˈ *ˈ
- .<+8ˈ 0/.990 .6.ˈ .ˈX@1 " 1ˈ .2 6 *0*4+ -ˈ ,0* 0 0ˈ< ,1*6 .ˈ 3+ˈ 5+9* . -ˈ "+.402.+6 ˈ
40(0,+8ˈ 0640 - 5 60 * .0ˈ 9* . : .0ˈ516. - 0.ˈ ˈ42 - * ˈ 7 .*1ˈ *+ ˈ4 ,0 0ˈ * . - ?ˈ
3+1ˈ 6. *61 + -ˈ ,1* " 1 + -ˈ .55. .6+ -ˈ 504. 0ˈN .+6ˈ 3+1ˈ 616ˈ/1 - - 0.6+8ˈ 50 6 ˈ
+ "%0N ?3+! + -ˈ 616ˈ ,15 .8ˈ 616ˈ 4+,08ˈ 0/ˈ 6 ˈ 4 :0 " 8ˈ 1 2 8ˈ 5. 6 2+8ˈ ,1:0* "%0N ˈ
.*ˈ +6ˈ ,". 4 + - &0*061 + -< 3+ .*6 0 - 50ˈ.21 - * ˈ4 0 - *0ˈ .271 0*608ˈ *+*,ˈ
- +6.6 8ˈ ,+ - ˈ 1 6+* .ˈ ,1* 8ˈ 5 10" + -ˈ + 90*6ˈ 504.61 08ˈ 0 "0*6ˈ 06ˈ <5". - .0ˈ
ˈ 6161ˈ 1 20ˈ , : 6.6 8ˈ 50 ,+"+ -ˈ $7 " 551ˈ 5""3+0ˈ +"4 1ˈ ,+ -ˈ? - .9*.ˈ 1 - * + -ˈ21 ˈ
*1 + -ˈ1 0 1*0ˈˈ" "4 2 1ˈ + " 0ˈ : 40.6+ ˈN "+.44 0ˈ 9 6+ ˈ +6ˈ 5 10" 1ˈ ,+ -ˈ 71 60ˈ
40,0 * .6+/Kˈ 06ˈ 3+1* . -ˈ *1 6 ˈ - " 608ˈ 604 "+60 8ˈ .63+,ˈ . . 8ˈ *ˈ %+ 058ˈ 1 - *"ˈ
*609+ - 0*61ˈ06ˈ . , - 8ˈ*+4.618ˈ 4 2+ 3+0ˈ12*1/ 18ˈ " *6ˈ ,"1550618ˈ 4 5"1 + ˈ 3+ 2+8ˈ
6. *! 0 -ˈ 71 " 08ˈ ˈ 4 +ˈ 71,ˈ .6 .2 + - . *6+ ˈ 0.ˈ .6 1ˈ *60ˈ 5 10" . *4+ -ˈ 0 :06+
\ˈ ?ˈ ˈ +6

ˈ ˈ ˈ ˈKˈ ## # ** $ A ! 2!#! 5 2 9 Tˈ ˈ !# $ Iˈ $ 2 ; #
ˈ ˈ !# $? ! #$
. ˈ ?

+*ˁ ˁ ˁ

ˁ +6ˁ 9 . : ˁ 04 41ˁ - " 608ˁ .2ˁ * " 0*41ˁ *ˁ X 1 ; 0 - ˁ ,". "0
ˁ ˁ 9".4 8ˁ ,1 - - 660 4.ˁ5 17 20. 6+ ˁ< 3+ ˁ%+ 48ˁ ," 55061 6 6 ˁ
5. 6 - ˁ :+"*0 2+8ˁ .4ˁ 5+9*. - ˁ 06ˁ .4ˁ . - .ˁ + 6 *0*4.ˁ - .2 " "ˁ
.4ˁ 4+2 + - ˁ 5 10" ˁ 0:0*6+ - ˁ 04ˁ :0"+6 ˁ .4ˁ : 418ˁ : ,S(1 Nˁ,6ˁ " .*6
44 6 .4ˁ ,.ˁ 6 - +" ˁ 0/ˁ ,1 - 5. .6 4*0ˁ 0* , # *4 + R4+, I 3+ 09 8ˁ .60 ˁ
< 1*ˁ 16 1ˁ - . ,0 0*8 ˁ *03+0ˁ .4ˁ 0/0 , 6+ - ˁ 504.2+*4+8 29*0ˁ 60 +5+8ˁ 60 0 06ˁ
04ˁ . * .ˁ 6 . 6.*41ˁ .,ˁ 4 , - 7 2+8ˁ 0ˁ 1 J0 0*41ˁ *ˁ 5 +8ˁ ., 1"0 ,0 6 .0ˁ ? * 6 8I
*1 - 0*ˁ ++ - ˁ 61 61ˁ 1 26ˁ ,0",20 - + - ˁ 0, ,6ˁ .0,ˁ ,1 . - ˁ + 6 1ˁ *60 ˁ 0ˁ
3+0 0*0 - ˁ 2 .A5%.%+ - ˁ A2ˁ *4 0. - ˁ ˁ - . - ˁ . 41*. - ˁ A3 %.*, ,+ - ˁ4 .*ˁ
4 .*+ - ˁ I , " .0ˁ 5 1 090 - ˁ ˁ(1 6 . - (.* "1 .*+ - ˁ 6." ,. + - ˁ ,15 . + - ˁ 4+,0*#U
0.* - ˁ ˁ 1 G0+ - ˁ ,. 6 1 - *ˁ 5 .0 04+* ˁ E.2 0"0 - ˁ8ˁ (0 20""1*+ 8ˁ 3+ ˁ 0ˁ
61 5 0*6. .0ˁ 5 .00 .6ˁ $"09 ˁ,1 - 60 - ˁ 06ˁ J .*, ,+ - ˁ 2. . - ˁ +* - + - ˁ3+.0 61 0 - ˁ
.4 . ˁ 0506 6 8ˁ .05 +8ˁ ,1* " 8ˁ 3+ 2+8ˁ 06ˁ ." 3+.*41ˁ *60 0 0ˁ "0/.*40 ˁJ. *0 + 8ˁ
$. - 0* + - ˁ 4+0"8ˁ "+8 ?ˁ J .*, 0+8ˁ . .ˁ 12160+8ˁ ?) 2 < 6 + 7ˁ 4 8ˁ A +8ˁ
$.+"+8ˁA1 4.*08ˁ) **8 ˁ 06ˁ 12ˁ 51*6 , 8 0:0 0*6 . - ,7. 1*4"+8ˁ "0/.* ˁ
4 * ˁ,. 4 *." 8ˁ .60 ˁ <+:0* 8ˁ 0/ˁ . 61 .ˁ .4ˁ - 50 .61 . - ˁ5.0*0ˁ 4 9* 6.60 *ˁ * 2 ˁ
"0*6 ˁ 1 6+*.0ˁ A1,.*6 8ˁ 20*0 , 5ˁ 0:04+8 ˁ $ +"+8ˁ ˁ 40 ,.",+8ˁ 05 015+8
$0**0* Nˁ 3+ ˁ51*6 , 8ˁ *1 - *0ˁ V + 6 + - ˁ .,ˁ ,060 18ˁ 4+,08 .4ˁ 5 10" + - ˁ 71 6. ˁ
2.6+ ˁ , 6.ˁ 50ˁ : 41 .0ˁ %.4.ˁ<ˁ ,ˁ 0 ˁ 51*40 0ˁ 7 " ˁ : ,. + - ˁ ,+<+8ˁ , .0ˁ
- 0*6 ˁ . " 4+ 8ˁ 5 0, 2+8? 0ˁ 20* 9* 6.60 *ˁ .,ˁ * 0 ,1 4 . - ˁ - 5"1 .*6ˁ 0.ˁ 4+, .ˁ
4 : * 6+8d * 5 06+ ˁ %.*40 - ˁ 5+41 0ˁ - .9 8ˁ 3+. - ˁ .6 1*0ˁ +"". ˁ 3+. - ˁ 5 0ˁ .,ˁ
,060 ˁ 3+ , ,.ˁ0 - 0 .*6ˁ 5. ˁ5 12. 0*6 ˁ ; 6+8ˁ +61 +8ˁ ,1 . - ˁ+* f0 1ˁ 5, ˁ
,0 + - ˁ .,ˁ 4+,+ *ˁ ,106+ ˁ +6ˁ 2 - *08ˁ 0ˁ .4ˁ 5 10" + - ˁ< . . 0 ˁ 04 / 6ˁ ,+<+8ˁ 0*60* ˁ
6 . - ˁ + - - +8ˁ 1 - * + - ˁ5".) +8ˁ ,1* 0, +6+8ˁ 0 6ˁ 06 . - ˁ 01 + - ˁ 3+ ˁ - *+8ˁ :1"02.*6ˁ ?
3+ ˁ06ˁ 73,ˁ 2 ˁ50 +. 0 .*6ˁ 71 60 8ˁ ;5 ˁ 09*1ˁ .,ˁ ." - .6 .0ˁ 616ˁ 195 4 8ˁ 671 ˁ
- .* ,1ˁ - 50 1ˁ .4<04 8ˁ 02+ 3+0ˁ - . ˁ .,ˁ 60 .ˁ 0" , 60 ˁ 90 6 8ˁ <. - ?ˁ *," *.*60ˁ I
60 550 6.60ˁ 06ˁ 4 - ".ˁ ,". "0 ?ˁ 5 10" ˁ ,15 . - ˁ - * - 0 ˁ .S 6+ 18ˁ + 6 +8ˁ 0 91 + ˁ
*1*ˁ - *+8ˁ 141 + - ˁ 3+. - 0 . - ˁ,". 0 - ˁ,+ .0ˁ +.0ˁ ,1 - - ". - : 40 06 1 - *0 8ˁ
,". "%0 8ˁ "+ 6 .6<ˁ 06ˁ &0*06. - ˁ ,060 8ˁ 02+8ˁ . .6 - ˁ * 6 +4. - ˁ 04ˁ 060ˁ 20) .61 2+8?ˁ
.4. - ˁ,+ - ˁ,1 - 50 "06ˁ :ˁ ˁ 504 6+ - ˁ +55"0: 6ˁ 3+1 + - ˁ, 1 1ˁ 5. ˁ 0" 3+ ˁ
X3Sˁ +0 + *6ˁ +55"06 .Hˁ 60 - ˁE0*+0* 08ˁ .,ˁ (.2.+4 . ".0ˁ *0,ˁ1 6 . .8ˁ 2 ˁ*09" ˁ
90*4.8ˁ 4+/ 6 ˁ *ˁ 3+.(ˁ E5 - . (ˁ * 51 + 6ˁ? 3+0ˁ A1.**0 - ˁ .; - ˁ 5 .0 I, 6ˁ
(,ˁ .+60 - ˁ06 . - ˁ *ˁ 6 *0 0ˁ., 0"7ˁ * 6 +/ 6ˁ 3+. ˁ *ˁ 21 .8ˁ 5+9*.6+ +8ˁ 0 06ˁ 3+.4 ˁ
5. 6 61ˁ 1 4 *0ˁ 6.ˁ?+6ˁ 6 08ˁ , 08ˁ .03+.ˁ 1*60ˁ 4 :0 ˁ ,1"1 8ˁ :0/ "% 8ˁ 4 6 * 6.0ˁ
.*60,040 0*6ˁ 6.*61ˁ :.,+ ˁ"1, ˁ 5.6 1ˁ *60 ˁ - 9+".8ˁ 0" 61 ˁ 3+.*6 +*ˁ 3+.6<+1 ˁ6 ˁ
0 - + - ˁ .":0 ˁ 1,,+5. 0*6ˁ 3+. + - ˁ 40 6 . - ˁ *ˁ 3+.ˁ ˁ 6 0 - 08ˁ 0 .*6ˁ *ˁ ."6+ - ˁ
?:0 . - ˁ + .ˁ 4+,02.6Nˁ * 6 .ˁ 3+ 0? *ˁ 6 *0 0ˁ ., 0*41ˁ " 6+8ˁ "090 06 ?ˁ +9+ 6 *1ˁ
. 2. ,1ˁ .66 2+ .ˁ 0 6ˁ ,+ - ??ˁ5. ˁ 6, 0 - + - ˁ *+ - 0 1ˁ ˁ - 04 . - ˁ ˁ 6 0 - + - ˁ
Lˁ + 6 +8ˁ 2ˁ 6 - 5 6ˁ ":. +8ˁ . ". - 8ˁ +"6 - + - ˁ .9 - 0*ˁ,+ - ˁ / / /ˁ6 0 - 2+8ˁ ,".+ ˁ
402.6ˁ .4ˁ 1 **0 8ˁ ,. +8ˁ 06ˁ 1 - * 2+8ˁ "1, 8ˁ *ˁ 3+ 2+8?".21 . 06+ ˁ 5 .0 61ˁ +6+ +8ˁ
(ˁ6 R - U8ˁ - .<1 08ˁ &0*06.0ˁ Q 0*61ˁ 40 , 0*60ˁ 0 - +",1ˁ 6 .20X@.*6+ ˁ 2 * .0ˁ .*60ˁ
*9+".8ˁ ., 08ˁ 6.6+6.0 ˁ 3+.0ˁ 5 - 18ˁ 71 6 + - ˁ - 506+8ˁ 0/, 50 0*6ˁ .6ˁ ;0"+6 ˁ . ,08ˁ
- - *06 608ˁ 4 5"1 8ˁ - .9*.ˁ: ˁ - .,7 8ˁ 6.*3+. - ˁ, 02 .ˁ9 .*4 *0ˁ 1 Q08ˁ 71 6 "0 8ˁ
50 + - 50 0*6ˁ .63+0ˁ .0 0 - ˁ 01 + - ˁ 8< ,0 0*6ˁ ˁ 3) 3ˁ *ˁ ,1* " 1ˁ *1*ˁ 5. + - ˁ - 1 ˁ
- 0*6 ˁ + 6ˁ ˁ 5 .0 0 0.ˁ "ˁ6 *0 - 08ˁ 0/6 .ˁ 1 4 *0 - ˁ 0 :.6.0ˁ +*6ˁ .4ˁ +2 618ˁ 5 10" ˁ
,. +8ˁ "ˁ *0916 3ˁ 4.61ˁ A1.** ˁ . 41*.0 ˁ +6, + - ˁ : ˁ 40"04 8ˁ 8ˁ 5 .00 .*6ˁ . +8
1*6. 0*+8

% $ ˁ ˁ ˁ % ˁ ($ˁ ˁ++ ˁ #/ˁ ?ˁ ˁ5 $ˁ 2ˁ+ # ˁ
ˁ ˁ+ ˁ ˁ ˁ ˁ ˁ+ ' ' CJ ˁ ˁ4 ˁ ˁ" ˁ Iˁ ?* ˁ %
?) . . ˁ 6 (ˁ ˁ4 ˁ ˁ& ˁ ? & ˁ ˁ

8+)

K 1*6. 0 +8 7, *6 +8G+ *+8 L E ,1* . $06 +8 J .*4",+8 2 ." 506 +8 $
@.: ," 7 * 50 ." 8(0,+".2+*4+< 5 .0,040 06 7 8 6. * 6 +4 8 / : S." 4
6 5 4 0 1*0 . .5 .0- 8 % + - 4 0 + - *.: 9.6 1*0 ,+ +8 .4 ., * + -
5 1 - 1*61 + - 3Q14 714 0 , .5+6 1"+ - *. + - :1, .6+ +2" 616 40) 4 08
+2 60 0 ,1 .4+8 0 6 0 ". *60 3+ "1 * 0 06 ,+ - &0*0 +8 +.40 06 +6 057."0
* . - 60*40 0*6 3+1 71 6 0 1 ,; . +2 0+ - .47+, 7.0 0 0 51 6 0 - 8 *+.?
, 8 ."". 6+ - 0 .6 0 .4 +. 0, 5 0*6 Q 6 *0 0 *60 ,0561[illegible]*0 <0 6.8 5+9*.*4
- 51*0 06+ < + 6 +8 .4 :0 1 :0*61 *03+.3+. - 01 60*40*4+ * 04 1 ,; . -
5060*4. - ,+ - "; :0 . ,". "0 ,0* + 6& 06 0. 0*60*6 . 60.+ 6 (0,+*4+ - .0,
- .2 + 6 2 < ".*+8 %. 0*6+ - 06 R .*." +8 . &0*0 1 A ."" 51" - +6
- " 60 - *40 ., , 50 0*6 06 01 ., ,0 61 1 ,; . - *0 3 1 +6 3+0 0 ,1* 0
0 * 6 *4 .4. H6 5 .0 - %+8 ,+ - : 6 0 - 2+8 3+ 40 71 6 2+8 ,19*1 ,0 06
5 0 + 6 +8 ., * 1 1" 0*8 3+. 61 51 6 4 0 1 ,; . - .55+" 6 71, 0 6 & S."
4 0140 - 3+ 4 0 * ,1*6 *0*60 - 6 .<0, 06 E1 - 0* 6 . + - 51 6+ - 3+0 -
$0A140 - 3+ 4. - & 40 2+8 + 0 ,604+*6 ,+ " 206 3+.*6+ - : 8 - .9*.0 ,". "" ,.
5 0*4.0 . - 5"+ - +2 6 2 .4 0+ 3 *4 .4. :0* 6 06 ,+ -] =.,; *67+ - + 3+0
5 1,0 %06 ,19*1: 60 0*+*, .6 71 60 8 * *+ - 1 *67 .,+ - 0,0 "0 06
6 / * .:0 8 1 - * 8 90*0 8 *40 . 0" 3+. ,". "0 0,0 6 "%0 *,0 6+ - +6 + - 1* 6.*
6 *151" - 5060*60 8 .* .4 .**1*. - ., ,060 . *0,0 ". . 0 $0"151**0A + 2 2+8
* 3.0 1 . - 51 6.*4. 6 .* - ".8 1 05" 06 60 - 51 0 . .90." 8 :06+8 5 .6.
. 4. / 06 +5 . 15 * 1*0 - ? 60 - 0 . + - .99 , "+8 .4*+8 *14+ ,". "%0 - *1 6 . -
*9 0 "+8 0 6 *+ - 0 + - 3+0 *.: + - ,1 . - * 6 6+ * 0/ ,0* 61*0 50 ?56 + - *
60 . - . 4. 3+.6+1 - " 608 04 - .2 , /0 , 6+ 50 " 6+8 .9. 66068 , .5 6 , .561 3+0
.4 $0 67.+ - 0,+ - .246. 6 < 06 *60 018 01 - *60 19.608 ,+ - 0 - 1 ,1*
6. 06 , " ,06 ,". "%0 - ,,: 6 0 - + - 0 "0 56.060 : "1*9. - .<1 8 1 - .0 013+0
,1* " 1#:0* 0 +6 5 10" 1 40,0 0 0*6 * ,3*, " 1 71 6 + - ,0 6.6+ - 0*60*6 ?
69 ., 5 6 . ,1 - - 660*4.0 :0" 40," *.*4.0 5+9*.0 ,1*" " . . - ." 8 *90* 1
0 1/ 06 0 :1 0 <+:0*6.0 - 5160*8 3+ ,+50 06 ." 3+1 150 .0 5 06 1 . - . - &0"
,+ - 4 0 - *0 3+.0 0 0 +"6 1 :0* 0*6 2+8 12: . - 0+*4+ - ,0* + 6 ' 0 3+0X@"+ 08
. "0*6 02. 6+ $0 67.+8 :0 1 : 9 .: 8 06 .06.60 5 1:04. . 50 ,+"1 1 ,1* " 1
.271 02.6 < 04 .+U18 .4 6 5+".61 08 7.202.6) "+C." 8 .+60 - *60 018 - 04 A8
71 - 1 *90* 1 :. 1 *,3+0 6. * .* - 4+2 8 3+. - 1 .6 1* 8 71 - * ,.+61 36
."60 +6 +8 5 65+ .6 1 J0* 1*0 - 06+0* .< 6.4" 0 5"0/ 8 0 51* 68 02 + - ,1*
60*6 1*0 - ."02.6 *. * *60 4+ - ,1* 6" + - 5+96.*4 6.*3+. - 6.*6 - 50 .61 8
- .9* 6+4 * ,1*:0* 0*8 5 12.2.6 *60 4+ - :0 0 0 4 ,02.6 *0 .4U6.*6+ - ,0
6. *0* 5. + - 6* - 4 0 "0*6 0<+8 :0 1 , *1* + 6 - 04 + - - 1 + - 4+,+ -
<+4 , + - 0 60 +.8 3+ 40 - 5 :. - 8 6 - 0<8 1 - * 0 .4 5+9*.*4+ . 09 09 0
- .6.8 ., 5 .0, 5+0 - " 6+ - *+ - 0 1 3+18 * 0 0, 5 .6 ; 1 + - 1 6 + - 150 .
04 6+ 18 *0, +. - 150 . - 40 +6+ . - ,+<+8 6 08 (0 .4 7+*, 4 0 - 90 6.0 *1*
.68 40 - 0,0 *6 5 10" +9 71, A*0+*4+ - - 1/ 40,". .6) + - %.*40 - .2
."60 ,.6 1* 2+8 08 ,1*, " + - 404+, 6+ 06 19.6+8 *60 5 1,0 08 0*60*6 . -
.*08 . .40* 70*92. 2 " +8 .0 .4 0* 6 $ 1 +"6.*3 " +8 06? +54 . 1
60 %+ ,18 ., , 4 6 1 6+.0 5.60 *.0 20 08 ,+ - - +"6. - .9* ,0 ., 070 - 0*60
40 671 - . ", - 50 . - 5" 6+4 *0 5160*6 . 1 6+*. 4I %+ , .0 - " 6 .0 4 0
5" * . 40 4+,+ - 5 .0 6.*6 . 4 / "06 0"0; .6. *60 - - 1 6 1 + - "+/+ 06 " ,0*6 .
,1 %+561 + - : 6+60 ., :. 8 5 *, 5.6 (+8 402 " 6.6. 5160*6 . 3+.0 3 %+ , ,1
5 50 1

4 * . # K . 8 . 2 8-
? /% 0 ($ + # ? /
4 9 $; * , ' ## D/5 5 8 / - 2
0 3 0 ?.

W ˁ ˁ

ˁ - 50 1ˁ + * 6.ˁ . ,ˁ - .<1 ˁ 6ˁ 1, 18ˁ .4ˁ 5+9*. -ˁ 1 6 60 ˁ, .5,8 *4.« ˁ, , 6.ˁ : 4
ˁ ˁ .0ˁ 71 6.6+8ˁ 0 6ˁ & ,ˁ 0* -ˁ :0""0ˁ ˁ <+20 0ˁ - 50 6T 0 -ˁ ' 1 < * ˁ 5. 0 0ˁ *ˁ 6. ˁ
1, , . 1*0ˁ *1*ˁ 1 + - ˁ 9*. :+ - ˁ 04ˁ 50 *40ˁ . ,ˁ ˁ : * . 1"+ * 6. 6 ˁ 12". 60*6 ; ˁ
- 5 + - ˁ 6ˁ 40 - ˁ 0*6 02. 6ˁ # . .8209+8ˁ (- ; * .0ˁ 5 X0 , ˁ 1*6 . < . * . * ˁ
0*60*6 . - ˁ 4 / 6ˁ .7. * 0608 +210.05 .061 ˁ (. ". 0". ˁ " 2 ")2ˁ 71 - 1ˁ
0 ˁ * .+6 , .0ˁ <1 * 91ˁ + +ˁ 50 6+8ˁ 06ˁ .2ˁ 1 - * ˁ : . * 6. 6 ˁ . h X 5# ' 3+ ˁ ,1*6 . ˁ : 6+6 8ˁ
*1 6 .0ˁ 0/0 75" 8 0,0*6 2+8 " 0" 6. 0ˁ 9067 ˁ 0671 , 5 2ˁ . **1ˁ J. - .9+ 6.0ˁ 04 6 8ˁ
+2 *1?*ˁ 6. - + , , 8ˁ : 2+8ˁ 3+. - 1 - * ˁ 0 + - ˁ *15 . ˁ 51 63+. - ˁ 1 - * . ˁ + - - . ˁ
06ˁ 0,0 +*6ˁ 06ˁ 50 50 ˁ +*6ˁ 51 6 0 - 1ˁ 0/ +9*. 6ˁ +0 +*6ˁ ' 0506 6. ˁ 06 . - ˁ 71 ˁ I
4 0* 8ˁ 12 4 1* 8ˁ - 0 - 1 . ˁ *03+0ˁ 7 6 . *18ˁ ,1*60 - *0*418ˁ *03+0ˁ *ˁ 4. "0ˁ
6. *6+ - ˁ 4+0 .0ˁ 51*0*4+ - ˁ 40 - 1* 6 . : 6ˁ +6ˁ 1"1ˁ *1 1 *0ˁ 7 6 . * . - ˁ ,". 0 - ˁ
: 6+ - ˁ ˁ 50 . *4+ - ˁ 6ˁ *03+0ˁ :0 1 " ,ˁ *60 5 06. *4+ - ˁ - 50 + - ˁ $0 67. 1ˁ 4.6+ - ˁ
+6ˁ 4 - , . 06ˁ +6ˁ ." 0*1ˁ 60 - 51 0ˁ ,+ - ˁ ,". "0ˁ - +"6 8ˁ 5. 6 2+8ˁ - - *+6. ˁ 3+ 550ˁ
,+ - ˁ 40ˁ 5+9*. ˁ . - 5" +8ˁ *2*ˁ ,19 6. 06+ ˁ 3+ ,3+ 4ˁ : + - ˁ 06ˁ - . 6 - ˁ 121 8ˁ +?
50 0 6ˁ 6*0ˁ ,0 6. - *0ˁ , .5 0*4+ *ˁ 5 14. 6ˁ 06ˁ * . * ˁ . ,ˁ 60 - 0 . 1ˁ ,1*" " 1ˁ +4+ - ˁ
616ˁ : 41 . + - ˁ - 5 +40*60 ˁ,1 + - 5. 6ˁ 6.3+0ˁ ,+ - ˁ 0/ 6 - . 06ˁ + - - .0ˁ 6+"6 6 .0ˁ ˁ
, %0ˁ - . <+8ˁ 40,+8ˁ 71,#. **1ˁ 6+ - ˁ 3+14ˁ * 7 "ˁ - 1:0*41ˁ ,0 6+ - ˁ 7.20. *6ˁ 5 1ˁ
- *1 0ˁ 06ˁ * ,0 61ˁ 40,1 0ˁ *ˁ 4 , - 0*ˁ 4. 0ˁ . ˁ 5+9*. ˁ +6ˁ .2 6 *0 06ˁ + ." 6ˁ (04ˁ
5.+,18ˁ 5 .060 ˁ Uˁ (1,7+ - ˁ "0/. *4 .05 .0 40 - ˁ 06ˁ . .2. ,0 - ˁ " , .0ˁ - . 6 - . ,ˁ
5 .0 04+ - ˁ . - 218ˁ :060 . *18ˁ 4+,08 ˁ 3+ ˁ 6+6 1 . ˁ 3+. - ˁ 50, 1 . ˁ ,1* " . ˁ 4.2. * ˁ
6+ ˁ 2ˁ . 0*6 0*60 8ˁ " .2+ 6ˁ ˁ $0 67. + 3+0ˁ - 0 - 1 ˁ 9$." - ˁ 3+. - : 8ˁ (0" ˁ
90*0 + - "0: 1 0ˁ 0 1 0ˁ 3+14ˁ ,". 0 - ˁ 7 6 . *1 + - ˁ ,040*60 - ˁ 5 1 0ˁ . **1ˁ 50 ˁ
0, +6+8* *ˁ 0 06 ?ˁ .4 * 6.60ˁ + - - 16+ - 0 0<ˁ .4I0/6 0 - + - ˁ - 10 0*8ˁ 90 - 0* 3 0ˁ
+6ˁ 3+ ˁ ,0 6. - ˁ 50 60 - ˁ . *60ˁ 1, +"18ˁ 51" 6. - ˁ : 40 06ˁ .4ˁ 50 . , 1 + - ˁ ,1* " + - ˁ :0"+6ˁ
.5 4 " - 1ˁ ." 0* .0ˁ 60 - 0 6.6 8ˁ .0 6+ˁ *ˁ ,1*6 . + - ˁ .2 056+8ˁ * ," * . : 6ˁ ,+ - ˁ 4 ,0 06ˁ
d* . ""0ˁ 0ˁ 50 *ˁ 5 50" ˁ 3+. - : 8ˁ * 33ˁ . "0.0ˁ ,1 - - 660 0ˁ 3+. - ˁ 41 - 0 6 , .0 : 4 .0ˁ
ˁ 06ˁ - . "0:1"1 + - ˁ 126 04. 6 1* 2+8ˁ , .5+6ˁ 12< ,0 0ˁ < .6 + 3+, ˁ 4+,0 0ˁ 71 6 " ˁ 60"1ˁ
, .40 0ˁ 3+. - ˁ . +" , ˁ " :1 8ˁ * ,0*4 1ˁ ,1* ". 9 .60ˁ 3 013+0ˁ - .9 8ˁ .4ˁ 4ˁ - 5+" +8ˁ 0 6ˁ
3+14 - . *4. 6+ - ˁ (0" - ˁ 3+1ˁ 5+9*. - ˁ - 50 .2. 6ˁ 4+ - ˁ . "60 , .6+ ˁ 5.". - ˁ .2ˁ) "+C. " ˁ
ˁ ,1 , " 1ˁ "04+ - ˁ 0 06ˁ "+8ˁ *60 - ˁ .7. - 0608ˁ 5+9*.0ˁ 4071 6.61 ˁ 3+ ˁ *ˁ
60 1 0 - ˁ *+8ˁ 7 1 *67 . , ˁ 1 . * (ˁ , ,+ - :04+8ˁ ,15 .8ˁ 3+. * .8ˁ 51 06ˁ +6ˁ *ˁ +2 61ˁ
, . + ,156 .70 06k ˁ 3+ ˁ 0/ˁ . , 2+8ˁ *+8ˁ 3+ *61ˁ 51 6ˁ 4 0ˁ ,+ - ˁ , 1ˁ . . .61 - - ˁ
:0* 6< 0 403+ 6+ - ˁ 3+14ˁ 0 6ˁ . ""* (: ." 8ˁ 5+9*.W + + *ˁ - * - 0ˁ 41*0+ - ˁ 71 - + - ˁ
90*+8ˁ .2+ - 06+8"60 - ˁ 0"1 * * 0 ˁ ˁ 5 .061 ˁ ˁ 03+ 608ˁ 0/ˁ . , 2+8ˁ 06ˁ 5 .0" 4 8ˁ
,R, + - 51 6 8ˁ 406 .418ˁ 0, + ˁ .4ˁ ,". 0 - ˁ .44+/ 6ˁ +8ˁ 06ˁ 1 . ,1 . ˁ 5 .6. ˁ - ˁ
5 90 ˁ 3+ ˁ 40ˁ 02+8ˁ *1 6 8ˁ 5 15 +8ˁ 0, +". *41ˁ 0/5"1 . ,6ˁ (04ˁ .10 4 6ˁ 6+ *ˁ , . .8ˁ
3+ ˁ 0/ "0: ˁ , . + . ˁ - .9* .0ˁ *60 ˁ 4+,08ˁ 5 0*" 1* 8ˁ 1, , . 1*0 - ˁ 5 .02 6ˁ . ,ˁ 5.0*0ˁ
104+8ˁ 5 + - ˁ 4 "2": 6ˁ 4 " + - ˁ 3+ 4. * ˁ 4+41 ˁ 0/ˁ 01 + - ˁ *+ - 0 1 ˁ 3+ ˁ .2ˁ ˁ + 6 1ˁ
.4ˁ ". 0 - ˁ &0*06. - ˁ +55"0 64. - ˁ ,1 - - 14. 6ˁ +0 . *6ˁ - +"6. ˁ 3+16 4 0ˁ " ,0*6 1 0ˁ
. ,ˁ ,1*6+ - 4 1 ,ˁ ,+ - ˁ . ,0 ˁ 06ˁ - 1* 6+8ˁ ,+* ˁ *1*ˁ X2"+ - ˁ . 19. *60 ˁ 0 51*40 06ˁ
06 . - ˁ 12I 4ˁ ,1 - 5 070*4ˁ . ˁ &070 1ˁ <+ +8ˁ 3+14ˁ "" ˁ *ˁ ,1 - - 14. 6.8ˁ ,15 .8ˁ " ˁ
,02. 6 ˁ - " + - ˁ " 41 0 - ˁ *60 0, 6ˁ %. - ˁ . 6 1, ˁ .41ˁ 6.6+8ˁ &0*0 +8ˁ . 1*ˁ <. - ˁ
1 - *0*"< *, ˁ 04ˁ 0+ - ˁ 06ˁ ,+ - 5 1ˁ 0 60*60 8ˁ , .5618ˁ 6.6 - ˁ +"50*4ˁ - 50 .6ˁ
+ 6 ˁ *<+ +ˁ ""53+0ˁ - * - 0ˁ ,1* +"61ˁ V 00ˁ .03+ 1 0ˁ 4ˁ . * - 1ˁ 6+" 6ˁ ""0 ˁ 6+ *ˁ
+. ˁ 51760 ˁ 6+ *ˁ .2ˁ 5. * 8ˁ . ,08ˁ . * - 1ˁ * ,0* 1ˁ .4 - 1:0*6 2+8ˁ * 6 9. 6+8ˁ 3+ ˁ
1, , . 1* 0 - ˁ ,1* " ˁ 40ˁ 5+9*. ˁ .2 + - 5074 ˁ 0, +*4. - ˁ 050 0ˁ .6 ˁ . +41 08ˁ + 6 1
+0 +*6

ˁ ˁ ! ˁ ˁ " ! $ / " #2 # ! ˁ ˁ % 2 !#$ #
2 # $ 2' / " # ˁ ! ˁ 2'3& ! $ 2; # / $ U ˁ; # / $
/# !# $ 5 ! M ˁ " $ ˁ 2 !2 #ˁ 2 - ' $

<   ˢ   #ˢ

0 +*6ˢ +J\ 6! 0-ˢ 51,*.8ˢ5 1ˢ60-0 6.60ˢ .ˢ .ˢ5 .0 0 61ˢ 5 1ˢ 0/ 90 06ˢ 0ˢ FFFFFFFFFFFFF'M
*61*ˢ 1"+- Z0ˢ 06ˢ +9+ 6*ˢ . 2. ,ˢ 5 +40*6 .ˢ 0 04+-ˢ ˢ +6ˢ 3+14ˢ .ˢ ˢ '
5 .0, 5 6ˢ &0*0 +8 ,,.:0 .6ˢ -140 .6 1*0ˢ.,ˢ "0* 6.60ˢ 5 +8ˢ . , 06+ ˢ 06ˢ 0/+"
,0 .6ˢ *40ˢ +6 *3+0Q.* - ˢ 12:0 .*60ˢ .*60ˢ 1,+"18ˢ ,1*,1 4 .0ˢ *0,0 "6.60ˢ 5 1
60-51 0ˢ .*, 0*6+ ˢ 6.3+0ˢ + 90*60ˢ .5+4ˢ + 6 +-ˢ 1"+-*.ˢ +6ˢ 1- "" 8ˢ 5 .:0
,1* +"0*6 2+8ˢ 0 5 +-ˢ: *,0 06ˢ 06ˢ 516 +8ˢ 40ˢ 71 60ˢ 3+.-ˢ 40ˢ 5 :.6.ˢ *<+ .ˢ ,19
6. 06ˢ 6.*40-ˢ .0-140 . ˢ 6.6+6ˢ -50 .61 ˢ 0ˢ 6.ˢ,1-51 66.ˢ +64+-40ˢ,.+.
,19*1 ,0 /6+ ˢ &0*0 +8ˢ *ˢ 5 6+8ˢ ,1* 504+-ˢ *1*ˢ :0* 06ˢ 04ˢ *ˢ "1,+-ˢ "" +8
. 2. ,+8ˢ 40" 20 .6 1* 2+8ˢ *60 0 "06Hˢ %+ *ˢ + +8ˢ 0 +-56.ˢ 40ˢ 5+9*.ˢ,1* " .<
* 3+1 +-ˢ 0/5",.6 1*0ˢ 40*+1ˢ :. .6+-ˢ 0 6ˢ ,+-ˢ 5.*ˢ 3+ˢ *+*3+.-ˢ 0-ˢ 01
40:0*6+ .-ˢ 50 .*608ˢ 6.*40-ˢ *ˢ 5+9*.-ˢ 5+41 0ˢ ,1* *0 .*6ˢ 3+1ˢ 0<+8ˢ 1,,.
"1*,-ˢ5 .060ˢ15 * 1*0-ˢ12".6.-ˢ0"+40 *6ˢ 06 1ˢ *A *+-# .4 .6 ,+-ˢ "040-
4+-ˢ 60ˢ +. 0 +*6ˢ 06ˢ ." 3+.-ˢ 0ˢ 9"-.6 .0ˢ+ 2 2+8ˢ *+50ˢ .ˢ %+ ,1ˢ ,.56 8ˢ ,1 1*.
, *90*4.-ˢ 3+1ˢ .41ˢ 5 1,+"4+2 1ˢ :0*6+ .-ˢ <+2 64 1ˢ %+ ,1 +-ˢ ,". 0-ˢ ,+-
3+.ˢ .03+1ˢ -. 60ˢ 40,0 *0 0*6ˢ 06ˢ 3+.-ˢ ." 13+ˢ *6 .ˢ 1 *67 .,+-ˢ" *+-ˢ 3+1
0ˢ 0,050 .6ˢ .99 04ˢ, 6 .ˢ50 ,+"+-ˢ *1*ˢ 51 %0*6ˢ G+.0ˢ 0*60*6 .ˢ +9 0*6 8ˢ 516 +8
3+.-ˢ 3+.0 0*6 8?ˢ,0 6.-0*ˢ ,+-ˢ 5"0*.ˢ "+4 ,.6 1*+-ˢ -0 61ˢ &0*06 8ˢ : 40 06+
""ˢ,1*6 .ˢ .+,08 1 *67 .4ˢ *+8ˢ *" 40*4.8ˢ ,0* 02.*6ˢ .6ˢ 2.+4ˢ 4+2 0ˢ +50 2
.* -ˢ %+ ,+-ˢ 506ˢ 0ˢ .,ˢ".,0 "ˢ -5.6 0*60ˢ 0 0*60-ˢ +"6 1ˢ 5 14 6+ +- .+6ˢ 6
.4ˢ 5+9*.-ˢ *1*ˢ 0/0.6ˢ 6+ 5 -.-ˢ 6 -16 8ˢ,1* 0 " 1*0-ˢ .2ˢ 5 1ˢ 0/61 6+-ˢ
%0 6 .ˢ 0*60*6 .ˢ + 6ˢ +6ˢ 1- ".ˢ 5+0 "8ˢ.,ˢ 4 ,+".0ˢ <.4.*6 .,ˢ.+ .ˢ -04 .-ˢ: .-ˢ
* 6 60 0*6ˢ *03+0ˢ 06 1ˢ,+ +-ˢ "040*41ˢ *03+0ˢ *ˢ -.* 0 6+-ˢ 50 ,+ +-ˢ 71 60ˢ
6 .ˢ -+ 6 1*08ˢ +.8ˢ 0/ˢ 3+ 2+8ˢ :0 1ˢ - "0ˢ *1*ˢ 02.6ˢ 5 +-ˢ,0 6.- 7ˢ -5. 0-ˢ
0/ 6+ +- ˢ ".,0 "0*41ˢ?04ˢ 51 1ˢ 0ˢ 50 90 0*6ˢ .,ˢU .:. *+-ˢ 06ˢ 0671*0-ˢ
:0"ˢ." .-ˢ 1551 6+*. .ˢ$0"151**0 ˢ+ 20-ˢ60*6.*0*6ˢ+6) 6.60 ˢ.,ˢ 1" 4.-ˢ9"1 .-ˢ
*40ˢ 051 6.6+ ˢ *03+0ˢ 0* -ˢ 5." 18ˢ %+ ,18ˢ + 208ˢ +.# .*60ˢ 5 1 +-ˢ 3,+"18ˢ
,/5+9*. ˢˢ 3+ 2+8ˢ 6ˢ .+/ "1ˢ :0* .*6ˢ ,15 .-ˢ ˢ0/ˢ .03+1ˢ .4+ 18ˢ< 3 14ˢ 6ˢ 50B
,+"+-ˢ +1 +-ˢ *09" 9.*6ˢ ,.56 8ˢ ." 3+16ˢ + 2 2+8ˢ E .0, .-ˢ 9 .:ˢ <+91ˢ 155 0 .-ˢ
*ˢ 50-ˢ " 20 6.6 8ˢ 0 04+-ˢ ˢ (0,+*4+-ˢ 7.0,ˢ 40, 06+-ˢ 0 6ˢ +6ˢ 51 1ˢ 0ˢ 50 B
90 0*6ˢ 06ˢ ,3* " .ˢ.4ˢ 1,,. 1*08ˢ.,,3- -54. 0*6ˢ 1-*0-3+0ˢ 5+9*.0ˢ .,+"6.60*:ˢ
3+.-ˢ 5 -+-ˢ ,. +8ˢ 4040 6ˢ . 50 0*6ˢ 9 6 ˢ1-* 2+8ˢ 5 1: 68ˢ 0" 41ˢ ˢ 5 ˢ
"61 0ˢ &ˢ 1*ˢ 4ˢ 60ˢ *ˢ 057."0* .-ˢ *60*4+*6ˢ 0140-ˢ 1 4 *,ˢ 3+0 *ˢ +5 .ˢ
4 /6-+8ˢ ' 04ˢ 0/5",.6 1 2+8ˢ ,15 8 *0ˢ -5 1: 1ˢ 405 070* ˢ 4+-ˢ 5.6 3<+ˢ 62ˢ
3+ 3+0ˢ +-+*6ˢ 1 4 *08ˢ 6+ 2. 0*6+ ˢ .+6ˢ 50ˢ 6 05 4.6 1*0-ˢ.,ˢ 6+-+"6+-ˢ 3+ 4ˢ
3+.-ˢ .90 06+ ˢ $ -1ˢ 4 0ˢ .4ˢ D ,+ .-ˢ * +".-ˢ 5 1,0 " -ˢ 51 60 1ˢ 057."0* .-ˢ
.550""+*6ˢ ˢ + 5+-3+0ˢ 5 6ˢ 057."0* .0ˢ 06ˢ 8ˢ 67.,.0ˢ *60 <04+- *9 0 ˢ .51 6.ˢ
:+"91ˢ "0/.*4 .0ˢ 4 41ˢ .*,1 .8ˢ<., +*6ˢˢ+2ˢ 4 5+6.6 1ˢ 40ˢ .6 1*0ˢ 71 6 8ˢ .99 0ˢ
4 0*4ˢ 616 08ˢ .9 6.6.ˢ 5.*1 +-ˢ . 6+ˢ -.9* 8ˢ ,1*60*6 1* 2 8ˢ 40*+1ˢ 0506 6.ˢ 0 6ˢ
3+.0ˢ 3+.*3+.-ˢ 0/ 6+-ˢ *1*ˢ 7.20 06ˢ 6.-0*ˢ 4+-ˢ 2 6+*.0ˢ . 2 6 1ˢ . 63+ 4ˢ,0<6 +8ˢ
6.6+0 06+ ˢ 40, 06+-ˢ + 6ˢ 55 --ˢ $06." .0ˢ 5060*4+-ˢ 3+ˢ .ˢ *+8ˢ 1 *67 .,ˢ
1 1ˢ - *+8ˢ 2?5. " +-ˢ *60 :."" 1ˢ .20 6ˢ 0-1ˢ0 .6ˢ 0/ˢ 8ˢ 3+ˢ 5 10" ˢ."0. -ˢ
406 04.2.*6ˢ 3+ 71 63*ˢ 5+9*.*4ˢ ,15 .-ˢ .4+ +-ˢ , 040 06ˢ 013+0ˢ 02.6ˢ +6ˢ
5"0 3+0ˢ 4 , - * 8ˢ 3+14ˢ *+""+-ˢ - - *0 0ˢ 5+6.2.*6ˢ -.9*.-ˢ,+5 4 6.60-ˢ:+"6+ˢ
W ˢ:1,0ˢ 5 .0ˢ 0ˢ 0 0*6ˢ 0/ˢ 6+61ˢ 0 1,08ˢ 9 6+6ˢ 0/ˢ "0/.*4 *0ˢ 53 6+ˢ 60ˢ .+6ˢ
3+.60ˢ :0*61ˢ 0 ".*60ˢ 5 17 2 6 ˢ 6.*40-ˢ 5 4 0ˢ 1*ˢ 4 Uˢ,+-ˢ "+*.ˢ 50 *1/ˢ 0 "0 ˢ
09 04 +*6+ ˢ 3+1ˢ 0140-ˢ 4 0ˢ ." 8ˢ 3+ˢ ,1*6 .ˢ $0 67 .ˢ 0*60*6 .-ˢ 60*+0 .6ˢ +6
,+*4.ˢ

ˢ# ˢ ˢ; & $ - ! ˢ ˢ ! # $ 2ˢ ˢ !# $ -ˢ 2 , !ˢ: ˢ #!$ ˢ ˢ ˢ
5.5!# &ˢ 9ˢ./ /ˢˢ M#ˢ ˢ " #

V@ A =

' , - 4 . ' .4' ,0 6. - 0*' 5. . 0*6+ ' *0' 5+9*4 4' 1, , . 1' 0".20 06 6 5 (< (' .*4 '
/ ' + 6' # ,+, .40 - ' + 3+0' 5 19 04 <' 3+1' 015 8' " +8' * +" ,". "0 - ^ - . 0*6' $0 '
67.+8' 06 ' . 6+ - ' 5 .0 ,*6 06' ,+ - ' 6. - 0*' 5 .00 5 6 .' 8 * - .9 8' *1*'
3+. - ' .50 60' 5 .060/61' (0" - ' - 50 1' 0"+46. ' 51 "06 ?' 8 +6' .,0 ,*6 14' 0/'
40' +.' ,6' :1"+*6.60' - 50 .61 8' 0 "0' 4+,0 0*6' 50 - *R' 6.3+0 " 8' $.6 8?'
3+.0' + 28' 0 6' *' 1 .' $0"151**0 ' 2.+4' 5 1,+"' ' 7 1' 06' 3+.0' *6
.+,08' 1 *67 ., ' *+8' 1": 6' 1 6 + - 3+0' 5 .060 :0 6+8' *140' .55060*60' .4>
DE.".*9.8' "1,+ - ' 6.' 4"4+ - ' *' " 61 0' ' 5 ' " 2 6 6 6') 6' 60 - 51 0' 0'.* - 1 + - '
- 1 - ' +6 *3+0' 0/0 , 6+8' ,1*9 - 02.*6' * 6.?' +6 *3+0' 15 1*0' ."60 +6 + - ' 0 - '
,0 6. - * 8' 50 ,+"1' *1*' ,1 - - + + - ' < .63+0' 6.' +6 *3+0' *1*' 6. *' : 4' 3+. - '
+9.6' 71 6 8' 40,+8' 50 03+02.*6+ ' 9 6+ ' *1 6 ' .4' 8' ,"+*.4.8' * +".8' 12 ,+ ' .4'
7+*,' 4 0 - ' *1 - * 8' 04' ,2' : 41 . - ' .' W7 6 .* 8' 5. 6. - ' 51 60.' *12 " 6.6.8' 4+2 .F'
.47+,' "+,0' ,+ - ' 50 :0* " 0*6' 0/ 9+1' .' 51 6+' *' 3+1' 1 608' 6.2.*6' *60 :. ""*'
,+ + - ' *7 2+0 +*6' 0 : 0 * 6 ' 0/504.*608

& ' % 1 + 8' ""0' 6 .4+85 10" 8' - . / - 8' . - 1 38' 150 .0' 5 06 + - ' 0 6+6' 1,+" 8'
+2< , .6+ ' 2' ' 4 1' 5 1 - 1*61 1' 4. : ' : 41 .' ,1*6 .' ' *61* + - ' 06'
"015.6 . - ' 09;56' 09 *. - ' 5. 6.' 0 - 1 1' 3+14# - 2 ., + - ' *+ - ' ,".+4 6' 06'
1' 5"+8' 3+. - ' ' ' 5. ++ - ' .2 ,7 +.4 2+8' 4 6.6' 0+,.8' +2U 6' * +". ."6+' 12'
. - 1 0 - ' + 0*6 2+8' ."6. ' 1" 61' .63+0' .401' (.557+8' - 1 60' * 9* 8' *40' + 6 +* '
:0 +8' 40 ,0*40*6 2+8' 1,,+ +*6' 6' 67.,.' 06' 057."0* .' 3+. - ' - 1/' +"60 +8' 5 1?'
9 04 0*41' 0/, 5 6 =.,;*67+8' 3+.0' D' 70"1*.6. - ' $0"151**0 ' *+ - ' *' V " 40'
504.6' 061' 6.*6+ - ' 8.,:', 1' 5. 6++ - ' 4 8<+*4. ' 0 *' 50 ' $0"151**0 ' 1 . - '
(05 60*6 1*0 - ' &0 +8' 0 "0/1' 6 *0 0' .4' 2 + - ' + 3+0' 06' *40' 50' *6 7 + - ' .,'
,1*6 *0*60 - ' 32<04. - ' . ,0*40*6 2+8' *60 @' 04+ - ' 5.6 + - ' 50, 0 - ' ".,+8' 5 .0206'
*' 3+1' +*6' ,7 *.408' #&' . 0*.' 06' " - 1' # ,70"1 ' . - * 8' 6.+ *.' 1*60' 50' ,. '
. .5.' "+0*6 8' *' 0+ - ' "1,+ - .990 6 8' 0*.6.0' +6' :060 08' , 5 0 0' 06.2' 0,7 *1'
,+<+8' 50, 0 - ' . 50 6.60' 06' 60 " 6.6, , 0 +*6' 4 4.,' *60 ' 7.8' .*9+ 6 .8' +2 0,'
1" - ' . .40*+8' D' 70*12. 2+8' 06' *4 0.8' ' + .' * 0 6 8' 9* 8' 4 +' 3+. ' 5+9*. '
6+ ' ,1* 6 60 +*6' ,1 - - ".0' +6 *3+0' ., 08' + - ' %+ , ,.' %0+,.40 - ' 5060 06'
*1 6 .' 3+.0' ,7 *.4.8' +50 . 0' *, 5 02.6' 1*' 4' 3+' 4 08' *' 1 - * ,. - ' * '
, 402.6' : /' 1 61' 1 0' 1,,+ 6<' ,1 50413+0' 71 60' 3+' 2.+4' . - 5" +8' / 1' 5. '
"++ - ' .27 *,' *,0402.6' ,/5" ,.6 8' ,6' 1 4 *.6 8' *0' 6+ - +"6+' *' 60 - 51 0' ,15 8'
+ 6 ' .2' + .' - 1* 6+8' ":. 1W . .*1' +2 4 . 1 + - ' 5 .0 041' 0* /0' - 54 . '
0 05 +8"1,1 - 1:0.6' 5+9.0;0' - - ,0.6' 3+. - ' 0 6+ - 06' 0/5"1 .6+ - ' 7.20.6'
*+"".' *. : 9 .' .' 60 91' 71 6 + - ' 0" 4 . ' *. - ' 0/ 9++ - ' 3+.*6+* : 8' *+ - 0 + - ' 0,0*60 - '
06' *6.4* - ' 0 " 8' *,+ - 20*60 - ' 51A%0' : 41 . - ' *," *. 08' 06' ,1* +"6 +8' 0 0' +6'
." 3+.' 5. 8' .4' ,. +8' *15 *.618' *609 .' 0 :06+ ' 6+ *' + .' ,1 *+' ++ - ' *' ."6+ - '
,/60*4 6' ' . 2. .*8' +' * 6 + - ' 4+,02.6' ,+ - ' 6.*6+ - ' ,+ - ' 5 .061 .' +.'
60 6<0,' 5 15 *3+. 06' 3+.*6+ - ' - . 8' ."6 6+41' .":,1' 6 60 - + - ' 0 0*41' .6 8' 0 06'
,060 ' 6 0 . ,7' +50 1 - - ' 4 0 + - ', 02 1' + +' 0414' *' "1,+ - ' ++ - ' *0' 6+ - +"6+'
+,,04+*6' .03+.6.' 0 0' 1*60' *' 3+.' ' 6 0 - 08', .*6' : ") 8' 3+.8' 4 / - +8'
- .<1 8' 1 - .,' 1 6 .6 8' .*60' ." .8' 6.6+6 8' 3+ 2+8' J .*, *8' ' +14+8' 5 .00 .6'
. 41*.' 5 .0 - "%1' .*60' + .0',1 *+' 3+' ,/,+ , 4 ' + 6 +8' - 04 1' "1,1' 6.2.6'
,+ - ' 09 .' *. : ' ,+<+8' .6+8' 40/6* - ' 51*6 , .' ".0:+ - &,*06.6' 5 .061 .' , *902.*6 '
3+ 2+8' +6 *3+0' .55" ,.6.0' 0 .*6' (.2.+4 .*.' 06' E0*+0* 8' .63+0' " .0,' 3+ 40 -
"0/.*4 - -

% $ ' ' + ' ' ' 4 , $' ' ' ' $' $' / ' ' ' '
5 ' ' ' ' , ' ' ' :. ' ? # ' ' ' 4 , 6 ' /' ' ?
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% ' I' (15h .*' - 06' 5 1516. - 1' $. +6. ' ,70"11' 4

" " #5 ' ' 9 " ' 5 ' 4 ! ' 2 ! : ' . / / ' '
4+.0' .4' + 618' ,. 8' .44 6.0' + * 6 ' 0. * 40 - ' - 04 . - ' ., 0 - ' "6 - ' ,". +40 ' ' '
2.*6' * 6 .' $.+"+8'A, 4.*+8'" " *+8 ' 40/6 ."# 0 " - . 0'5 1 ' 0 1 1"; - 6.*. + - '
6 < 0 - + - ' 5 .0 0 6+8 ' . - - 4.6.0' 1 * 6' ,0"1,08' 1 - *08' ., ' *.: 9 . ' +6' 508' 0 J+9 '
1 - * 2+8' 5 .0, 40 06+ ' 6' %+ , ' 5 55 *3+.*60' *5 6 .' ,". %0' 6.6 - ' :0". ' 40< 4+*6 '
.*60** 3+0' +2".6 8' . - . - 0*6.' 0/504 +*6 ' ., ' - 0 - 0*61' 0/' :060 ' 4 ", 5" *.' 06'
*5 04 2 " ' 1204 0*6 .' 5 +*08' * 6 ++*6 ' - 04 +8' 6.2.6?$0 67.+8' + - - ' - 50 '
4+/ ' 0 / / / ' 6 0 - 2+8' .2' +6 53+0' ".60 0' 4 55 6 8' .2' 01' , , 60 ' *60 <04 8'
*.: 2+8' 40/6 .' 5. 60' *' 60 . *' :0 . .*8' "1, + - ' ,.5 6' , + - ' / / , ' *.; 2+8 ' 06' 40/ '
6 + - ' ,1 *+' 070 - 06+8' ., ' ,' (1,7+8' "0/.*4 .0' 5 .0 ,8 ' * 6 + - ') "+C." 8'
' 90 .0' 5 .061 ' 0902.6 ' *1 Q'"+*.6. ' +6' *60 ' %+ 058' + +8' 0 6 ' 04' .03+.6.' 0 0'
1 * 60 ' 0 ,' + 6 +8' +2".61' " 9*1 ' *' 3+1' 1040 .61 + - ' 5 *, 5+ - ' * 9* . 0/ '
5 0 "^' 0 .*6' 06' 3+14' 20*0' :0 60 06' 0+ *' ,1 - 5 0,.6+8 ' *' ,0"1,0 - ' 40 00*4 6'
40 - 3+0'+6' .,0 0*6' 03+0 0* ' 06' 1"+ - *.0' 5 .0, 5 6' 3+ ' 1 4 *08' 3+ 3+0', ,+ - '
:04 ' 058' .4' 1 6 60 ' 5+9*. - ' ,.50 "0*4.* ' 7 61' .+ 5 ,0' 71 6.*6+ ' 5 0' *'
- 04 .' ., 0' - " 6. 0 - ' 5 .6 520 - ' .4' +18' 7.2+ 6' 3+. - ' - " 6+ - ' ,+ - ' . 41 0' 5+9B
*. - ' 4051 ,0 6 + - ' , . - 1 ' ".06+8' +2 0,+6+8' 0 6' *40' + 6 +8' *' 09 . - ' 04 6'
,+ - ' 0140 - ' 60 - 51 0' 5"+ - *.' 0 ' 5 *N 0*08' 5 ' 3+13+0' *' +.8' 0;0 " ' 0 "0*6
"5"5 1'+6 *3+0'61 - 0*6 ' 4+'+6 .03+5' ., 08' 5 15 *3+. 0' ,10505 ' 06' ,+ 5' ,1 *+'
3+14' D 1 .0' $551 66+ - ' 0 .6' 3+143+0' 12<04+' 60 30' 3 6 1' ,0 * ' *1*' 5160 .6'
+"6 .' *1 6 . - ' ., 0 - ' *,040*41' 0/60*40 069 ' *1*' 04.' + . ' +6 ' ,060 ' .,0 0'<+" '
&.*6 ' *' 71 60 - ' 4+, 6' 04' :0 658' *0' 754 8' 0/' ,. 3' 1,, 1*0 - ' ,.5 0*8' 0', ,+ - '
:0* 06 ' 0+ - 3+0' . 6+' 0140 - ' 3+1' 50X 02.65 0"+40*e+3 ' .6+8 ' 5 1 .' *' 0. *' 6 '
0 - 0 - ' :0 . ' 3+.0' 05 *+' 0902.6' .4' 5< - ' - 1638' 06' ,1*.6+8' 5 0' 3 13+,' ,1* 4 .'
06' ,+ + - ' 4 90*4* - ' 0/ 6 - .: 6' 6.' .4+ - ' 0/,+ .6' ' J1" 06. ' 06' 0 1 0 *' .4'
0 ' *.:." 8' 50 6 . - ' 0 0 6'< 3+ ' 6. - 0*'<0/ 6 1' 5.0*0' +* :0 .0' 0 ' ,5* 6 6 6' 4+* '
"1*9 68'.2' ., 0' 0,040*I' + .' "./.6 8' 1<04 * 2+8 ' ,0 6 - . - ' - 5 0 1*0*<' ., 0*4 '
%+ , 8', 1 - 6A"1 4 6.60 - ' 5 .020 ,6' ,' 6+*.' 3+ 40 - ' - .* 0 65' 0 ' <+ 6.0' ,.3 .0'
. 5 *6 8' 20*0 60 5' :0*6+8 ' 3+ ' 2 - N +"3+0' .4;0 +8' 06' *,1 36 3 14+8' *1 "/ 8' +0 .6'
- 1 - 0*61' 51 + 6 ' 6.*6.3+0' 5 .060 ' 0/504 6 1*0 - ' 0 0* 6.8' 09 6.' 06 ' *6' *1*' *'
- . ' 04' *' ,1*6 *0*6 ' .03+1 0' ,5* 60 ,' 2 ' 3+ 3+0' 50 +.40 06' *60 0.' *60 '
- 04 .8' ., 08' 5+9*.6+ - ' 0 6 ' 06, + - ' %< , ,.' 5 15 +8' - .<1 8' 1 - .0' 6 0 - 2+8'
5 15+*3+. "06 ' : ' 61 - 0*61 + - ' *,0 " ' 05056.' 0 6' ' .,' &0*0 +8' 3+ 40 - ' A5. - 8'
8' .+ 04.* ' 06' .62.6 * ' . 506 ' 6 0 - 0 8' 2N4 *0*4+ *' 5 - + - ' 71 " + - '
- 506+ - ' .*60' 5 .061 . - ' +. - ' 6+ 6 ' 40 - ' 56' 1"+ - *.' 0, 6' %+ 4' 1 4 '
?+ 2+8' 1"+6 8' - 1 + - ' 6620 - + - ' 2 61 *.6 5*0 - ' 51*2 0' 5 .060 ;04 ' *?" * I6 + - '
*1 6 . - ' 05 *+' ,.60 :.6 - ' *,+2.0 +*6' ' 92' *90*6 ' .9 .6+D' :0"+6<' 40* ""2*1'
- 2 0'0 - 6$ ' 5 10" + - ' +2".61' - 1 0' 90 < 6 8' 2 2. 1' ,".6 1 I ' 1 ' , ,.' 40, '
*. - ' 056 - . - ' 25 . - ' ' 3+1' *' - 506+' ,+ - ' 9"52+N'6 0 - + - ' 21 6 " + 7' . 2. E+ - '
, ,+ - 604 606' " 6+8' "090*45' 06 . *' 05 - ' .' 60 91' .41 6' - 6' . 2. ,6 8' :0 $' 49 - '
*.< 0' - 50 .61 .' - +*0 .' 1 - * .' 0/ 03+ 6+ ' ,+ - ' !<. - ' ; 41 . - ' *' < - .* 2+8'
7.20 0' *' - 04 .3+0' 20"" ' - 1"0' ;0 . 06 - ' 4+' .9R6.0' *' 5,+"1' .,,0561 ' 0/' 3+1'
03+0+6' 0' 40,5" 66' 5+9*.' 0/ 040 0' ,5.4+8' & ,+< 8' *' "1,+ - ?' . 5+8' < 5* '
6. 0.+8' +,,040$(' .;+50+" ' 5. 608' + - - .; 6+60' +55 0: 6' k' 3+ ' 06' *' 01' ,1* " 4+'
50* 6 ' 50 0 +56' 6' ,+ - ' 01' 5' 5 6 1' ,16*+' ; - 0056 +8' G+ *+8' 06' *4 0.8'
. 2. ,+8 ' %5 ,4' <. - ' .2' " .' 5. 60' - 5. 08' ,+ - ' . - ,+ - ' " 6+8' 5 550' 0 "06 ' *'
' 6 05 4 ' 0' 0<, +*6 ' *.:0 8' ./ 8' "" .8' 06' 40 0* 1 2+8' :.,+.8' 0" *3+0*608

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%'. ' ' 20';' U' ' 1)$' 2 ' ' "$' " ' ! "#' 5 & ! $' I ! #

E "6 "1* 0.40 - 1 6+*. * - 04 . ., 0 + 6 * 3+. *+" . % + , ,. 0 3+1* .%*
60.40 - 0 J+9 ,1 - - 14 6.8 *1* 0 .6 3+. - : 8 + - - " * 3 6.+2+8 5 0 - 0 0*6+
0 ,0 6. - * +2 6 . / 6 + - *60 ." - 06 + 6 - 5+9*.6+ ,.56. % 4 .
0 - 8 3+.0 "18 4+18 + - - 4+, 8 :0702.6 .2 "" 8 4+.2+8 3+.8 09 .0.55"
".6.8 4 / - +8 .,40 - + - 5 10" + - - .9 8 * 6.+ .6+ ., 5 .0, 5 " f 0*0 1 .,
1"+ - * . ,+ - 3+1 5+9*.2.* $1 - 50 +8 # E0*6 " 8 *61 8 . . . 1*6 (
.91* 4+/ $; 67+8 U .":06 +8 06 .67+ *+8 (,+6+8 1 - 09. +8 03+08
0 1 1"; - 6.*+8 ."" +8 36 6.*6+ * 1 - * 8 + 60 1 0 - 6161 0*60 5. "6
+6 - .6 08 5. :+" 8 * .56 2+8 06 . * 714 0 5 1 60 ,+". *0*61 0<+8 * - 0* *,".
- 0*6 + 6 +8 :061 3+ 0, , 40"0418 0/ U (. 41. "09 1*0 0, + - 7.202.6 4+,0
+51 J 9+0 1. 06 *1* 0/ 9++ - 40"0 6.0 *12 " 6.6 8 1 0 . * ." - , , 0 5 .061
.* 8 09 09 8 20"".61 2+8 06 , .9 66. 8 +2* / + - : - ., 6 06 ,+ - 4 + ,0 6." 0
6.*40 - ." 5 1 *60 0 61 5 .061 . - ,05 6 .+ 04.*+8 0/ *1 6 8 ., . 506 +8
3+ .*60 &0*0 + - 5+9*.2.*6 * - 04 18 . 40*6 +8 *:0 6 4 2+8 61 - 0*61 + -
50 0 +*6 *0, 5 1 *40 , , , 40 0 + 8 .* - 3+ 01 * 0 6 1 08 - 506+ - *90 -
*.*6 . 06 +"6 1*0 5. 60 *, 6.6 062 *.8 71 6 + - 6 0 - 0 8 * 5160 6.60 - 04 9+*6
616 40 - , .56.0 . &0*0 1 0140 - 60 - 51 0 06 . 1"+ - * . 04 * 2 0 &0*06.
12 " 6.60 40" 40 .6 5 .060 .+ 04.+ - 06 . 506 + - 0 1*; - +8 &0*0 +8
J .*, ,+8 8 1*+8 A1.**08 .56 6. 0*04 4+8 ;5 +8 06 A.,12+8 % 0 *+8
& ,0*6 *+8 < 9 .: 60 :3 *0 .6 A1.**08 0 - 2+8 %70141 +8 2 ."2 *+8 ."
- &061 1*1 .6+8 D .<06.*+8 6 0 - 8 51*6 , .0 ,+ E ;57 *1 - 0* 4+/ *
1 .,1 . - . - 1 + - 5 .6. - *, 4 " 06 51 6 ." 3+.*6+ - ,0 6. - 0* 01 1, , 1 71 6 " ?
6 0 - 0 516 6+8 0 6 A. - 3+0 - . 0 ,<+1 0 - 20*8 5. - ,.4.:0 2+8 06 ,.5 6 2+8
,0 : ,0 0 0) l 2 .,7 8 , + 2+8 ". 0 .0 + - 1 3+."0 0 06 0 - : :1 + - 06
*60 .3+. - 06 9*0 - ,1*6 . .8 - . / - 0 08 4 8 , +, .6 2+8 50 0+*6 + - +"+".66
., ". - 0 6.2 " :1,0 +2 3+0 50 1 . 0 0 5+9*.*6 + - .47+, * 0 6 8 ,". - 1 2+8
04 - .9 8 61 - 0*61 + - ., ,"155061 + - .91 , - * . , ,+ - 6 050 0 ? ,+ -
61 6 8 * 0 6 8 ,6 . - 0* 08 ,1*,+ 0 0*6 ." .0 5+55 2+8 *60 0 12:0 " 8 5+9
. 0 *1**+"".0 5 15 +8 5+5 50 8 ." . + - *:.40 0*6 3+ .04 ".60 2+8 *60
0 .55" ,.6 8 ,1 - - 660 076+ 1 - * .3+0 1 8 06 ,. +8 516 +8 3) . - ,1* " + - 0
90 0*6 0 , J"1 0*6 *. 6 0 - 8 ,+ 5 .00 .6 %71 - .8 04 ,08 3+. ".6. 06 4+, ,
L9 .: 60 .+0 .61 1 - * * .4. . :061 , . * +8 \ 1 - 0+8 . %+ , , 8 ,
,+ - :0*6+8 * + - - .8 .*9+ 6 .8 04.4+8 0 06 +50 :0* 0*60 " 1 * 1 5 .*1 3+
* 51 6 0 - 1 .9 - *0 ,+ - . .*1 0 - .* 0 .6 50 ,+"1 0/0 - 56+8 0 6 %+ - 104. .,
- 0 .2 " 8 0 .6 *6+0 6 2+8 ? 0 +2 3+0 ., 08 ,+ - 61**+""1 + - .4 7 "..*.8
6 0 - 0 8 .4*.6.*6 + - 06 0 - 18 ., 9+20 *.,+<. .556070*40*6 + - ., - 0 ,1 4 . -
*1 6 1 + - * 5"1 .*6 + - - .*+8 . - " 60 0 0 .61 06 . 41 0 ,0 6. - * 8 1 - *0 -
5 06.6 8 0* + - .4 .*0*606 5 .0, 40 0*6+ 06 *1**+"" 6. - 0* 0 0*6 3+ 7+ - .* 6.6,
- 1"" 6 .+6 50 "+, 0/ - .*, 5 8 ., 0*4 0 6 2+8 40 - " 8 ""18 * *.:0 8 .66 .
70 0*6 06 0 :. 0*6 $0 67.+8 ,+ - 3+.6+1 *1 6 . - - *.: + - 5.6 1 46 . + -
71 . - - - 506+ - + - - . : + 6 *+ "%06 6.*40 - 1 - * - " 60 . - "2 06 *.:0
.41 9+20 *.,+"1 "+ 6.*60 . +6 09 *1* 51 "06 * 50 4 6. - 50 - ".21 08 -
50*4 ,0 *0*8 ." 8 ,.5+6 06 40 - 0*6 0*6 + - - +"6+ - 0/ 0, . - 8 3+ 0 06 .4.*
60 - .50 6. - 50 * , 0 - ?60 - 0 6.60 +. 404 "0*6 ,1* 00* . ,0"1,0 3+. - .4
+2 618 ,. +8 5. .6. - 7.202.6 5+9*. 0/,04 6 ,15 .8 09 .8 06 3+ ,3+ 4 *.:."8
6121 8 ., "1 8 671 - .* ,+ - - 50 + - 7.202.6 * - 04 1 *,0*4 1 ," *3+0*8
*60

29 !# $ 2 2 2 ! ! , 66 $ 2 #/ ! . /
0 ")$ P " !# ! $! $!#$ L ! ## ## +# !
!6 $ 2 " $ / $ W9 # ! ; !

$ % & (#

- ;

66 60 7.0,)"6 .."8 1 - " 2 + 40 * * 04 . -?.40 - 50 + - 50* ,+ - 6. 1 - * .
"4 - - 6 . 06 +6 *+""1 0 5 , "1 - 5" ,4 06 , / 3 4 6 - "2+ 06 - 1 " 0 0/
5" , . 0 51 06 3+143+ 0 0".20*4 . ,+"6460 - 2 0 50 06 51 63+. - 4 ,+ 1 + - 1
,9 +6* *+ - 40X04+ - 0 - 3+ .4 * 3+. *0" *.6. - : 4 6 \ , .+6 8 2 .90*4+*
5.6.; 6 + - 3* 0 *G 6 ." 1 , , 1 : .1 . - - 2 3+0 ,". - . 0*6 03+0 . - 0*
5"0*. : 41 . 0 516 618) "+C." " + , "+, 4 ",+ .*60 0/ 6 - . 076 * U+ - -
506 - 1 - *0 :0 6+*6 .6 ?? + . - 3 579 +8 * ."6+ - 0 0/60*40 .6 - 1/
,+ - 0 "0/+ + - ,6 6. 72 60 * . 60 92 06 . 2*60 , ,+ - 0 6+ - . , "0 5 1,+"
4+2 1 155 4 - &0 +* "" ."6 . 15 * 1*0 +* S?I*. - + . 279 1 0
. 6 2 6+ - 506+ ,050 .6 3+. * +6? * 60 - 51 0 1, 8 ".21 - 6 2+8 5 .0 61 0 0
516*0 6 3+ 2 1 .4 5 1 0 - .44 66 8 *4 5. + - 406 - 0 6 02+8 *2 6 8 .66 "6
*60 - :060 .61 5 .6. * 7 6 .*.8 6 0 - 0 8 40 0* 1 2+8 5.0*0 51 6 "1*9+ -
00 6.* 0*&.,+.8 *,+ - 20*8 0.8 :070 - 0*60 . " / 6 06 3+. 4. - 4/ 8 126 +*, .58
6 " 6 2+8 5 .060 0 ..0 1 0 - 3+ , + 50 60 - : 6. : 6 * 51"0 6.60 - 0409 6
.56.0 $06 1 , ; 0* 8 5 1 8 "" +8 3+0 * 4 <6 06 *41: , 2 5 ,
% . :0* 8 6 0*608 04 4+.0 51" 0 5 08 4+ -) "+C." 8 #3 0 .90 3+. : 41 0
+24+, 6 - 1/ . 61 6 8 0,056., +*6 06 5 ,+8 - +"6 8 :+"*0 2+8 . , ,056 8\ 0/
71 6 +7 - . * 2+8 0 056 (" . 01 ,1* " 4+ 50 6 0*04 4+8 (1 .*6 6 8 3+ 4+*"
4 + * . :0 - +.*6 + - - . : 6+60 40 0*4" 06 5. 60 ,+ - : 6. 0.* . * 6 *0,
- 1 8 0<+8 *+"6. + 6 *. - 73 60 * 0<+8 6 - 0 - 6+ - +"6+. 1 2 " 0 "60 ,+6
5+": 8 61 - 0*6. +8 9*0 - ,16 005 06 ,+*4 * .0 0 - 4 8<04 . , 4 00 56 " "*6
$ .060 0+ 5 06 40 40 .6 0 1*; - 6 8 1*6. 0*+8 # *6 U .*4+8 A.,12+8
04+8 76 9 $. 3+. ,+(@ E01 9 +8 1 *0" +8 06 8 3+0 * 4 / $06 +8
+. + . 6.*40 - +50 :0* 0*8) "+C." - 0 0/ 5+9*. 045 0*60 6 0 +8 *0
,+<+8 40* 6+8 0 *60*40*6 2+8 60*026 S 06 .4:0 . 60 - 50 6.60I *,+ - 20*60 . , L
- .<1 08 "+4+8 :1":0*60 .4 03+ *T* 516+ .56.0 86. - 0* .4 / / 6 0 - 08
%+ , .0 , / 8 3+.0 , 6 60 .*6 .4 60 . *444. , 6.*40 - 3+ 0 ,) - %+ 0 . 52?
- 0 4 .*. 71 . , ." - : 8 * - ." . 50 ,0 6. - 0* + - - . 50 6 *. , . .4 1 0 - ".20*60 -
0/6 . / 0* . " 1 6 8 1 - * *2 4020"".6+ + 6 ,& 41 .0 . 4# ,7 *.4.8 0/ 648
6 3+. *+"". 7 .<1 40 %+ , 8 06 1 .0,+" 8 54 6. *+"". * *+8 +4+1 . + 6 1"
4+, - ,2*60*6 1* 08 06 5. 6 + - *1*? .4 0 9"1 . ?06 5+2" , . - 0 5+2" , .0
7 6 .*.0 +6 " 6.60 - ,1*" " . +. 0 0 0*6 + - ? 04 5 :.6+ - +2 3 0? ,1 - - 14+*6
, .56. 66 + - 4 4,*6 . 6+4 . . * : 41 . - - +"6. .4<+:0 +*6 L . * 3) . - : 8
%+ , , . ,". 8 *2 6 . - *+ - 0 2 %) 50 . 06 3+ 550 3+.0 *.: 2+8 ,1* 6.2.6<
,+ - *2 " 4 6.*6+ - ,0: . , : - .<1 8 1 - .0 0 "0*6 - .<1 0 .6 5+9*.*6 + -
* *1 0 . ,". 0 *+ - 2 +8 ,+ - .0 7 6 .*. , 6 0 - 08 , , - * - + - ,6
29" .62 08 7.20 0*6 06 5 .060 ,1*4+4.8 ,55 .8 .4 / / : ". *1* - 541 1 4 *.
6.:."08 4, ? 04 5. 8 , - 9+ - /. 1"+6 * 5 0 - " 20 6.6 . 5 1 - .0 7.+4
09* 60 40 6. 4*6 * %+ , , . !5 .40 6 0 - 0 8 5 1,0 + - 4*" 9*0 *14+ * "+
66 *8 5 . 0 0*60 8 3+.0 / + - 0 1 0 .*6 06 , 20"".61 08 7.202.*6 @ 1* 5"+8
5 A4 + - - 6 - / - " 608 0 0*6<" 3+0 ; 2+8 5. . - &." 40 3+ 550 0/.4 8 71,
<**1 4.21 2+8 : .4 .4 7.0, ?*+4 06\:+"*0 2+8 0/51 ,+ - *1 6 000*608
0 "0*6 9."0 8 06 "1 , 8 5 0 - 43*0 604 I %+ - "5. . - 5 + - + +8 *. - %+ ,
. 1 ,"155068 0 0 .9 66 8 *5 6 $8 *,0 "02.*6 3+. + - 4+8 06 ,"55506 8 - 28
, " 1 08 + 6 6 ,1*6 . . - .628 *:." 4 N 6+ 7 :0 1 3) +60 \.6 6 3+ *3+ 08 0 * "
*0 & 8 . ,++ - 5 1 , ."1 0 .*9+ 4 8 6. "0:08 . ,44+ 6 +6 : / + - - . - ,+60
R R 5 5 5 I 5 o I 71 - *+ -

% $ 4 "15 52 " I 2 ,) . $ 2 !2$!) 5 E2
B; * :K 4 ! !$ 4 : 5 A 6 #$ A
% A 6

' i ʿ A ʿ)Eʿ %)

ʿ 71 - "*+ - ʿ 50 6 *9. *6ʿ 06ʿ ,1*6 .ʿ"1 ,.8ʿ 06+ .0ʿ . 0ʿ *ʿ,1 A<(.ʿ5 ! 6 0*6ʿ , ,
2 ʿ ʿ 402.6ʿ 5"+601 + - ʿ 06ʿ - +* - 0*61 + - ʿ 7. *4ʿ "0 : 0ʿ 6+6X - 4.6+ - ʿ 3+ ʿ %+6 ʿ 1 * 1 ʿ
, . 0*6ʿ 6. *3+. - ʿ " 20 + - ʿ . ++ - ʿ ,1** /+ ʿ -504 0* N?ʿ 3+1 ʿ 02*6 . *1 6 8ʿ
4+5" ,0 - ʿ ,1 - - 14 6.60 - ʿ . J0<02.6ʿ ' ."60 . - ʿ 2. *1ʿ 5 . - ʿ 60 0*4ʿ .4:< 8ʿ 71 6 + - ʿ
,6+8ʿ ,1 51 . ʿ ."60 . - ʿ .4 - * ,+" ʿ 3+1ʿ ,"15506ʿ + +"6ʿ ,0 X 1A 06ʿ - 4+8ʿ : . , " ʿ
". *60ʿ "+ʿ "1,+ - ʿ 40 6 * .6+ - ʿ 5060 0*6ʿ) 5. ʿ 06ʿ *ʿ - . ,7 * . + - ʿ 4 5"1 1*0ʿ : 8ʿ
* . - ʿ ,+ - ʿ %+ , , . + - 6 0 - + - ʿ 5 1 .0ʿ *+ "1ʿ - +* - 0*61ʿ 6090 0*6+ ʿ 02.6;ʿ +6ʿ
61 - 0*6. ʿ .4ʿ 6+8ʿ ,"15506. 3 4 - ʿ 6161ʿ ,1 54 0ʿ 5.60*608ʿ 0/. * *. 0*6+ ʿ *0340ʿ
,1* 60 0ʿ *ʿ 5 1 . ʿ 46? 3+.0ʿ + ʿ - +*, 8ʿ 4 . - ʿ .4* * 6 . 0ʿ 51 "0* ʿ 6.6 - 3+,ʿ
51 6ʿ 5 - + - ʿ 6+ - ʿ 0ʿ "1*9 *3+1ʿ 4 5"1 +* 0" *3+0 0ʿ "1,+ - ʿ 41902. *6+ ʿXʿ ,+ - ʿ
,1*6 .ʿ *1" .0ʿ 3+.60 ʿ 06ʿ 36+33+ 08ʿ .+6ʿ 04ʿ . *5" +8ʿ 06ʿ *ʿ 5 1ʿ 5 9 .0ʿ. 41 0ʿ ,6 . ʿ
01" .0 0*6 2+8ʿ *60 ʿ 0ʿ 6 0* 2+8 ʿ +6ʿ 6+8ʿ *1*ʿ ."" 0 0*6ʿ 4 5"1 .0ʿ 4 *6ʿ G+.ʿ *ʿ
ʿ 06ʿ . 8ʿ .47 2 6.ʿ 0 6ʿ * . - ʿ 5 .0, 1ʿ 1 6 1 ʿ 3+14ʿ 0 +5 * .6 - +, 1*0ʿ +5 *18ʿ
3+13+0ʿ 4"+8ʿ . *60. ʿ0 - 1"" 02.6ʿ - . ,7 * .0ʿ <. *ʿ 04. ʿ 09 1*0ʿ 4 5"1 .0ʿ .0 +*66*+ - ʿ
- . 8ʿ .03+1 .40*608ʿ . 1ʿ * 0 .2. *6+ ʿ 0 0ʿ 0 - 50 ʿ ,+ - ʿ - .9*. ʿ 71 6 + - ʿ 6 .90ʿ
4 04 8ʿ 4 2+8ʿ ,5 - ʿ ,1*6 . ʿ %+ , , . + - ʿ 0<. ,+".6 1*08ʿ +6" *0ʿ 5060*608ʿ *1 6 .8ʿ
+50 :1". 0*6ʿ . ,ʿ : . * .0ʿ 0: .40 0*6ʿ *ʿ 5160 6.60 - ʿ *1 6 1 + - :0*0 - *6ʿ 0 / / / ʿ6 ʿ
0 - 08ʿ 3+. + - ʿ / : ʿ 6. *6+*" - *1 8 - .00 . *6;ʿ 0" 3+.0ʿ 5. 6 - " 61 2+8 "" ".0 ʿ
5. 6 - ʿ . - - 8ʿ .2 + - 56.0ʿ .+6ʿ +*4 8ʿ 7.+ 6.0ʿ " - 6ʿ< *03 0ʿ 5"+8ʿ 3+. 6ʿ #ʿ 50 60*ʿ
: 6. : 0ʿ 1* 6.78ʿ . - .ʿ 0 6ʿ % "+C." 8,+ - ʿ , , 60 ʿ / / / ʿ 0ʿ 6 .90ʿ 4 3+ 8ʿ 1* 6. 6 ʿ
151" - ʿ 51 60.ʿ 50 :0 6ʿ +2 . (0" *1 ʿ 3+ ʿ . , ,0561ʿ # .4 . *151" ʿ ,".4 8ʿ *+*, 1ʿ
*0ʿ 08ʿ 50 ʿ +. - ʿ .2 0*6 . - ʿ *ʿ + 20ʿ 6+ 2. 0*6ʿ , 6.6 8ʿ 6 *0 2+8ʿ ""+,ʿ :0*0 .6ʿ *1*
1"+ - ʿ 20* 9*0ʿ 0/,056+8ʿ 04ʿ 06 . - ʿ. - 5" - 1ʿ 71*1 0ʿ .+4+8ʿ + 6ʿ + - - .ʿ - . 6 *ʿ
- 50 ʿ .4ʿ " + - ʿ 40".6.ʿ ' 5 .060 ʿ - 1 0 - ʿ 671 - . * , .0ʿ .+".0ʿ *ʿ 3+. ʿ 06 . - ʿ , .". ʿ
ʿ - 6.608ʿ *+"".ʿ 71 - *+ - ʿ ,+"5.ʿ - . * 0 6.ʿ ,10"1ʿ - * ". ʿ 06ʿ 1 6 * .0ʿ 50, , .6.ʿ 6. < ʿ
ʿ 3+. - ʿ 5 15 .ʿ , - * .ʿ 4+,08ʿ 0 0ʿ , .5 60ʿ "++*6ʿ (04ʿ *ʿ 0.8ʿ . *9+ 6 .8ʿ 71,ʿ , . + 08\ʿ
"" +8ʿ 04.4.0ʿ 0 . *6ʿ +6ʿ 1".0ʿ "".1ʿ6 0 - 08ʿ 3+.8ʿ) "+C." 8ʿ 6. *3+. - ʿ 0/ʿ 5,0*4 1ʿ
0 : .6.8ʿ .44+/0 .6ʿ 0/ʿ 1 - * ʿ . *Q. - 0 6. 1ʿ 0" 3+.0ʿ 0X 0*6ʿ " 06ʿ . - "" 8ʿ 626ʿ 4+, 2+8;ʿ
) "+C." ʿ 516 1 4 - ʿ 3+0 *ʿ 7 6 . * 8ʿ +, ,0 + - ʿ + 90*6 2+8ʿ 1551*0 06ʿ *1*7.20 06?
$0 0 - *6ʿ 0/ʿ % , 8ʿ / / : , 1ʿ ' 06ʿ *ʿ 8ʿ ,1 - 5"+ 08ʿ 5 .061 08ʿ 3+18ʿ ; *"91ʿ (. *9 . ,18ʿ
:1, . *6ʿ , .56ʿ ʿ, 1ʿ ! ʿ *1 6 8ʿ #, ʿ6 0 - 08ʿ 40"06.0ʿ +*6ʿ ' 3+. + - ʿ / ʿ &0*06. ,ʿ
+0 +*6 *ʿ 3+.8ʿ) "+C." 8ʿ 5 - + - ʿ - 506+ - ʿ 0, 6ʿ 0ʿ @ 6 .I* ʿ .4U ʿ ʿ ,0, ʿ
40 +*6ʿ * * - .ʿ 5.68ʿ *ʿ 5+9*. ʿ 04ʿ 51 6ʿ 549*. - ʿ 5"0 3+0ʿ - *08ʿ 0/ʿ "0: 2+8ʿ . ʿ
9 66. + - ʿ ʿ 4 2+8ʿ - ."0ʿ ,+ .6 8ʿ< *ʿ 3+ 2+8ʿ 50 . ,0 2.ʿ - 1 8ʿ +9+ 6 7ʿ . 2. , ;ʿ
- *+8ʿ +6ʿ *,0 + *ʿ : 41 .0ʿ 9.+, + - ʿ 7 6 . * 8ʿ ,1* 6. 06ʿ 0XJ0, 6ʿ?,+*4 8ʿ 5 - ʿ
40*6 . - *ʿ ,1* " 80/504 0*4 8ʿ< 1 0 6 . - ʿ - 140 . *1*0* ʿ 1 6 6+4 *0 - ʿ< . , ,060 ʿ
: 6+608ʿ - 50 .61 0ʿ 4 9*.8ʿ 3+.0ʿ 616 ʿ 01ʿ 20""1ʿ - . / - 1ʿ " + ʿ + " 0*6ʿ 06ʿ 06+6. ,ʿ
0 0*6; 0 8ʿ ".02 - 8ʿ 405"1 . *6 7+8ʿ 1**+"" ʿ 5 .060 0.ʿ + - - .0ʿ *12 " 64 8ʿ & ʿ
1 6 60 ʿ 5+9*. *608ʿ 1, ,+2+0 0ʿ ' *ʿ 3+ 2+8ʿ +0 0ʿ 0 * . 4 *+8ʿ ʿ . 4R 08ʿ 06ʿ 1 .6 +8ʿ
) *+8ʿ ʿ 3+ 4ʿ 4. - *+ - ʿ - +"6 8ʿ 7 6 . *1 + - ʿ: * ,+" 8ʿ 1"+61 +6*ʿ - "" 230 ʿ ,1 - ʿ
50* .6+ - ʿ 0 6ʿ I) 6ʿ *#5 10" 1 ʿ " 0ʿ 06 . - ʿ 01ʿ 5.6 .61ʿ - .9*+ - ʿ 5 .0 0*6 8ʿ - * 8ʿ
I .:1 0 - ʿ 0/50 60ʿ +*6ʿ *1 6 ʿ ,+ - ʿ *140ʿ 6 03+0*6ʿ +2 61ʿ 104.ʿ 60 - 50 6.60ʿ X21 6.ʿ
52 6+ - 6. *6.0ʿ ,". 8ʿ, .5. ,0 - ʿ +2ʿ - . *+ - ʿ 7.2+0 +*6ʿ< - .9*.ʿ 71 6 + - - 5 +40*6 . ?ʿ
3+ ʿ + - ʿ ʿ ."6+ - ʿ *+"". ʿ 0?ʿ - 504 0*60ʿ 4"." 0 - ʿ 5 150 0 0ʿ 51 "0*6 ʿ *3*ʿ . * - .4 Xʿ
:0 60 +*6 &3+. *61ʿ ,+ - ʿ 50 ,+"1ʿ 0,+8ʿ . - , - ʿ " 6+8ʿ 5+9*. - ʿ ,1 - - 660 0*6ʿ< 3+.ʿ
.4+* (ʿ 0 6;ʿ - 6ʿ 5 - 5ʿ - 506+ ʿ 3+1ʿ - . / - 0ʿ : ."0*6ʿ %+ , ;ʿ 6.6 * ʿ 05+ " . ,ʿ 4 6+ ʿ
2.6 , .56.ʿ +9.ʿ * ""+4ʿ 0ʿ 0<0,0 *6ʿ 3+14ʿ ." ʿ .ʿ " 61 0ʿ 0 .16 1 08ʿ *1*ʿ 0,0 , ʿ
+24+4.ʿ * ʿ0+ - ʿ 51 6+ - ʿ ,". "0ʿ *60 :0*6+ʿ 5 1,0 + - ʿ U + 6 +8ʿ ʿ &0*0 4ʿ . *60
ʿ 1 - * .

R ʿ #ʿ

1 * .ʿ , , 1 * , " 96+8ʿ 0 6ʿ 0* +ʿ 5 &. 6. 0 *@+ . 0 5+2" , 1) , , 0 "+ʿ 62 42 . 61ʿ " 6ʿ
+ - 3+0ʿ 60 - 50 63 8ʿ 40 . 0: ""06ʿ *ʿ "14+ - ʿ 5+9*. 0ʿ : 0*0 0ʿ 06ʿ <+, +*4+ - ʿ 6 - +"ʿ . 0ʿ ʿ
<* 0 . 2 "0ʿ 50 6. , +"+ - ʿ 1, +" 8ʿ * . + 0 0ʿ ʿ $1 60. ʿ 0ʿ . 4ʿ , 1*" " + *ʿ 0". 6. ʿ 5". , + 6ʿ +6ʿ
12ʿ , . 0 1 + - ʿ . , ʿ . +0 T + - ʿ * - 0 + - ʿ . ** * . 0ʿ 40 0 " < ; ʿ 06ʿ . *R ʿ 60 - 5+8 ʿ 3+14ʿ
<. - ʿ *+"6+ - ʿ 5 2, 0 " "06ʿ , ". - ʿ *ʿ "" 20 * . ʿ - . 6+ 0ʿ 04+00 0*6< +*40ʿ 05. . 6. . , ʿ
+55"06. ʿ . "0ʿ -) 6+ *3+0ʿ . * - 8 . , , 1 51 2+8ʿ . ʿ ". 21 2+8ʿ 0/7. + 6 8ʿ 50 ʿ 7 0 - 8ʿ
3+ 060 - ʿ 0 04 8 ʿ : 0 0ʿ *0+*60ʿ 0, 0*608ʿ . 4ʿ 50 03+0*4. 8ʿ 6. *6. 0ʿ : 41 . 0ʿ 0" 3+ . 8ʿ
04 0*66ʿ 1*") +R ʿ 710ʿ < +"6 8ʿ - 5 12. 6 R ʿ 6 05 4. ʿ 1 - * . ʿ 1* 6. *6 *151" ʿ 06ʿ
, , + *<. , 0666 2+8ʿ * + 8 ʿ "+ 6 ʿ & 41 . 0ʿ * 6 6 % *6ʿ 55 0 " - ʿ 4 4"6. *62ʿ
2+8 ʿ e+14ʿ . ʿ &0*0 +8 ʿ , +<+8ʿ - . 9 8ʿ *60 0 . 6ʿ , + - ʿ *1*ʿ 1 - * ʿ . 6 1*0ʿ . , ʿ , 1*60*6 1*0ʿ
- 504 06ʿ . ʿ 3+ 2+ 4. * . ʿ 05 070* +8ʿ + 6 3+ ʿ ; +"*0 ʿ *ʿ , + 0ʿ R, 00561ʿ , + . *44ʿ
*60*6+8 ʿ . , ʿ 5 10" 1 + - ʿ +6ʿ 5. * ʿ - . " 9*0ʿ <. 4. 2. *6ʿ . , ʿ 60"1 + - ʿ - 0*6 1*0 - ʿ
0/75 0 , 0*8 ʿ + 1ʿ 4 , 0 "+ - ʿ "+. 40*6 ǁ 6. *ʿ . , "0ʿ . , 3+ 0: 0 6ʿ (04ʿ &0*0 + - ʿ
0/ , +Hʿ 50 506 . ʿ 5. *1 + - ʿ - 0*8ʿ . , ʿ , 1* " 1 + - ʿ . 6 1 ʿ 3+ ʿ &0*06. 0ʿ 0 5+2" , . 0ʿ
ʿ + 0 6< <. 7ʿ . 2ʿ * 6 1ʿ 018ʿ 0 - 50 ʿ "+4 , . 6 ʿ 06ʿ *ʿ 60 - 51 0ʿ . +/) 1ʿ *09. 60ʿ f + 6 . 6ʿ
+0 . *6ʿ *5, ʿ * " 5+42 0ʿ ʿ : 4 ʿ 06ʿ 50ʿ , 0 6. ʿ +6ʿ %+ 4 ʿ . 4ʿ - . *+8ʿ *1*ʿ : 0* 0*6ʿ *ʿ
5+9*. - ʿ , 1* 0* 0 . *6ʿ 6. 3+0ʿ , + - ʿ *60"" 90 06 ʿ + 6 + - ʿ 09 8ʿ - 50 + *ʿ 05*4 ʿ
6 1*ʿ 5 . 0 60/0 0ʿ "1*9 +8ʿ . ʿ 4 6 1* 2+8 ʿ + 8ʿ , . "0 *ʿ 7 20 * . 60ʿ 5 17 20*6 8ʿ 006ʿ , + - ʿ
$0"155* 0 +8ʿ 3/ʿ 5040 0ʿ &0*06 8ʿ , 0 "+ . 0ʿ 0" 0 ʿ 5. *18ʿ *ʿ 0. ʿ 0/504 6 1*0ʿ *1*ʿ
- +"6+ - ʿ ". 21 . 6+ 18ʿ 5 1 40 , 6ʿ 0, 0*6ʿ . 47+, ʿ - +6+. 0ʿ *<+ . 0ʿ 0* 6ʿ - * - 0ʿ 2ʿ
, 1 - - 660*4+ - ʿ 5+6. : 6 ʿ 4ʿ . * - 8ʿ *+6 " ʿ , 1*60*6 1*0ʿ , / . , 0 2. 6 8ʿ 0<+8ʿ 0 - 1 . - ʿ
? 0*1: . 06 ʿ . <1 ʿ &0*0 ʿ 0 ʿ + 6ʿ 3+14ʿ , ++ʿ $7 " 55 "8ʿ . 9. 4 *+8ʿ ʿ 4 . 6 , ʿ
- +8ʿ 5 . 0 04+8ʿ +2ʿ 4ʿ 60 - 5+8 ʿ *1*4+ - ʿ 5+9*. 0ʿ *+* , 1ʿ . 0, 0561ʿ . 4ʿ , "" "0 - ʿ , + - ʿ
ʿ - . <1 8 ʿ 1 - . 0ʿ 6 0 - 2+8 : 0* "06ʿ +2 64 1ʿ . ʿ 0* . 6+ʿ - +8 ʿ 06ʿ 0 - 0*8ʿ . ʿ
- 10 0*8ʿ 6. *ʿ 5+", 7 . - ʿ 1, , . 1*0 - ʿ 2 ʿ 0 056. - ʿ 1*. * ʿ . 6 1*0ʿ . ʿ 5 . 0 045ʿ , 1*B
60*4ʿ 0 06 +6ʿ . "60 ʿ 66 2+6 8ʿ * . : 2+8ʿ , + - ʿ 8ʿ +9 0*60 8ʿ * 03+ʿ " 2 ʿ " , 0 06ʿ
ǀʿ 5 4: * , . 3+0 ʿ 75 6 "0 8ʿ 0. +ʿ . 661* 6. 8ʿ . 4 0ʿ 06*ʿ , /ʿ + , , 0 " ʿ 0 ʿ 90 0 4. 0ʿ , 1*< " + - ʿ
550 0ʿ < ʿ * 7 "ʿ 6. - 0*ʿ . 2ʿ 0Nǀ - 506 . 0ʿ 516+0 6ʿ , + - ʿ *09. 06ʿ 0ʿ . "60 0 ʿ 3+. 0ʿ + ʿ
- +*0 8ʿ , " 0*6 ʿ 40<09. 6+ + - ʿ +* , +8ʿ 6. *6. 0ʿ : 41 . 0ʿ 50 ʿ 5+ - ʿ A+ 6 * . *+ 66ʿ
. 4 0* . 6+ - ʿ - 6 8ʿ + - - . ʿ ". 06 6 . ʿ . , , 056+8ʿ 0 6ʿ 6 +8ʿ 40ʿ 4 00 "+ʿ , 0 6+8ʿ , +* ʿ 4ʿ
&0*06 8ʿ 0/1 . 6+8ʿ 0 , . 40 - ʿ 60*6. 6+ + - , ʿ 51) , 6+8ʿ 5"606ʿ 5 . 0 - " 8ʿ , . * 1ʿ
1 701ʿ 06ʿ E. 2 0"0ʿ ʿ (0 20""1*1 3+ʿ "1, ʿ * . 6 . - ʿ 06ʿ <. , 8ʿ 66+ - ʿ **ʿ / 9+1ʿ
60 - 51 0ʿ , / +97. ʿ 51%06# 0/", 0* 1*0: . 4. ʿ , 1*60 - 5". 0*6+ ʿ , + - ʿ "" ʿ * . . ʿ &
. +6ʿ . 4ʿ + - * - ʿ / / ʿ 4 0 + - ʿ 5. 6 + - ʿ 0 *ʿ 0ʿ , 1* 04+ 18ʿ 0, 05 "%0*6ʿ , 1*" " + *ʿ
1 - 6ʿ / + - ʿ 4 , 0 , 6< 0/ 9+. - ʿ * +". - ʿ , +<+8ʿ . , , 0 " 1ʿ 5. - ʿ E 6 . * . 8ʿ 1508ʿ . 56ʿ
ʿ 5551 6+6< 6. 608ʿ 0 "06?ʿ . 4+ . ʿ . 6 8ʿ 4 9*+ - ?ʿ *1 . 0ʿ 5 06 + - ʿ - * - 0ʿ 2ʿ & 40 7
G+. 0ʿ 60 ʿ 50 03+0*608ʿ . , ʿ 0, +*4. ʿ * . : 9. 71*0ʿ + ʿ 8ʿ 1 , ; . - ʿ 50 : 0* +*6ʿ +2ʿ
##ʿ 5 . 04. - ʿ *60 ʿ 0ʿ 5. 6 +*6+ ʿ ?$7 " 555ʿ , 0 60 0ʿ 3 ʿ 6 0 - 08ʿ , + *ʿ 4 . 4 . ʿ ʿ 01 -
? "++*08ʿ & ʿ , + 6"ʿ 4 - 4 . ʿ ʿ 5. : . 0 ʿ 616 - 0*6. ʿ - " 6. . ʿ : *ʿ , + - ʿ 4 - 4 1ʿ - . 9*. ʿ
& ʿ , +**ʿ 0 * /ʿ S506 . . ʿ ʿ , / /ʿ - *1 . ʿ , . 56 : ʿ 4 ʿ 2ʿ , , / ʿ ʿ &0*06 8ʿ 8 / / /ʿ , + - ʿ
4 - 4 . ʿ , 1 - - +*08 ʿ : ʿ , + - ʿ 4 - 4 . ʿ 5. : . 0ʿ / / / /ʿ , + - ʿ 05 "0ʿ - . 9*. 0ʿ - . , 7 * . ʿ
; ʿ 0: +*ʿ R* %0ʿ 506 . . , ʿ / / 1: ʿ ʿ - *5 08 ʿ , . 56 &ʿ , 1ʿ , * / ʿ 51< 6 , ʿ / /ʿ 6 ʿ
"0 - 08ʿ , 1 - - +*08 ʿ ?* ʿ 5. : . 0ʿ 61 - 0*6. ʿ / /ʿ - . 9*. ʿ - ʿ 506 . . ʿ / * ʿ - *1 . ʿ
5. 56 ; ʿ "1, , , / / , *ʿ *40ʿ + 6 +8ʿ 36ʿ 1"+ - * . ʿ , + - ʿ . 3+ 3+0ʿ 4. "0ʿ ʿ 0 ". * . - ʿ
506+*6ʿ 51 6+ - 3 0ʿ 1: . *638ʿ +20+*6ʿ &0*06ʿ 52 6ʿ 4 04 "+ - ʿ 5040 . 6. 0ʿ , ". 8ʿ . ʿ
9. 6 - - ʿ *ʿ ǁ 7 - . 0 16. 61; 09 2* , ʿ 2. +4ʿ 5 1, + ʿ *ʿ 2 , ; . ʿ 6+ - ʿ 404 6 1*0
, 5 +*

ǀ(! $2ʿ 2 !ʿ 2 !ʿ - $ʿ 2 ʿ ʿ !## ʿ 2 !# $ʿ 2ʿ ʿ
! $ʿ ʿ ? !#$ > ʿ 2 # #) ʿ 2)ʿ #! ʿ $X5 ʿ X $ $2ʿ 3
4 &ʿ ʿ / ")

$ ˁ ,050 +*6ˁ 5 ˁ 4ˁ 1: ˁ : 6. -ˁ . ,+"6.60 3+0ˁ .":.8ˁ 5. , ,0*6 2+8ˁ 2. 2 8ˁ ,6
ˁ ˁ 5 . -ˁ . ,0 -ˁ - 1/ˁ 9*0ˁ ,1*, 0 - .6. -ˁ 4 +0 +*6ˁˁ ;ˁ (15516+ -ˁ 3+13+0ˁ . Z . 6 % ˁ
40 0 6+ -ˁ "2. *ˁ 1, ,+5. +*6ˁ 06ˁ f 0*06 8ˁ 0 6 6+0 +*6ˁ ' .ˁ 3+ 2 "8ˁ 51 60. ˁ (0" - 1ˁ
044 6+ -ˁ + 6ˁ ? ˁ ˁ f l

ˁ 5 ˁ 7.0,ˁ .90 0*6+ <ˁ <. -ˁ .*60ˁ 51*6 0/ˁ R/ . *4 *+ -ˁ , . 4 * ."0 -ˁ 2 1 8ˁ
ˁ " + -ˁ *ˁ 5. * . -ˁ "09. :0 .6ˁ 3+ ˁ,1 - 5"+ 08ˁ " +8ˁ 5 E: *4.0ˁ 5 1,0 08ˁ .4ˁ 0/6 0 - 08ˁ
+ 3+Tˁ 09* ˁ " - 608ˁ .ˁ $7 " 551ˁ 71*1 8ˁ , .+ . ˁ - "28ˁ 0+ -ˁ " 60 8ˁ 50 . - .*60 ˁ 0 56 8ˁ
12: 18ˁ 7.2+ 6ˁ 06ˁ 52 6 0 - 1ˁ 4. ,+*ˁ (5 *1". -ˁ 05" 015+ -ˁ ˁ (09+*6 *+ -ˁ , . 4 ˁ
."0 - ˁ 50*08ˁ 3+0 *ˁ * - .ˁ 0 + -ˁ 09 . + -ˁ 5 1,+ .6 1ˁ 6+*,ˁ 0 .6ˁ 7 4+ˁ 6 *, 0ˁ
,ˁ .*6+.ˁ . 506. 1 + -ˁ 5 19 0" + -ˁ ' 06ˁ *40ˁ *ˁ .+".ˁ 7+ - .* 64 ˁ +5 .ˁ 3+. -ˁ 4 , ˁ
5160 6ˁ .ˁ 090ˁ 0/ ,056+8ˁ 0 6ˁ ˁ(+ - - .ˁ - . *4.61 . -ˁ 0<+8ˁ 06.6 ˁ 5 7+ -ˁ +6ˁ $" " 55+ - ˁ
,+<+8ˁ 55 2 8ˁ 08ˁ 7 6 .*1 + -ˁ * * 6ˁ . - .2.6ˁ .4ˁ 2X""+ -ˁ 0/ˁ 1040 0ˁ + ,056+*ˁ
- 5 9 0ˁ 90 0*4+ -ˁ 71 6. 06+ ˁ 06ˁ 71,ˁ . * *1ˁ . ,ˁ 40 *,058ˁ 5 1 - ".ˁ .+/ " .ˁ 2.+4ˁ
,+*4 . * 0 ˁ +2 - * 6 . 06ˁ 4ˁ : ." 6+ + .ˁ *1*ˁ - 141ˁ .4ˁ 150 -ˁ .2ˁ 5 2ˁ". 6. -ˁ
1 0 - . , 0*4 . - ˁ 04ˁ .4ˁ 0/0 - 5"+ -ˁ 3+13+0ˁ 06ˁ .4ˁ 6+4 .ˁ , 60 1 + -ˁ 5 *, 5+ -ˁ
6 - +". *4. ˁ 3+ ˁ5 1+6ˁ . "., 60 ˁ .+6ˁ "0*60ˁ 5 + : 40 *6ˁ *ˁ , .+ .ˁ ,1 - - +* :0 . ˁ
6.ˁ . , ; 60 ˁ .+6ˁ 0 - %0ˁ .4ˁ 1 406.60 - ˁ *6ˁ . , ,0 + ˁ ."60 + -ˁ , .5+6ˁ 0<.6ˁ +6ˁ E 4" .0ˁ
. ,ˁ + 6. * .0ˁ 0908ˁ .4ˁ 3+18ˁ 5 0ˁ 3+13+0ˁ .2ˁ . :+* ,+"1ˁ "09.6+8ˁ - "+8ˁ 0 36ˁ *5 - 8ˁ
:0 1ˁ . / - " .*+ -ˁ .0 . 0 -ˁ 1 1 + -ˁ .4ˁ .*4 - . - 0""ˁ 5. 6 , 5.6 1*0 -ˁ * ˁ
: 606 ˁ 7 " 55+89 .6 .8ˁ 51*6 , ˁ .90 0ˁ 3+ ˁ40ˁ 0ˁ 6. - 71*1 ,0ˁ 074.6ˁ 0060 + *ˁ
4020 0ˁ 5 1ˁ +.ˁ 5 +40*6 .ˁ ,19 6.60ˁ ?3+. *6 8ˁ 5 0 ,+ 8ˁ . , ˁ - 1"0 6 8ˁ 4 6 *0.6+ ˁ
3+. *6. -ˁ 3+. - 3+0ˁ - +"6 5" ,0 - ˁ 0 + -ˁ - 1"0 - ˁ + 6 *0.6ˁ 3+. *6. - : + -ˁ 5. 605 ??
6 .7.6ˁ 0, " -ˁ 20""+ -ˁ 0"9 ,+ -ˁ 0" 9 1* 8ˁ 06ˁ 5 + 7ˁ , .+ .ˁ + 0056+ - ˁ . ,+<+850 6,ˁ
& 00 2+(ˁ 7.0 0*60ˁ 01ˁ - .<+8ˁ 50 ,6 "+ - ˁ 3+1ˁ 5 15 +8ˁ 06ˁ *60 +8ˁ 3+ ˁ.ˁ % ,1ˁ
7 6 . * 8ˁ - - *0 .6,060 + - - 50 .ˁ - +6.6+ + - ˁ 06ˁ ,+ -ˁ .6 ˁ 0 5 0 6ˁ " 6ˁ
6 R0 - 2+8ˁ 6." , . + -ˁ 5 1: *, . + -ˁ ,+ 614 2+8ˁ *ˁ 6." .ˁ 0" 8ˁ 5 0ˁ *ˁ 5 . * ˁ ˁ
,+* ˁ 0" 3+.ˁ ,". 0ˁ 6 . * - 66.6ˁ *+*,ˁ 3+. *41ˁ 6.ˁ 51*6 , ˁ 5". ,0.6ˁ - 50 .6+ + %ˁ
+6ˁ *ˁ 6." .ˁ 7 20 *06ˁ G+14ˁ .4ˁ 0908ˁ .66 *06ˁ 50 . 0ˁ 0 ""18 *ˁ 1 , 1ˁ +6+ 18ˁ 06ˁ
3+1* . -ˁ 51*6 0/ˁ <. -ˁ 0.ˁ *ˁ 0ˁ 150 . -ˁ 0/ 9.6ˁ .4ˁ 018ˁ 4 " 90*60 ˁ 0 56+ + -ˁ #
;0 + -ˁ 0ˁ 0/ 6 - . 0ˁ E.""1 + -ˁ 40" 20 .6 1*0 -ˁ .ˁ . / - " . * ,1*4"78ˁ 50* . -ˁ
ˁ 1 0 ˁ*0,ˁ 5 +8ˁ 3+. 7ˁ ,59*1:0 "*6ˁ " + -ˁ ,1* " .ˁ ,+ - 1040 .6 8ˁ 1, . 0ˁ .* - + *ˁ
*+4.6+ 18 ˁ *. -ˁ ,"." 0 06ˁ - . 6 - .ˁ: .ˁ*+*3;5.*ˁ ,15 .8ˁ .E4+,08ˁ%+58ˁ + - - "%+ 18 ˁ
*0ˁ 2ˁ *0,0"76.60 - ? 51*. 6ˁ + 6 1ˁ 5. 0*4ˁ < 60 0 6 0ˁ .+60*ˁ 60 ˁ0"%0ˁ 1 - * *1ˁ
"" 8ˁ ".+ + - ˁ . / - " .*1ˁ 1040 0ˁ 06ˁ 4+, 8ˁ %+ ,1ˁ ."" 9.61ˁ 4+ -ˁ 51 60.ˁ 40ˁ
6 6+"1ˁ - .9*ˁ 6 + 4.0ˁ 4+48? 1 - 1ˁ .66 2+60 ˁ 3+0 *ˁ , 6 .ˁ 9 . :0 - ˁ +. -ˁ 06ˁ 04 8ˁ
.*4.0ˁ ,+<+8ˁ 4 9* .8ˁ 06ˁ .+41 6. (ˁ ? * 0.ˁ , .+ .ˁ :0 06+ ˁ 7<+ . -ˁ *#4+2 +*ˁ ˁ
0:1, . ˁ *1*ˁ 51 0ˁ ,1760*402.6ˁ + -ˁ 06ˁ *60 ˁ018ˁ 40ˁ (4" .0ˁ 0, ,"0 . 6 , .ˁ<+ ˁ
4 4 1*0ˁ *ˁ 3+.ˁ - .9*+ -ˁ +41 6.6ˁ 51*6 , .0ˁ 5 .0<+4 , + -ˁ .ˁ 09 8ˁ - * 6 8ˁ
0 ˁ,1*3+0 02.6) ˁ *. -ˁ 4 5"1* .ˁ) 2. *ˁ " ˁ 3 14ˁ 1260*402.6+ ˁ 5 .060 3+. *ˁ
3+14ˁ .4ˁ 190 + -ˁ (4" .0ˁ 06ˁ ." .2 .0ˁ ,1 - R0 - ˁ 06ˁ (- 1*0 -ˁ 0<5 8ˁ " + -ˁ .+6ˁ
."60 + -ˁ 190 ˁ 70 040 - ? 6. *6+ -ˁ 0/60*4.6+ ˁ - 0 61ˁ + 504+ -ˁ 0 0ˁ :0" 0/ˁ "1, 1ˁ
06ˁ 4 0ˁ *ˁ01ˁ 551 6 8ˁ *. -ˁ ˁ(."0 *ˁ 4ˁ .4+ -ˁ 4 0ˁ . * *1ˁ 7 6ˁ ˁ 3+1ˁ 60 - B
51 0ˁ) 2. *+8ˁ ˁ ". 1 - 1*6. *1ˁ ,170 " 1ˁ *ˁ J . *, .ˁ ,0"02 .61ˁ *60 + 6 ˁ 02+8ˁ .4ˁ
70" + -ˁ . ,6+ -ˁ *0,0"%. 8ˁ 6161ˁ ""1ˁ . * *1ˁ *6076+8ˁ 06ˁ 0<+8ˁ - 0*6 1* -ˁ .2ˁ 71 - *0ˁ
*1:1ˁ *+"" +8ˁ .+41 R.6 8ˁ . ,ˁ *1 - * 8ˁ 5 - + -ˁ J.4. *" %71 - .ˁ J.C0""1 ˁ 3+ ˁ 4ˁ .2ˁ
." 1ˁ 0 561 0ˁ 7. *4ˁ - .<1 8ˁ 40ˁA1ˁ +, .ˁ 20 1ˁ (,+"1ˁ 7. + 0 6ˁ .ˁ J06 3ˁ R*.ˁ ˁ
,7 0 .6 ,1ˁ 4 3+ 40 -ˁ <+ 8ˁ 6 2+6+ -ˁ LJ0 4 * .*41ˁ .91* 1ˁ 4" . 6 *1ˁ 60 -ˁ
.93 .0

(%   )   ʿ   ʿ

.91* .,ʿ 09 ʿ 3+ʿ . .-ʿ (, " .0ʿ 09 .-ʿ *ʿ +/1 0-ʿ 4+/6ʿ *,ʿ 05 ,15ʿ *ʿ " ʿ
09 08ʿ .4 - * 6 18ʿ ,0* + 8ʿ ., 8ʿ)6ʿ 51 %0*6ʿ ;0 + -ʿ 5 : "09 + -ʿ ""+4ʿ - 1/ʿ .4ʿ 6+8 ʿ
6 +* ʿ 1 4 *+* ʿ 09* ʿ 51 6+".6.ʿ +2".6+ -ʿ + "0ʿ 6.3+0ʿ 5060 0ʿ +6ʿ ""+4ʿ 4+,.6+ ʿ
*ʿ (, " .ʿ .,ʿ 09*1ʿ 0.51"6.*1ʿ ,1* - "60 ʿ 1 - * .ʿ .4ʿ 5 .0 0 56+ *ʿ ,1*, " ʿ
% 40*6 * ?50 .9.*6+ ʿ 06ʿ0,,"0 . 6 ,.0ʿ<+ 4 4 1* +.?.+T6!N .8ʿ 0 6 6+.6+ ʿ 40 -ʿ
06ʿ5 1ʿ 04 1".*0 *""ʿ <+ 4 6 1*0ʿ 51 6+".6+ - ʿ 4ʿ 3+.0ʿ $7 " 55+8ʿ <+ .ʿ - .<1 6 -ʿ
+1 + - ʿ 3+.3ʿ *ʿ "" 8ʿ 09* 8ʿ .,ʿ 4 6 1* 2+8ʿ 0 +*6ʿ 6 ʿ 0.ʿ .,,050 ʿ 6.ʿ50 ʿ +48ʿ
- .9 6 .6+8 ʿ 7. 60*+8ʿ 0 :. "0ʿ ,060 + -ʿ .4ʿ 018ʿ 0 56+ + - ʿ 06ʿ ʿ 3+.0ʿ " *6ʿ !5 .,ʿ
<+/6.ʿ 51*6 , 8ʿ 40" 40 + -ʿ,1 9ʿ 51" *6ʿ .,ʿ 4020. /6ʿ 5 1ʿ 0.ʿ 3+.ʿ 5 + -ʿ06ʿ 040 - ʿ
.* 6. -ʿ ,1".6ʿ 12 0 :.*6 . ʿ 4ʿ :0 1ʿ 0ʿ 04+"1ʿ .4+ + - ʿ + - ʿ 71,ʿ . - 2 9+1ʿ 0ʿ
51* 1ʿ 4 - "+8ʿ "09.6+8ʿ 3+ʿ *40ʿ *ʿ + 6.* . -ʿ50 0/ 6ʿ +2ʿ5. ʿ .63+0ʿ .ʿ$7 " 551ʿ
5"0*41 0ʿ .,ʿ5 150* .0ʿ:1"+*6.6 8ʿ 9* ,.6 1*0ʿ .,,05?6+8ʿ0 6ʿ :0 + -ʿ. 6 1ʿ40ʿ 104, 0ʿ
. X ʿ0&.""6ʿ? + - ʿ6. - 0*ʿ +A 6.*+8ʿ - " 6 .0ʿ 6.6 -ʿ *1 - 0*ʿ 404 06ʿ 04ʿ 4+2 .0ʿ
L40" 20 .6 1* 8ʿ 0 "0ʿ 4 ,0 06ʿ 34.I5. 60ʿ 5 0ʿ 20""+ -ʿ90 0 06*ʿ *. -ʿ 0ʿ,1 - - 14 - + -ʿ
ʿ.,ʿ 6+4+1" " - + - ʿ0/ 6 - . 0ʿ +6ʿ .ʿ - . # ;67 .01ʿ %+ ,18ʿ .99 04 .6+ ʿ? ,ʿ0* -ʿ
1 0ʿ +6ʿ 71" 08ʿ 0" 60 0ʿ :0" *6ʿ : 0 8ʿ 5.8ʿ 4 6 .70 0ʿ ,19.*6+ ʿ 3+.0ʿ 08ʿ " + -ʿ
7 20, "" 1 0 -ʿ 1040 .6 8ʿ155 - 0*4+ -ʿ5 .02 6+ .ʿ 6ʿ ʿ .+6ʿ ʿ0. *ʿ5".9. -ʿ*+4. -ʿ06ʿ
.50 6. -ʿ + 6.*1 ;*ʿ. - 8ʿ 0" *3+.6ʿ - .9*18ʿ *ʿ 8ʿ 09 1* 2+8ʿ5 19 0"%+8ʿ .0 + - - 0ʿ
ʿ 0 5+2" ,.0ʿ 7 6 .*.0ʿ .6 "0 8ʿ ., .*6ʿ %+ *ʿ.ʿ "09.61ʿ 40ʿ - .6 - 1* 1ʿ " . 9. 6.0ʿ
09 8ʿ E."" .0ʿ 1 1 8ʿ - 0*6 1ʿ *<0 6. ʿ *+"". -ʿ 0 -ʿ " + -ʿ 51*6 ,ʿ 9 .6 1 0 -ʿ 71,ʿ
60 - 51 0ʿ .,0 0ʿ 1 "0ʿ4 4 6.*60ʿ *0,ʿ 76 6 .*1ʿ 1 2ʿ .+6ʿ 09*1ʿ .0515+" 8ʿ + 8ʿ 3+ʿ
5 + -ʿ 4 +6 +8ʿ ,10" 20 -ʿ 0 0ʿ *1*ʿ 51" 0*6ʿ +6 " 1 0 - ʿ 013+0ʿ 4ʿ 0* 9+Nʿ ,6 50 0ʿ
51*6 ,0 - ʿ +6ʿ 9. 6.ʿ .2ʿ 0* ,1ʿ .:. .0ʿ 5 *450ʿ 04. 1 + -ʿ *ʿ E."" .ʿ
.+61 ʿ ,+ ʿ 0. *ʿ 40 6 *.6. -ʿ 0 .6ʿ 0/ʿ0.ʿ 1,. 1*0ʿ .2 6 .7.6+ ʿ 09 60ʿ<. -ʿ400. 0ʿ
50 ʿ *61* + -ʿ . . -ʿ7#(.": .6+ -ʿ 1 .61 0 -ʿ ++ -ʿ .5+4ʿ 090 - ʿ *0,ʿ 5 1,0" " 0ʿ
7. "0*+8ʿ ,1* " .<ʿ 04ʿ 50 . 0ʿ +6ʿ ʿ 5 0ʿ .* - + -ʿ .440 (6ʿ 08ʿ 156.6+ -ʿ +6 3+0ʿ
0/ 6+* ʿ 7.20 06ʿ E .6 8ʿ .4 8ʿ + 6.*+8ʿ +2<0, 6ʿ ʿ 40ʿ - .6 - 1* 1ʿ ,1*:0* 06ʿ
*+"". -ʿ 0ʿ ." . -ʿ .ʿ 090ʿ 4160 -ʿ 51 6+". 0 ?ʿ3+. -ʿ+6ʿ .2ʿ . - , 6 .ʿ%+ ,1 + -ʿ 4 004.6 ?ʿ
06ʿ. - .ʿ,1*66.ʿ,1 - - +*0 -ʿ 71 60 -ʿ ,1*<+*9.6

& ʿ (ʿ+ ʿ 4ʿ 60 - 5+8U "0/.*4 *+8ʿ ".06+ .ʿ: 41 .0ʿ .4ʿ2ʿ ,7*. 4.8ʿ 5. 6.0ʿ*+
ʿ, + -ʿ .,,05 6ʿ .,ʿ - +"ʿ " 60 .8ʿ .4ʿ2. 2. 18ʿ 0908ʿ .ʿ51*6 ,0ʿ 0 56.8ʿ 3+.8ʿU + 6.*1ʿ
.4ʿ 018ʿ 50 0 0*4.8ʿ4. 06ʿ 60 8ʿ "" 8ʿ .4ʿ ʿ(,7.0+ *ʿ%0, - . "0 -ʿ$0 . + -ʿ 090 -
?06.48ʿ (0 57+ -ʿ +6.7. ʿ .2 .0ʿ 0" , 8ʿ5 *, 50 -ʿ / : ʿ 06ʿ /:ʿ S."ʿ 0, M 0 56 8ʿ
5176 0/ʿ ""18ʿ ,". - .0ʿ : 41 .0ʿ ,0 6 2 08ʿ ., 02.6ʿ .4471ʿ 405 0" . + -ʿ *.: + -ʿ
,.0 1 + - ? ʿ,.< 6 :1 + -ʿ*+ - 0 1ʿ ʿ 71 6.2.6+ 3+0ʿ *0ʿ 6.*6.0ʿ 1,,. 1*ʿ 4 : * 6+8ʿ 1" ʿ
".6.0ʿ 06ʿ 3+.ʿ *+"".ʿ - .<1ʿ +*3+. ʿ4. ʿ51" 06ʿ *41 - 0*6ʿ 04ʿ. - 8ʿ .,ʿ ,1+ " 8ʿ
,+ -ʿ 7 6 .* (ʿ5 *, 5 2+8ʿ ,3*<+*4 8ʿ .4ʿ 42 - - - 0 -ʿ 1 2 8ʿ "0 .* -ʿ 50 60 -ʿ0/ ʿ
6 *9+0*4. -ʿ ,1* + 90 0*6ʿ *0,ʿ 3+14ʿ 7 6 6*ʿ .ʿ "090ʿ +.ʿ ." 0*ʿ 0" 0*6ʿ 401.ʿ
1040 0ʿ ,+ -ʿ 5 8ʿ *0+741ʿ .271 0 0*6ʿ ʿ *03+0ʿ 0* -ʿ 4020 0ʿ ""18ʿ 71 - *08ʿ +""18ʿ
.+6ʿ .* - 8ʿ .+6ʿ 60 . + -ʿ 5.6 1ʿ 4 8ʿ<+*418ʿ 5+6. 0ʿ 3+18ʿ 0.40 -ʿ .+ .ʿ 0.40 - 3+0ʿ
0,0 6.8ʿ ,1<+*9.6ʿ *ʿ 0.*40 -ʿ 0*60*6 . -ʿ .4ʿ 0**. -ʿ 067 15 .0ʿ 090 -ʿH 8ʿ
7 6 .* 8ʿ .44 4+ .ʿ 04ʿ 4 :0 . -ʿ 6 2+8ʿ 06ʿ 414 *.ʿ." 3+.*6+ -ʿ 0" 9 1*0 -ʿ5 1ʿ
60*60 -ʿ 0 5 6ʿ *ʿ, +40" 6.60 -ʿ - - .* 8ʿ 71 6 8ʿ - +"6 8ʿ I:0 2 8ʿ *:04+8ʿ 3+ʿ .4?
:. 6. -ʿ ,+5 4 6.60 -ʿ 06 . -ʿ 50 4 .*<ʿ .440 06ʿ &0*06 3+0ʿ 5., 8ʿ .,ʿ 1040 8ʿ 3+1ʿ
40: *4+8ʿ 0 .6ʿ 40ʿ .2 +56.ʿ <+ "3+0ʿ <+ .*4ʿ 5 06.ʿ 0" 9 1*0ʿ 3+. -ʿ &0*06 *+"".ʿ
*ʿ 0ʿ : 1". "0*6ʿ *<+ 6.ʿ06ʿ - 5 .ʿ. - .ʿ *6+", 6ʿ .,ʿ ;5 ʿ51 "0 1*0ʿ*0 . 1ʿ , 8"0 0
51" .:0*6

..ʿ 05; 0$ʿ 2 2 $ 2 , #$ 2ʿ ! ʿ- & ! !ʿ22 ʿ 2 6 ʿ 7 # ʿ
; # $ I / /. ")$ #@ ʿ # / 2ʿ ! ʿ-ʿ1 " !ʿ ʿ
ʿ (. ʿ * ?ʿ ʿ L

" (" " 'I 54" .:0 6' *40' "0/.*4 *+8' ,+6'<+ "+8'0 .6' .4'$7 " 55+*' 0:1".6'40: 41 .
' 6.*6.'9 .6+".6+ +8' 06' ,+ - ' 01' .9 6' 40' 0' 3+. - ' 51*6 0/' 51""' 5. 6. - ' : 41 . - '
2' :,* "%0' *' - 0*60 - ' 4 ,02.6<' *+"". ' *' 0' *++,' 3+ 40 - ' +6 " + ".21 . ' 51 "0'
3+. - ' +6' %+ 4' 71 - * 2+8' 0 + - ' *.:." + - ' 50 6 8'6. 0.* ' 3+1 + - ' 5,*+ .' ,+ - '
%0 - 50 ' .5+4' ""18' + - - .')0 6' 6+ *' :0 1' *5 .0 0*6 . + - ' ,+ - ' 1 "*0 8' 3+1 '
+ - ' *' 0' - . 6 - .' " 1 - 0*' 5.+"1' ". +8' 0 .6' 71,' 6 "6 - 1' 5 10" 1' . - 0 *6' :0 '
+ - ' +50 0 0') "+C." - ' 3+0 *' .'%+ , 8' .2 6 .70 0'$7 " 55+8' *90*6 + - ' 5 .0 - 4 + - '
71 - * ' . - 2 6 1*0 . 40*6' 50' .4.' .63+0' 15 - .' ." 3+.' *' "5.* 4 .+6' 6." .'?5 1'
*, 8' 4 6 1*0' .4') "+ - ' 40".6.' 51"" 6' 1* " + - ' .+60 - ' 0 "0' 0 04+ 3+ 40 - ' 4+ '
2 + - ' 6' +4)' *' 1 - *0 8'0/ 6+8' ,0 64' :0' 0* - ' 50 , .6+ ' - .9*+ - ' *40' 150 .0'
5 06 + - 03+ ' ' :0' 6+ - ' , .4.6' 06' 0, ,6+ - ' 0 - .*06' 2.+4' "0:0' "+, + - ' ""+4'
L0 0' 71 - *0 - ' ,+<+8' +* +8' 1 6 6+4 * ' .,' 1"0 6 .0' 08' %+ , ,.' 714 0' ** 6.6+ '
+ 504+ - ' (0" - 1' 044 4 "03+ ' : '0/.+41 .6+ - ' .' 0' .2 9.6 ' 150 .3+0' 0' *0,0 '
. ' .401' - * 6 ' 5 + - ' <51" 06' :4' +55" , + - ' 40' 01' 6.*3+. - ' 5 14 61 0' + - .6'
3+.' *' 0' *+) 1' 0' 5 .,+"1' 5 18' 5 *, 508' 12" 9. 0' 3++ - ' . 6+' .4+ - ' 6' +6' 50 '
4+8' 7 6 .*.0' 0" 9 1* 8' 40 0 61' 3+.: 8' .6 1*0' 65"".6+ ' ' .+4.6.' 51*6 , 8'
1"0 6' 5 +40*6 .' $7 " 55+8' 50 ' 0' - * - 0' 6.6+ + - ' 0 51*4 6' 3+ *' .*41' 5 +8'
40 40 1' .6 8 .6' 6' 6.' + +8' 71*1 ,0' 4 - "+8' "0/.*4 *+8' *' E."" . - ' 0/ '
0+*60' .**1' :0* 6' + - ' "0/.*4 *+8' *' 5.* .' 0 "06' A1 ' J .*, ,+8' 1 - '
I - 0*41*+8' ,. 4 *." 8' * ' E0 - .* . - ' .' 51*6 ,0' - +8' <. - ' .*60' 5+9*. - ' - 0* ,'
412 ' *' .0 . 8' 09 . - ' 50 :0*0 .6' 06' 3+.' 0 .6' 4 ,0*4' .,+"6.60' 5 .04 6 8 ' 9 .: '
1 .6 1*0' .4' : 0 8' ,+ - ' 1040 .6 8' 5 *, 5 2+8' 1, .*4.8' 71 6.6 ' 0 .6' ' :0* %,'
60 - 5+8' 4 4 6. 8' 3+1' 6060 - +8' 6; .**+8' 1 - * 3+0 4 : * ' 06' 7+ - .* ' <+ 8' 5 .0 '
.41 ' *<+ 6.' . - .' &0*06 8' * 0 0*41' 1 - * + - ' 7 6 .*1 + - ' 5 *, 5 - ' X 6' ." 2 '
. - ' * +50 ' 3+1 + - ' 09* 8' *7 06' : 0 8' 06' 14 + - ' 4' 0' ,1*, 6.:0 6' 7+*,' 0/'
&0*061 +* ' ,. 2+8' 3+.*3+. - ' 50 .,42 8' .,' 0' 7 6 .*.0' "+4+1 8' +4+ - ' .2'
1 - * 2+8' 50 . ' +6' 5 58' 7 .40*+8' ,+ - ' %+ ,1' ,1"" 9.608' .6 1, " - .' 7.0,' .40 - 56.0'
;5 "' 6161' 04<60 .*01' - . ' 15+"0*6 " - .0' *<7 .' .2' ""1' <+/6.' 5+40*41' .,'
4. - *1 1' 1040 0' .:+" 18' ,+ - ' ,1 - -) * ' 7 6 .*1 + - ' ,.+".' ,3*<+*9.6' ' *0,'
- *+8' ., ' 616<4. - *1 + - 069 .: " - .0 *<+ .0' 0* ' :. 6.6 8' 06' . - " 8$.**1* 8'
L6.*9 ' 4020 0' ,3+0' .5+4' 0' 05+6. 0' %+ ,1 + - ' : 0 8' 20""1' - . 6 - 1' 3+ 40 - '
. , ' 04' *1*' 5".*0' ,1* , 51" 0' *. - ' 3+. - : 8' *.:." 2+8' 15 2+8' : *,.*6+
12+ 6+ - ' %0 - 50 ' 06' 0 1, 1 0 *' 0"+ 04+ + - ' 9*1 - * .' 06' ' .* - 18' ,/.,0 '
2.*60' 41*00' 60 0 6 2+8': 2+8' 5 1 6 .6+8' <.,0.6' 7+*,' 71*1 0 - ' .' 4 : *.' 20* 9* '
6.60' 90*6' + 6 .0' 0 0 :.6+ - ' ,+<+8' .6."0' : 6+60' 508' 6' +6%+ , ' .2 ." 8' +50 '
.6' 1 - * *1' <+9+"076+ ' *' 0. *' 0 - ' ,+ - ' - +"6.' .,' + - - .' 4 / "%06' 1 - - 0*41*6 8'
- 1* 6.' 51*6 , 8' *90 0*8' 06' $7 " 55' .6 8' 0/0 - 5"+ - ' +2 *40' 05060*8' .4:0 +8'
0.' 2.+4' .*0' ".06.' . 6' .0 . 8' 1 .6 1' ' 3+ ' ,1*6 .?5 .0 .6+8' .0 + - *.8' +.8' 06' . " '
4+.8' ,".408' .,' 1" 6+4 *08' 6+ *' .+60 - ' - - *0*6 .' 50 ,+".' *0,0 6.60 - 3+0 "" 8'
0' ." 3+.*41' 0 5 0*4 ' *+"" +8' 0' .4' 4' - 1*R 8' 09 0' 0"51*4 6' <' *0,' ., "0' ,1 - '
- + - ' +6' 60 - 0 0' 0' 6. *' 50 * , 1 1' 20""1' - 5" ,. 06' 4+ . 0' .474 ,' 2 0** + - '
*4+, .8' 3+ 2+8' : 1".*4 8' 3+. - ' 6.*40 - ' <+ 6. - ' ,.+ . - ' 5 .060/ ' 51 "0' ' *03+0'
:0 1' $7 " 55 ' 6.6 8' 0' . 41 ' .,' 5 06.6' ,040 0' 04' 4 :0 . - ' 0 "0' 50 ,+"1 + - '
+6 + 3+0' .6 1*0 - ' ,+ ' 0* - ' *1*' .55. 0 0' .2' .4:0 1' 0:0*6+ ' *+""+ - ' .+6' 50 '
0/ 9++ - ' 4. - *+ - ' $7 " 551' 5*90' 51 61' 1 0' Ñ .6' 0' 1 - * 2+8' + 8' 0/+0*4+ - ' .9'
09*1' 5 1' 06' - 50 1' 0:0 60*4+ - ' ' * - 28' 9 6+ ' ,060 5 +* \' 5 *, 5+ - ' 5 +8'
6 *6.*418k .,' $1"1* ' *5 - 8' .4' +0 - ' 5 0' 3+13+0' "09.6+R ' - "+ +8' 6
"+*6.60 -

. ' ' ' ' .3 ')5' 20' C2'><3=')' X' C2!9' +3=' ! 39 21+3B3' ?"023=')5' ' ' +C23 +)Q'>' 31&#'
21' (3H" >=' 29 8 $ $ $

' - '))' A

;1" - 6.60 - ' 0/3+ 0*4. -'<?3+.' ,19*R.' (' , .6 +8' 06' 0/5"1 .6 +8' ,1* 6" + - ' 02+8' < '
8' , .56+ + - ' %+ *M 1 - - ,*41*+8' +6 + - 3+0' *1*' 2"+ .' .' 0* +' ,1 - - +*') 'A '
.271 <60 0 ' 04' 06' ."60 + - ' +50 6 6 1 +3 ' ."60 + - '5 .051 60 + - '4 ,0 0' ' *. - ' 1 - '
*0 - ' <+ 8<+ .*4 ' .,' 40' - 0*6 1*0 - ' *056. - '06'. "0 - ' 1* * *1' 0 0' .4:0 +8' 71'
* *0 - ' ,^' * 7 " 0" 9 1 + - ' 06' .*4+ - ' 6' ' '3+' .' 1040 2+8' : 1".*4 8' *+"a
[4 : *' + - * 8 '60 67 * 06+'I*+ .:0' 71 - *+ - ' :060,+*4 .' ,17 20.6+ ' ' 3+' :0'
V7.8' 5 .8' *4+, .8' 3+.0' .0 . ' 0" 9 1 0 *' *< , .*6' *,+ 4* 2+8' 5 .04 8' 71'
- * - ' 06'." . + - ' 0 + *' 0 4 8' . , 2+8' ,1*6 .'5.4.'0/, 6.*4 8' 3+16 4 0' .*9.*'
' %.*4 0 - '01' .4. .+8' .0 . ' + ' 0' *' ,.+ . - ' 40 ,0* + + - ' 5 1* 660 06' * 143'
: 2+8' .4' 6.*6+ - ' 20""+ - ' 41*0 8' <+:. 06+ ' 3+.8' 6.*40 - ' ""0' V' ,14 , ""1' 04 6' '
3+0 *' .4?51*6 ,0 - < "" ,1' - + - ' 2040 .6'2.+4' 06) 6.*60'. , , 5 +*6' "09.613 0'
4' 51*6 0/' 50' " 60 .8' .4+6+ - ' 9* , .6' " - 7"3+0' - 50 .6' +6' 3+1* . - ' ,+ *'
.0 . 0' 6 .* .4+6*' 6' 0' :0 6 9 1' 0' *' '(. - .6 . - ' ,1* 0 .6 ' 4' :0 1' ""0.09 0'
.4*"14+ - ' 0, 6;' +6 .* 03+. - ' 104+8' ,+ - ' .0 . 0' 50 , 56+ - ' .,' .*, 6+ - ' 0 06<
.4' $1"1*+ - ' ., ,040 06' ' 3+ 550' 3+0 - ' *1*' 5 +8' .* - + - ' *+4.6+ + - ' 5 1: 40 06'
3+. - ' 40' :1"+*6.60'.,' ,5*.6 2+8' .0 . 8' 5"0* +8' 119*1: "06' *0,' . +8' 15 * 1*0'
+.' 1 - * *1' + 6' 1 - - 0*41*+8' . - ' 5 .0X0 3+. - ' 3+14' (9 *+*4+8' 0/' .0 '
. 8' ,1*7" 8' ,5 <" " + - ' 0' , .56+ + - ' 4 ,0 06' ,1*4 6 1*08' 4+ *.8' 5 151*02.6
)$ .0 . ' <+ '3+14' *' 1 - . ' 3+.0' <+ 8' J1"17 , ' 6' 62' 6 2*.6' - 50 '
*1 - *0' 0M*+*, 06' 43+0' ,1 - 6 1 + *' 40.061' .*, .6+ ' ' 08' .6 .0' 09 8' ,+ - '
*<50 1' ,1*6 1:0 .0'.+41 6.60' .0 . 0.(- 0*6+ '06'*.: 9.6 1' 50' - . 0' ."6 ,+ .'
*' '4 0'2 + - ' 60 .8' 5 17 20.6+ ' '\5 - +8' 20"" ' - 506+8' ? %.6. 18' 3+ %.+ , . - '
70 "2*0 + - ' * 40*6' :0 6.6 '< .4' 4' 50,+* .'3+.'$1"1* .' ,060 8' 02+8' .2+*4.*8'
R 4 90.6< 1040 .6 8' 5 *, 5 2+8' + - - * 6 06+ ' 1 .*+ - '06' . + - ' *' 5+" .'
3+.0 416 8' - .60 *.0' +*6' 2' 0 6 6+.*6+ ' 6' :04 9."UJ1" .*+ - ' *' 7+<+8' 20""'
* 8' 2' 15<@ 9*0 . 0' 06#4 6 .70 0' " 00.6' .,0' ;. 8' ."60 , .6 1* 2+8' .05 +8' .9 6.6.'
<0 J0,0 0' +6' 6.' +0 6' ,+ - ' $1"1*1' .4 1' ' 3+' ,+ - ' 2.+4' - +"61' 51"" .48' ,1 - '
"00 " "06' "09.61' - 50 .6+ - ' 0 6' *0' .*60' 71:+ - ' 090 - ' , 0.6+ - 0' (. - .6 .' 4 00?
40 0+' J .4 . 6. - 0*' 508' .2' "20 61' ' . 01' $.".6 *1' 71 - *0' :. 6' *90* ' 40'
/ , 1' 03+ 6+ - ' .,'616 40 - .' ,1".1' n%+ "1' ,1*4+,0*4 8' ,+ - ' 3+ 2+8' .4 .'
*151" - ' + 3+0' 0/,+ 0 0*6' 3+1' 341' +"9. 18' .4' 40 04 1*0 - ' <. - ' 50 .*60 8'
.4' +.X 5. 608' 50 6 .70 0*6' ' '*0,' h ."., " 1('.,' , . "28' 06 . - ' .4' 0/6 0 - + - ' $1*6'
L +/ *' " 6+8' 51 618 40 6+ 18' 51*402.6' 7. 06Z' 0' *60 5 18' . ,'"0*.6+ -
o0*06+ - ' - " 8' +"6 1' , 6 13+0' *+*, 8' *60 ; 0*6+51*6 , 4 + - ' - * " 1 + - '.4+ - '
0 6' ' 0 6 *.6+8' + 0 .6' 06' $1 6 ,+8' 51*6 , 8' 1 .61' .4' +"%1 + - ' 0+' 1 05 + - '
- 50 .61 0 - ' 3+' - ./ - 0' 03+ 6.6+' 51""04' 06' 0560*6 1*.<0 7' 5".9. - ' %+ , ,1'
- 50 1' *' 0/6 0 - .' + 15.' 0' .' , ,+ - 51 6. - ' ".60' 60*06' ,+ - ' - .*4.6 8' +6'
0+ - ' .4' 20""+ - ' ,+*' %+ ,1' ,1 - - +*' 71 60' 90XN0*4+ - ' *, 6. 06' 06' 3+1' 60 - 51 0'
.' ,060 8' 5 *, 5 2+8' 60 .I - . 3+0' 5060 06+ '0140 - ' 5 0' 50' + 15. - ' *A' 10 .*'
.,%7 ., . - ' 06' 50' . - ' *$1*6+ - '. d .55.41, . - ' 5. 6 61' 03+ 6.6+' : - ' .,0 ,6
(04' ,+ - ' .4' .7 - +*' 0:1,. 06' 5T*6 0/ ' 3+. - ' ." 0*+8' . 1 - .*. , , ,"0 .' 1 0+8'
0 "06' 06' 3+16 08' 06 . - ' - 8' "09.6 8' - - *0+60' .'$1"1* 8' 50 , /"1' 0+ - ' "+4 , .6+8'
5 1 - ". - ' I40 7' 09 06' $,+ 6 ,+ - 0:1, .: 6'
;)' " '%' ' ' ' ' *61* +8' E1"+ - *.<' 0" 41' ' 0 ".*.0' ' + 6 1' 3+' - 1/'
5 0.51" - ' :0* 6' ,+ - ' 5 150' 0 06' +6' 1 - . - ' *9 040 06+ ' 40" 20 .6+ - ' + 6'
.*' 0' 6 + - 57' 71*18' 40 0 06+ ' ' 06' 5".4+ 6' 0+ - ' 71*1 0 - ' + 6 1 ?' +6' + - - 1
<<= = < > 8 #
. ' ' +' ! ' ' ' Y' 5
%V $?' 2;)3 ! $' ' 2' '; ' 2)Y #)' . #) ' U 2 0 ! ' 2' $' A' ("$
)/5$' ."'; "$' 2 (" 3 $' ' 2' ! $')!' ! '=E- $
" 5 3)$5' -D' A' K D A - - ;

A ') E ' %)

' 1040 8 4+4' 0 0 - '' 04' 515+"1' 1 - . *1' .' 51*6 ,0' 50 - %+ - ' +6' *' 9 .6 . - '
6 ' ' *12 " " - ' , : 8 0 ' 156 - ,' 40' 05+2" , .' 7 6 . * .' .1' 0' - 0 6' .4' 51 6. - ' ? . '
50* . * ' 3+ .' + 20 - ' *9 0 %+ +8' 4 06' . ,+8' 4+1' 0 90 0*6+ ' ,+ - ' 71*1 , ' 5 +8'
0"19 1' *40' 50 l: . - ' 55 . - ' - .9* .' 51 - 5 .' (056 C1* + - ' (0:0 ' 5 .060 :07 6+ '
5 .0,040*60' , .56 :1 + - ' .9 - *0' ,+ - ' 51*6 , 8' * 9. 2+8' 06' .4' 1* 6. *6 * ' 06'
% 6 &0 5. " . * ' . ,' 40* 3+0' (056 - ' (0:0 ' . 8' 12: 28' * 1 56 1* 2+8' .4' 0 - '
. , ,1 - - 14 .6 8' 1 * .618' .5 61" + - ' .63+0' *40' ('$06 ' 2. " , . - ' 4' 9 .6 .8' 01'
.90*4 .8' :0* 6' 06' 51 60.' .4' 51*6 ,0 - ' .4 - " 8' 06' 5 1" / .' 20* :6 "0*6 .0' 9* 4'
, .6 1*0' .2' 5 1' 06' - 1/' .2' +* :0 1' , . 4 * ." + - ' ,1 "09 1' 5 1,0 2+8' 5 . , +" 2+8'
. ,' *12 " 6.60' 0" 3+ .? *' . - 5"0/+8' ,0 6.6 - ' /+0*60' 0/ ,056+8' $1 6 4 0' .4' U . . 6'
,10" ' 3+14' 0 .6' A1: 8' J4 06 ' 1" - ' 60 - 5"+ - ' *' .5 61" 1' +2' 15 - .' 6. *6 .0'
: 61 .0' 51" .' 06' * 9* .' 51*6 0/' .550*40' :1"+ 6' . , + - ' 0/3+ " 6 8' ,0 - 1* 8'
50 .4+6*' 0 6' 06' 51"" ' 0 - ' . , . - ' ' *6' + 06+8' *1 6 .8' : ' 0"43+0*6 " - +8'
1 .6 1*0 - ' 7.2+ 6 3+ .' 1"+ - * . - ' - 0*6 8' ". +4 2+8' 5 1 0, +6+8' 0 6' *60' , .56 :18'
+ 6' . .90. " 8' . - 1 "" - +8' 5 .6.' .7. - 06+8' +210.0' .*9 . , +8' 3+0 *' 5 10'
" + - ' 6. *' : . " 4 8' .6 1* 2+8' 4 "+. "0' 4 / - +8' *' . 6. - ' * 6 1' 40X*' " 20 1 0 - '
, + 614 . - ' ,1*<0 6+8' ' 3+0 - 3+0' 2 0** 1' 51"" 2 - .0' : 4 - +8' , + - ' 71 - 1' + .0' 0 ?'
" 9 1* ' 3+ .0' - . / - 0' .' 51 - 5 8' 06' , +"6+' 0/60 *1' 6. *3+ . - ' - 5 1' .271 < 06' + - '
- 150 0' .44 4+8' 0' 0*0 6 .' .04 + - ' 3+ 2+8' . 0 : .2.6+ ' 51*6 ,0 - ' 1"0 - * ' <5 '
5" , .6 1*+ - ' 5+2" , . + - ' 4 0' 6 5" , ' ,1 1* .' * 9*0 - ' 06' +2" - 0 - ' + , ,1"" . *6 2+8'
- * 6 8' 50 ' : ,18' * ,040*60 - ' ,+ - ' * 1" 61' 1,+" 8' + 8' , . 4 * . " + - ' . ,' . ,0 416+ - '
,1 - 6.6+' *1*' *0' 1, , +"6 .' 1 J0* 1*0' 3+ . - ' 06' . 04 .61' .4' "+4 2 + - ' +' 60 6. '
2.6 + ' *4 9* .2+*4+8' 504 . 06' $1*6 , ' 06' .' $7 " 551' 41* .6' +0 .*6' ." 8' " ' '
3+1 + - ' - *1 ' * .6+' : /' 5+208' 0 .51" ' .4' 0+ - ' - "%+8' 0 6' 06' *' D .+ 1"01' . '
4 .* ' 4 +' . "0 : .6+8' 40' ,060 1' 50 7+ - .*0' 7 .2 6+8' ."60 ' 3+ ' < . - ' / : ' .**18'
.66 90 .6' 6.04 1' . ,' - 06+' , . ,0 8' *' - 10 1 0 - ' *3 40*8' U. *603+ . - ' .44+ ,0 06+ '
12 6' ? ' ? '

' ' 7 82 ' 1 - .' 09 04 . - + ' 5 06 + - 4+ / ' 0 - ' *60 ' 616' - .9* .'
*0916 .' 01' .**1' *' + 20' - +"6+ - ' 12* 60*60' * 6 1' A1' =+* , .' $7 " 55' .61 0'
' ,1 61 1' + - - .' ,1*60*0 1*0' .9 6.6. - ' - * - 0' *4 4 . - ' 5 .060 - 66, 0' 4 ,'
' + - " .61 + - ' .6 + - ' 1 4 *0' .21"0*41' 1 - - ' 1 91' .2' .**1' , 1 , / / ,' 050'
6 6+ ' , + - ' 8' 04 1". *1' .' J 40 ,1' 70*12. 21' : . 6.61' 5", 3+0' 0 :08' .63+0'
.401' A* +2 08' *' - 0 . - ' , .56 : 6.60 - ' *' E0 - . * . - ' .24+4' 6 *6' 6. *' : '
3+ . - ' 10 - * .0' : /3+0' ." 3+16' .** 8' 51 6', 02 .8' 06' 7+ - "0 8' 405 0, .6 1*08' " 20 .6'
+*6' . , +"6R0' *' 5 .6 . - ' 040+*4' - 506 .6. ' *' ,+<+8' 0' - 0 - 1 . - ' + - " . '
61 '+ - ' 1 41' * 6 6+6+8' 06' .' + , 4' ' 51*6 ,0' - . / - 1' .45 12.6+8' +2' ' 0*04 4'
09+". ' ,+ ' ."2+8' :0 6 6+8' 3+ . ' +55" , 2+8' ,1* :0* 0*8' .66 2+6+8' 0 6' 8' 1 41' , + - '
4 : 6 8' .4 - 14+ - ', 0: "06' 5 .+" .6 - ' * .4 .' 4 , 5" * .' 06' - 1 08' ,1 + - 5 ' ,1050 0'
4+ - ' 21* 8' *' ,1 - - +*0' .2 + - 4 4 8' .4' 5 : .608' + +8' .2+6+*6+ ' *' . - 5" 6 - 8'
.04 2+8' + - 56+1 0' 0/6 +0*4 8' * ,1* : : 8' ,15 1 1' . - +" 6 1' 06 . " 8' 7+<+ - 14'
" 2 4 - - ' . - 0*6 8' ' +*40' 1"J0* 1* 8' 1, , . 1' 5"0 3+0' 5) 0202.6+ ' 06' 8'
- . / - 0' *' 6. " . ' 3+ ' < . - ' :1") *6.60' .' 1 - . * .0' 04 8' 12 03+ 1' 40 0 :0 .*6' .'
40 0. + .' .*60' 3+ .4 0** + - ' S. "' . ' $ +8' 5 0' 4 5"1 - .60' .41' *' 01 + - ' - 1 08'
06' ,1"". 5 . - ' 4 0 5" * . - ' - +"6 .' * :04+8' . 1"1' 1 1 - .01' , . 4 * . "0' 04 1". *0* '
. ,7 05 0151' 06' 0<+ 40 - ' 1 4 * 8' 40 0* 1 ' - .*4 . :0 .6' +6' <+ / 6.' 1 - +". - ' *' 01'
5 .0 0 56. - ' " , : 0*6 + - ' .6 + - ' ,1""09 .' 0 - 0*4. 06' (04' ."6 1 0l' .4 ,08' *60 '
058' " ,0*6 .' 090 .6' 3+ . - ' +6' :0 2 8' . ' - 15 6 8' "04 ' 06' .' 5 . ; .' ,1* +06+4 h' .4'
L' ? ' - 0" 1 0 -

< 5' " ' *# ! $ 2 # " ' $ 5 2 - ' l' % ! #$ l' M $ - ! #
2 ' 1 " # ')' ! ' < ' 2' K " / $ ' * l

(6) ˁ ˁ

-0" 1 0-ˁ +90-ˁ ""ˁ 04+,ˁ51 "0*6ˁ< 3+ˁ<+9+-ˁ.ˁ? 1 1-.01ˁ.*6 3..0ˁ4 ,"5 *.0ˁ ˁ
: 1ˁ -51 6+-ˁ50 6.0 ˁ*1*ˁ 1"+-ˁ 0/,+ 0 +*6ˁ 04ˁ *ˁ0+-ˁ6.*3+.-ˁ *0 6 ˁ ˁ ˁ
-+-ˁ 5 1 <-ˁ1 4 *ˁ71 60-ˁ ,1*<+ . +*6ˁ ,0 6ˁ516 +8ˁ ., *+8ˁ3+.*6+-: 8ˁ40ˁ
60 6.*4+-ˁ5.6 . 0ˁ3+.-ˁ6+ 50-ˁ06ˁ ".9 6 1 .-ˁ ,+ˁ *" 0:0 .*6ˁ : :0*4ˁ"20 ˁ
6.60-ˁ 40 0 0 0 ˁ +,0- . 61ˁ5 .02+6ˁ 0 1*;-+8ˁ 9*.*.ˁ(ˁ 7 61571 ˁ
&0 ,0""0* 8ˁ5 .051 6+8ˁ3+ˁ,1 +561ˁ50,+*.ˁ,ˁ 1*.64ˁ J. *.ˁ0<+ 40-ˁ ,1""09 ˁ
14." ˁ ,+-ˁ / 6 .ˁ40ˁJ.2 1ˁ (-1*06.ˁ1 4 * 8ˁ 4051 6. 4ˁ .5+4ˁ3+0 *ˁ*+--18ˁ
050 6+-6*ˁ 0ˁ, 0402.6ˁ ".3+01ˁ5 .0 1,.*41ˁ,1* "+-ˁ * %06ˁ .4ˁ 5 +-ˁ 1 1ˁ
-.0+-ˁ 40 <*04 1ˁ61""0*4+-ˁ .* -+-ˁ ,0"0 .6.ˁ .+4., .ˁ.4<0, 6ˁ 9 6+ˁ J. *.ˁ
,.56.6.ˁ"1,ˁ06ˁ 60-51 8ˁ 1551 6+* 6.60ˁ .ˁ,. 4 *."0-ˁ +2ˁ:0 50 .-ˁ40ˁ -1 0ˁ *ˁ
.,0""1ˁ5 0,08ˁ ,+-ˁ .-" .ˁ ., 0*60-ˁ ,"155066 -ˁ5 8ˁ1*0 .6+-ˁ4 5"14 6ˁ 04ˁ
9".*4 2+8ˁ5. 60-ˁ.4ˁ:0 60 8ˁ1 .*6 8ˁ 0".*9+0 ,0*6 2+8ˁ 5. 6 -ˁ4 : *.ˁ150ˁ4 ,+ 8ˁ
,6ˁ ."1ˁ 4 "0*6 2+8ˁ .":+-ˁ06ˁ *,1"+-0-ˁ **1,0*6 .ˁ +.ˁ: +-ˁ5 16,/ 6ˁ' 3+ˁ
3+.*6.ˁ5 .0 0*6 .ˁ .* .ˁ06ˁ ,1* 6.*6 .,. +-ˁ *ˁ5 .0 0*8ˁ6+"6 *.-ˁ1 .6 1*ˁ *ˁ
60*6+8ˁ : /ˁ ,.5+6ˁ,1 :0 60 0ˁ .+6ˁ1-* *1ˁ -1:0 ˁ: +8ˁ0 6ˁ6. *ˁ -.9*.ˁ 0;0 6.60ˁ
ˁ .4ˁ .+ 08ˁ 06ˁ50 ,+ "2 0 ˁ 51 60.ˁ . -.4:0 6 6ˁ .-ˁ *3+ 6 1*0ˁ7.2 6.ˁ
,+-ˁ + 5 , 1ˁ0 06ˁ .2ˁ ""+8ˁ1 4 8ˁ 14."2 9ˁ,1*<+ .6 1*0-ˁ .4.-ˁ,6ˁ 9*.*.ˁ
.,ˁJ. *.ˁ *ˁ . ,0-ˁ 0ˁ 0,05 "0*6ˁ <+ ˁ4040 0ˁ ""18ˁ5 .0 4. ˁ ,+-ˁ0ˁ * 6 1ˁ0/ˁ
,+ . "0*6ˁ -1/3+0ˁ5 1ˁ +55", 2+8ˁ *60 :0* "0*6ˁ * 7 " -6 9.6+8ˁ 5.*1 +-ˁ44ˁ
5 0, 1*0ˁ 1 1-.0+8ˁ+6ˁ, - * 8ˁ51 6+".618ˁ 4040 0*6ˁ 9 .:0-ˁ510*.-ˁ *60 ˁ
- *.6+8ˁ -50 .; 6 ?.,ˁ51 6 0-1ˁ ,+74.*60 8ˁ 4 8ˁ 40:1: 6ˁ G+1ˁ .41ˁ,1--16ˁ
.401ˁ +*6ˁ1-* +-ˁ *ˁ+ 20ˁ.* - ˁ +6ˁ 08ˁ 5.+"+-ˁ.ˁ 04 6 1*0ˁ .20 606ˁ *60 0.ˁ
J. *.ˁ7.2 6+ˁ4 -+".61ˁ4 ".:. +-ˁ$7 " 20 60ˁ(.2.+4ˁ155 4+-?.-.*4.6+8ˁ0 6ˁ
+2ˁ *60 ˁ5 .0"4 . 18ˁ -0 02.6ˁ G+1ˁ ,19* 61ˁ ,+-ˁ *ˁ01ˁ 0 "06ˁ 1 1-.0+8ˁ +6ˁ
,1*6 .ˁ(.2.+4+-ˁ5 +-ˁ5. ˁ 0:0 6.60ˁ+60 06+ ˁ6.*40-ˁ404 6ˁ "" ˁ"04ˁ.+41 6.6,ˁ
09 .ˁ-0 61ˁ +55", 1\. 04ˁ +*6ˁ 0,ˁ -+"61ˁ51 6ˁ +6ˁ4060 6.*4ˁ .4ˁ * .- .*ˁ
40"0 06ˁ51*6 0/ˁ +*1ˁ06ˁ ."60 1ˁ 4 5"1-.60ˁ : ˁ06ˁ : ˁ 4ˁJ02ˁ 71,ˁ .**1ˁ .41ˁ
14." 6 +-ˁ 5 +-ˁ 1-* *1?0/6 */ 6ˁ06ˁ .21"0: 6ˁ 06ˁ .6 08ˁ5 1 0 "28ˁ *ˁ "1, 8ˁ0 8ˁ
. "9*.*4 8ˁ 09+". 0-ˁ : 6.-ˁ4+,0 0ˁ .+6ˁ .4ˁ5. .ˁ:0" 6 4 1 8ˁ1 4 * 8ˁ 14." 6 .ˁ
6 .* 0ˁ5 .0,05 6ˁ' 43+0ˁ ."1ˁ4 5"1-.60ˁ/ : ˁS."ˁ G+ *6 "0ˁ ,1* -.: 6ˁ51 04.ˁ
1* ., ˁ: ˁ,1* 6 6+6 1*0ˁ06 .-ˁ.4ˁ018ˁ3+ˁ40ˁ * 4 8ˁ ,1*6 .ˁ,. 4 *.R 8ˁ * 6 8ˁ
." 3+ 4ˁ,19*1: "%0*6ˁ *03+0ˁ0.8ˁ3+1ˁ: 8 0"504+ˁ .+6ˁ -06+ˁ 06. 4.6ˁ 0:0". 0*6
9ˁ " ˁ *18ˁ 6.6 -ˁ *0+*60ˁA.*+. 1ˁ 6+ +8ˁU 1 ".0+8ˁ03+ 6+-ˁ6 26-+8ˁ
06ˁ$7 " 55+8ˁ ˁE+ .0+8ˁ$ 160 +8ˁ" 20""1 +-ˁ +55", +-ˁ - 60 ˁ8ˁU +50"". -ˁ:0ˁ
*0 0ˁ +6ˁ$ 160 6.*6 +-ˁ3+0 0".8ˁ 40ˁ3+ 2+8ˁ.4ˁ 090-ˁ50 ".6+-ˁ0 .6ˁ .+4 0*6ˁ06ˁ
ˁ40ˁ12 0+ 8ˁ.+6ˁ.-2 9+ 8ˁ04 4ˁ5., ,.61 ˁ ,.5 6 2+8ˁ *ˁ,1--+*0ˁ,5* +"0 0*6ˁ06ˁ
.4ˁ 0-ˁ 0 0 0*6ˁ 2ˁ12 60 ˁ*ˁ1,,+"61ˁ.4+-ˁ40ˁ-.6 -1* 1ˁ *60 ˁ . 9. 6.-ˁ
09 8ˁ 1 1 0 6ˁ06ˁ 0* ,+-ˁ .:. .0ˁ5 *, 50-ˁ,1*6 .70*41ˁ06ˁ3+1ˁ -.9 8ˁ ." ˁ
:.-ˁ 1" * 1 ˁ 3+ˁ ,1""13+ 1ˁ *60 0 .6ˁ -1:0 0*6ˁ3+0 *ˁ.ˁ20""1ˁ, ; " ˁ.271 0 0ˁ
66ˁ 5.*6 7ˁ.55060 0ˁ 0 02.*6ˁ40ˁ .+ 61*0*"8ˁ 0 +8ˁ * 0"9 1ˁ.4<+:.*4 8ˁ *<04.ˁ
-0*6 1? $1 6ˁ0/,+E%.ˁ40-+-ˁ:. 8ˁ4 5+6.6 1* 2+8ˁ,1*6 1:0 .ˁ04 4ˁ,.5 6.ˁ,+-ˁ
40ˁ)8ˁ ˁ 1 ".0+8ˁ 0ˁ 0".6+ +-ˁ 4 / "06ˁ$ 160 6.*608ˁ 40ˁ1204 0*6 .ˁ +.ˁ *ˁ 090*ˁ
7+"6.ˁ5 .0 .6ˁ06ˁ50 504.ˁ5 +8ˁ09 09 .ˁ0 9.ˁ0ˁ:1"+*6.60ˁ*1*ˁ51 "0ˁ0ˁ*1*ˁ * 3+1ˁ
.* -1ˁ 0-0ˁ4 ,+*6ˁ +6ˁ3+ˁ 6+-+"6 2+8ˁ ,.+ .-ˁ5 .02+0 *6ˁ06ˁ7.40*+8ˁ 090-ˁ
5+0 +-ˁ *ˁ5160 6.60ˁ7.20*608ˁ ." 8ˁ5 .0<+4 , 8ˁ5 .01,,+5.61ˁ0<+8ˁ.* -1ˁ 5 +-ˁ.4
? . - .

I-ˁ0 ˁ ˁ ˁ ˁ ˁ #%2+(2=3B9 2G3 "1ˁ 8$+ˁ i ˁ>ˁ ˁ !+("329 ">=3B31ˁ+3=3(")2+21ˁ ˁ+ˁP5><
% $ ˁ#% ˁ ˁ5 ˁ 2 ˁ ˁ> ˁ :ˁ8 *6 $ˁ :* ' ˁ
, ˁ ˁ ˁ4 ˁ 8 ˁ" .'
ˁ ˁ

' . - .' ,1*6 .' +18' + - 0*4.' - 5+"0 *6' .,' :0 +8' ,1090 *6' *+*,' *' .+".' 0 +*'
+ ' ' 516 .*6+ '< 3+' ,+ - ' ,1 - 51 6 8' 50 ' 5. ,0 - ' 20"" 8' 3+14' . - ' 06' .50 6.' : ' . - 5" +8'
1' 51 " *6' $ 160 6 - 60 8' ,."+ - * 8' * ,0 "0 0' *1*' 40 *.*6' 06' 6.61' 0 - 50 '
U' 5 *, 5 8' .* - 1' .,' ,1*, 6.6.' 7 8' . 6 2+8' 5"020' + +8' *1:. - ' 15 6 8' 63 - +"6 2+8'
- .60 . - ' 3+.0 .*6' 6.3+0' 3+.*3+. - ' * : 618' 6. - 0.' ,1.418' .,0 ' 3+1' 0' *, '
,0 6.60' 0/6 0 - .' - 5+" 18' +"6 - 8' 20"" 8' . - .' ,05 0' 06' 09' 06' 1 - * 2+8' .03+ 8'
0 + - ' .0 6 - .61 2+8' 5 120*6' +6' 5 .060 61 - - ' - 0 - 1 . - ' 3+. - ' 0 - 5 60 *.'
." 13+' 12" : 1*0' 05+"6. - ' ,+5 .*6' .4' + 6. - ' ,.+ .0' +.0' 40 0* 1*0 - ' 0*1:0*6'
9R+ ' 1 .6+ - ' 090 - ' : 0""0 ' +6' .5+4' 0' 50 50*4.6' 3+ 4' D . 1*0*" ' ,1""13+ 1' ,+*6'
J0 4 *.*41' ": . 12 1"06.*1' "2.0' 4+,0' 06' 51*" , 8' 1 .61 2+8' .4+*' 6' 4'
.+60 - ' .4+ - ' 0"%0' +6' 0140 - ' 60 - 51 0' $7 " 55+8' - "" 8' 0/' 5.* .' ,15 8' *' 0"9 1'
06' ,1*<+ .6' 3+ 06 8' 5+2" , .0' 71" 08' *' E."" .' $6160 6.*60 8' * 7 "' 6 ."0' ,19 6.*60 8'
155 - 0 0* 0.' 40' ,.+ .' : ' , 1' 0": 06 1 + - ' 01* , 56.' 0" 0' *' 50, 0 .' 6+*, '
+6' " - 6 < 4+ - ' AA .*+8' 3+ ' ,+ - ' 0/0 , 6+' * 0"9 - *40 ,0*402.6' 50 6 .*" "06'
- .*41' .,' 6+1 41' * 0 : 0*6' 0' : 0 .' +6' "2.* ' 3+' 5 0' ,1* , 20*41 +*6'
.+41' +0 .6' ,1 " .' .4<+: . 0*68' 3+14' 0/' 0 : 6+' ,1* 6 60 6' * ' 0' 3+ 40 - '
' "2. ' .4:0*6+ - ' ,1* , 56' 0 .*6' 01' <. - ' *' 0"9 + - ' ,+ - ' 6161' 0/0 , 6+' 5 1'
041' 3+ 4' .+/ " . 2+8' ,15 8' . 02.*6' 09' 6. - ' 9 .*4' ., 0' 12" 9.61' 15+8' 0 .6X
.+6' ' 0.8' 06 *0 ' 0,+ 6.6 8' 09*' *60 0 .6' ,+ ' *1*' 516 38' 50 ' " - 60 - ' 4 6 2+0'
2.*6+ ' 06' *1*' 2 . 6 + - ' %70141 , ' + 3+0' 5 19 04' <+"%.0' 710' 0 6' *6 .' 09*'
: ,0 .' .,,056.0' +*6A' *40' 0* - ' *0,0 6.60 - ' $ 160 6.*6 2+8' - 51 66. - .4' . - '
+ - ' +2" 4 + - ' ,1* +9 0*4 ' ' 06' 1 6+ - ' 20""+ - ' 3+14' ,+ - ' 6.6 - ' , +0*61' .4 - 14+ - '
5 10" 1' 3+.4' 4 0 - 56+ - ' 0"%06' ,+ ' + +8' 5./' .4' D 1*90 - 0""+ - ' .4.' 0140 - ' .**1'
4060 6.*4.' ,1*<+ .61 + - ' .4 1*0' : 1".6.' 0 6 N ,+ ' 6 - 4 8' .' ,. 4 *." ' 16. *95'
* 64 8' 1*4.0+8' 5 0' 06' 1" * +8' .4' ' +,06+ - ' 3+1' 3+ 06+ ' ,1*,, 60 .*6' 5.0*1'
155 0 " ' +*6N' ,+ ' 41' .2' 05 61" 8' .4' 090 - ' ,+ - ' " 60 8' - "2 ' 3+ 2+8' 40' *<+ .'
2 ' .,' 6 8' .2' * - , 8' .4.' ,1*3+0 02.6+ ' * .*+8' *<04.0' +*6' N ,+ ' ,+ *' 1+ '
4.0+8' +,06+ - ' 5 1 +9 0*8' 8' 1*.4. - ' .4' 90 - ' ,+ - 61" * 1' : 0* "06' *1 "' 1"+ - '
* 0 6.' 1 - * .' 050 6' 04' " 60 .8' 5. " - ' 09 8' *1 - *0' .4' 5 : *, . + - ' 5 .0 0418'
- ".8' ,19*1: 6' 3+ 2+8' - .*4.2.6+ ' +6' ' 1*4.0+ - ' .63+0' 0<+8' 03+.,08' 6.* '
3+. - ' *' 50 4+0""0 8' +2 3+0' : - ' .,0 0*6' N 4' : 061' <.*6' .*60.' - 04 6.618' 09*' 06'
5 1 + - ' 71 60 8 5.60 0' 0/' 4 5"1 - .60 5176 , 1' 3+1' .*60' + - 56.' . - .' - 0* 0'
G+ *6 " ' ,1*,0 "2 ' .4' ' , 5 ' .+ 01 + - ' .**+ ' 04 6+8' 0/' 02+8' 2" ' 0,,"0 . 6 4' 09'
' 20"" ' + + - ' ." 0.60' 50 - 66 6+ ' + - ' : 061' "" ' 5 ' 09' .+41 08' +0 *6' +6'
04 41' 40 *,058' - 0* 0' (0560 - 2 ' 5 1 - +"9.61' 1 - *0 - ' ,1*: 0* 0*4 ' 0" 9 1* ('
06' ,1* , 0*6 .0' " 20 6.60 - ' $ 160 6.*6 2+8' .4 - 0 06' *1*' - .* 0 6+ - ' 1 - * 2+8' 0 '
: 0""0' 08' 01' .44+,0 0' +6' .40 - 56.' 1 - * ' 01*, " .6 1* 8' 50' 0/' 40 50 .6 1*0' 20""+*6'
0 - 5 60 *+ - ' *0,' * ' 4"60 +8' 50 60' 0/6 *9+0*4+ - ' *' E."" .' 1: 0.6+ ' N 0* - : 0 1'
+ 5 , 1*08' *40' 1 6.8' ,+ - ' .* - 1' 0506+*6' $ 160 6.*608' 2.+4' - + - ' " 40 +6+ 1'
- ."0' 1 - .*6+ ' ' 5 .0 0 6 - ' ,+ - : 40.*6' 0.40 - ' 0 0' 3+.0' 6+*,' 60 - 51 8' 06 . .'
+,' ,1*6 .' ""18' .9 6. ' 0,' 0* - ' 0 0*4+ - ' +6' 5 ' 0/ 6 7.*6' 3+14' .: . 6 .'
" 20 1' 2 .41 .6' 5 - . .0' ? - 0* ., ' 5 *, 5.6+8' 3+' .4' 5 . - ' 50 6 *06 ? + 2 8'
*9 0 " ' 06' 51 "0 " *0' 5 17 20.6+ ' 3+14' "". ,+ - ' $ 160 6.*6 2+8' .4' 5 0,08' 0"'
,1*: 0*6+8' +2" ,0' ., 0*418' ."" 9*.6+ - ' 5 8' (0/6 " ' - 0* 0' 5 1/ - 1' .40 - 56+ - '
0 6' 3+14' 04 41' .4' ' & ""0 . - ' *' 06 .' ": .' *+50 ' .40' - +"6' *' 04 41' +50 1 0'
- +6.6.' *60 51 6.' .+6' * 3+.' *60 5 06.6 1*0' +2".6.' +*6' *0,' 5. : . - ' + 5 , 5*0 - '

A . ' ' ' =3B'9' I,' +' P' >' < 3)' ' >3 !=)21' ' +
% $ ' D4 6 ' ' % 0 ' M' ' ' ' ' 4 /$' ' $' .' ' ' 0
! " $' 2%)$' ' ! ' ' $' 2 # $Z' 2 "#' A - " ! ' 5' - $' 2( )'
#' ' 0 #6' -

5 1' *<0, "%0' 3+14' 1*1 .6+8#(.2.+4+8'& "". ',1 - 08' 5 8' * 0 6 ""- 8'< .:. 1'
'2 3+ 6. .0'5 ., 0 + ."09.6+8' . ,90.66 2+6+8',+ -',15 8'21: 8' *'5 1: , . -'
;0*+0' 4 , 6+ '' 3+14' 1*4.0+8' '&."0 .'. ,0' 0/,"+4.6+ ' 4' ,71* 8' 3+' "". -'
60*0*6' 5. " -' -5+40*60'<.4.*6 2+8' 5 +8' 0' : 6. - ' 3+. -' 0<+8' 51 "0"""1*0 -'
. - "+ 18' ' 3+14' .* ., '*167+8' @ +8' *'D 1*:0*. + -'05 ,15.6+' . 1"1' 0* ,'
.:. ., ' 5 *, 5 8' - .6+ ."' .6 ' 5 .0 0 6+ ' 3+14' 5.4.' 0, 06.' 3+.0' :1 .*3'
3+.03+0' 04 4 '5. 60 -' ., +*6'A1.**08'' 1 : ""0 +85 4,.*,0"". +8' 0.' *' 0*4+'
+ - 0' 5 1 - +"9.6.',.+ .6+8' 9 ""2' .551 61' - . 0' 406 04.6< 3+14'8' ,7.0"
1 5 6." +8'; '1 - *'". 40' - .<1 ' 14 1' 0" 9 1* 8' ,+ ' *' 1,,+"61'0+ -' .:5 0' - '
?- , '4 4 6.*6' .+".'06' - +*0 0' +1' + - - 16+8' 0 6' ' 3+14' ,1* " .'5. " -'50 '5 1'
: *, .8' *' .:. ., ' 5 +8' " ' 06' 1 - * + -'$ 160 6.*6 + -' 50 - , 0 - ' .9 6.*6+ '
- "8',". -' ' 5.* . -' .,'7 " 6.* . -'0 - "4 8' 3+ '50,+* .8' 06' 71 - *08' *'
0+ -'+ + -'+*4 3+0' ,1 .4+*6' 4' .90 0' *' 3+ 6.* .'5 15.". -' "' 1 "+, +*'
'*+50'.,,0561' *? .2. 60* ' 12 4 1*0' ;+"*0 0' 0 0 .635 ' ,+<668' .2 0 -'616' *?
*1,0*6 + -' 71 - *+ -'".* 0*.'6+*,' A+ "+' 0<+8' 04 6.' 0/5"0 0' *1*' 516+ 6' 06' 0<+8'
0 - %. + -'A1 '' 19. 06 + -'&."06. - ' 8' 40' ,.+" 8' - 0 61' :0 0 " 5 18' *0' 03'
+*40 - ' 3+1 + -' -5+" +' 0+': ',1.4+8' 0/'. - .' *.+"5 ,.6.',1*6 .' +18' + - 5 0 6'
+,'06 . -' 1,,+"6 8' - .,7 *.6 1* 2+8' 06' .+41 6.60' 3+.'* - .' *' .+".'06' 5. " -'
*' E."" .' :."0*6' 09*'6 .*3+ "" 6.8' ,1*6 .' 5 "+8' 09 8' :1"+*6.60 -' ,1*6+ 206+
4'7.0,'' 1 ".0+8' 3+.0' .2' 5 8'*+*,'. 0 .*6+ '5. 6 -'<. -'5 .060 6.'06' .21" 6.'
1 - * *1' 0"%0' 01 + - 3+0' 12" : 1*0 -'04 41' 5 1' .*, 6. -'' 5. 6 -'0<+ "*14 '0"7#
+6' :060 08' + 5 , 1*+ -',.+ .8' 3+.0' 0/' .* - 8'71 - *+ - '40"0*4.0' +*6' *1*'61"'
"0 0' 04< ' 0 ,06+ ' 01 + -' - 0 - 1 .' 0/.,0 2.6 8' ,1*60*6 1*0' .* - 8' 516 +8'
*1:.'14 1 + -' 0 - *.' *' - 0*6 2+8' 9 9*0 0' : 40.*6+ ' 6.3+0' 3+'5.4' 6+4,*6' 0.'
- ".' .,0 0' 4020 0' *03+0' .+6' - 06 ,+"1 1 + -'71 - *+ -' .+6' 04 6 1 1 + -'.* . -'
*1: 8' - 56 2+8' 3+.0 0*6 + .' + - 1 2+8' *,0 6 8' .+ 0 8' 5 .020*4.8'' "04' 2'3+0 - '
3+0' 50 < +.40 0' 4020 0' 090 -' 5.,0 -' 0 - 506' 156. 0' .,'5 1 *40' .4. -' 0 :. 0'
:0"",<' *6' 3+ ' +1'06' +* :0 ' 09*'4. - *1' 0/50 6+8' "6' *+"". -' - 50 1 + - ,.5 '
6." 1 0 -'50 60 -' 20""1' *60 6 *1' 0 "0' (04' 3+.*41' 5 ' . + -' + 5 , 1*+ -',.+ .8'
*' - 04 + -' 5 151 +, *6' *1""0' 5 18' ,0". 0' 090 -' 51 6' 04 4 -'".4+ - ' "1*90'
<+ 6 1 0' ' ,.+ . ' 40' ""1 + -'0 9.' 5 + -' *,0 .' 40' .,' :1"+*6.60' *'" 5 41*0 -'
:0* "%0' . -'3+1'50 6 *0 0' .&. .0' 5 +8' " 20 1 + - ' 1*4.0 ' 616'5 1,0 +*'
.,'40"04.0' *12 " 6.6 8' 5 1,+" .' 41 - 1' 06' . - " 8' + 8' *' + 20' D +50"".'60 .'06'
- . ' .4' 08' *1:.8' 1551 6 - .'<. -'3+.4 - 0 6 0 -' - 1 . - A? +'0* -'*1*'3 - 3+0'
.4 +.'<. -'01*,0 "0 6 6'N .+6' 3+.0' - ."+ - ' 6.'40 - 0*6 .?0 6' 3+14' .0: 0*60' 20""1'
'6. *' . 40*6 2+8' ;16 8' 1 - *08' 0/50602.*6' +6' 41 - + - '+/1 08' " 20 18' : "0 0'" ,0 06'
+,' ,+ -' 50 ' 5.,0 -'" ,06' 4'*1*'. - 5" +8' :0""0'06' *'." 0*1' :0"+6' 1"1' - .9* 8'
+ - 56 2+8' 06' *,1 - - 14 6.6 2+8' 51*60' 01* " 4. ' '0* - :0 1' 4 - . ' 090 - ' *0,'
51 "0' 0 '50 "+.40 ' 3+ ' 7.0,' . 04.6.' .,' "179 1 ' - 1 .' ." 3+ 4' 6+ 2. + -' 0,+*'
7.7.6' 90 ' 0/'01' +"5 , 1*0 - ' 3+14 0 , :0 6'5 .0, 5+18' 03 + -'4+,08' - .9* 8'
6 50*4 8' 71 - *08',1*4+,0 0'3+14' **+ - 0 .0' *.:08', ,.'V' 1.9 + - '1' 060* 0 -'
* +". -' 06' : , *.' " 61 .' *' "5.*18' 06' + 6.*18' 3+16 4 0' 71 6 " 60' 0/,+ .*6'
3+. .,,0* 1' *60 '4+18' 0908' 20""1' ' +*40, 02 .,' .4' 09 -'3+0 0".0' . 0 .*6+
4' - ."0' 7.20 0' 90 -'06' 018' 3+ ' , ,.' 5 + -' +*6' ' 0' :061' + - *<15 0' ,+50 0'
+6' 1" 0* 1*+ ' ,.+ .0' 6 *3+0 .0, 4.*6+ ' 8' .' $ 160" .*6 2+8' 1 .01' 0
51* + - 6 .6 - '5.,0' .4.'0/60 *+ -' - " 60 -' + 20' * ") -''06' '3+ ' , ,.' : , *.
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" $ ʿ "1,.ʿ.47+,ʿ +*6ʿ - "608 ʿ 4ʿ 12ʿ .4:076+ -ʿ & "". ʿ 8ʿ 40ʿ ,.+ 8ʿ 3 .8ʿ 4 /0 - *6ʿ
ʿ ʿ + 50 6+ -ʿ .,, 4 %0ʿ 06ʿ 3+14ʿ : 40.*6ʿ *ʿ5 15 *3+1ʿ 09 8ʿ <+ ʿ5 .0 4 .ʿ 4+5" ,.
G+14ʿ :0 1ʿ 4 +6 +8ʿ 50ʿ 06ʿ :161ʿ +1# +50"".0ʿ ,1 - - 1 .6ʿ +*6ʿ 4ʿ 01ʿ .4+ - ʿ 3+14ʿ
*1*ʿ 1 - 6 08ʿ 6.6 -ʿ 3+ʿ :1,.6ʿ 0 .*6ʿ ,1*:0*0 *6ʿ .4ʿ *0+*4.-ʿ .6 1*0 - ʿ 3+.ʿ ,1 - ʿ
- 14 "" - 0ʿ 0 ʿ 5160 6ʿ +6ʿ 9 .*4 8ʿ 50,+* .0ʿ E0 - .* 8ʿ 402 6.0ʿ ,1"".6 1ʿ .03+0ʿ *ʿ
1 - *08ʿ 4 6 2+.6+ ʿ 8ʿ +"6 1ʿ , 6 13+0ʿ *60 ʿ 018ʿ .4 8ʿ 1" .0+8ʿ ,+ -ʿ $ 160 1ʿ
ʿ .+".*ʿ 04 6ʿ +2ʿ ʿ A0" * +8ʿ ,1 - 16 +8ʿ 06ʿ * "4+8ʿ .:.9* +8ʿ 0*.61ʿ %1 1 ʿ
.*+8ʿ .ʿ 1040 .6 8ʿ 40"09.6ʿ 0140 -ʿ 60 - 51 0ʿ 04 4ʿ 0/0,+6 1*0 -ʿ + 902.*6ʿ (,ʿ 0/ ʿ
6 "4.ʿ 7 0 - 8ʿ 3+.0ʿ 01ʿ .**1ʿ .0: - .ʿ + 6ʿ 6.ʿ +6ʿ ʿ (03+.*. ʿ 90 ʿ 06ʿ 5 0ʿ 714.*+8F
9".40ʿ ,1*, 0:0 *6ʿ 06ʿ <+* 0*6.ʿ 5. -ʿ .,ʿ ,. ʿ 1*+ 6ʿ 50ʿ 0.ʿ 6 .* - 660 0*6ʿ 06ʿ
*ʿ U$ 1: *4.ʿ .,ʿ (056 - .* .ʿ 5 1: *4 8ʿ E."" .0ʿ - ./ - 0ʿ .+ 6 ." 2+8ʿ +9 0 .0ʿ 0 0ʿ
. 21 08ʿ 1 - *08ʿ 00"+ʿ + 6+".6.0ʿ *6

)ʿ # # ʿ :0 0ʿ : 1*ʿ . 6ʿ I 161 - .9 ʿ 0,0*6 2+8ʿ .47+,ʿ 5. 6 + -ʿ 14 8ʿ
6+ - +"6+.6+ -ʿ 0" ʿ 06ʿ ,+X*ʿ $ 160 6.*608ʿ .4ʿ 5 0,08ʿ 50ʿ 51 6. -ʿ 9ʿ ."060* 0 -ʿ - .*0?
,/ 0*6 ʿ 3+ ʿ *ʿ 52 6 0 - 1ʿ .9 - *0ʿ 0 .*6ʿ .ʿ 51 6.0ʿ ,+ 614 2+8ʿ *. -ʿ 5"0 3+0ʿ "1, 8ʿ
155 41 + -ʿ 51 6.0ʿ 3+.6*: 8ʿ .4.ʿ 5.,0ʿ .47+,ʿ - .5+ʿ - "6. ʿ ,+ 614 02.*6+ ʿ 5 - 4ʿ
4 40 8ʿ - 1/ʿ .50 6 8ʿ ,1*: , 8ʿ 506 6ʿ 06ʿ .4ʿ 0/6 0 - + -ʿ *<+ 1 0ʿ 5+" .6ʿ +*6ʿ
1,ʿ * 6 1ʿ .+4., 1 08ʿ 044 6ʿ ,+ 61408ʿ ,+ -ʿ +2ʿ ;450 . -ʿ $ 160 6.*608ʿ 41 - + -ʿ
04 0*6ʿ *ʿ *,.+618ʿ - .<1 0 - 506+ʿ *:04ʿ 0/ʿ 8ʿ .4ʿ 3+ *3+0ʿ *60 4+*6ʿ 4 3+18ʿ
.+6ʿ 9 .: 60ʿ :+"*0 .618ʿ .+6ʿ ,1*6+ - 0" 1 0ʿ 7.2 618ʿ 7+0ʿ ""+,ʿ 4 6+ 2.*6ʿ 40 -ʿ 055.0ʿ
04 6 1 8ʿ 0/0 - 5"1ʿ 161 - .90* + -ʿ 60*6.6+ - ʿ 04ʿ 01 + -ʿ ,1*.6+8ʿ .ʿ 5 .0 041ʿ
05 0 "+8ʿ 0 6ʿ G+.ʿ 0ʿ *60""04.ʿ 0/ʿ +"6 .ʿ - 14+ -ʿ ,1 - - 16+8ʿ 0 6ʿ :0ʿ .40ʿ 3+14ʿ
.4ʿ ,1*6+ - 0" . -ʿ +. -ʿ 50 6 *02.6ʿ 6.6+8ʿ :0ʿ 3+14ʿ ,1* " 8ʿ + 8ʿ 0 - 1 . -ʿ ."". ʿ
6+ + -ʿ . 2 6 . 06) ʿ 6.3+0ʿ 6.6 -ʿ - "+8ʿ 01ʿ $.*,ʿ 2 1 - 1 .*6 +8ʿ 03+ 6+ -ʿ 6 ʿ
2+*+8ʿ "161 - .9ʿ 5 .0 04+8ʿ ,+ -ʿ - .*+ʿ 4 - .6.ʿ 06ʿ 0ʿ .66 2+6ʿ 0/ʿ ʿ ,+ .ʿ $. 0*"6ʿ
40"04ʿ 0*.61 08ʿ : ʿ *609 6.60ʿ ,1*"5 ,+ʿ 06ʿ .2ʿ 1 - *ʿ .4 1*0ʿ ." 0*ʿ 8ʿ 3+ 2+8ʿ
56.00" 06ʿ 0 *. 4+8ʿ ʿ $ 0:16 +8ʿ 1 .*+8ʿ 3+ʿ .*60ʿ *$ 1: *, . -ʿ - "%+8ʿ 0/ʿ <+ 6 6 .ʿ
*609 0ʿ .4 - * 7.6.ʿ + - - . -ʿ .03+/6.6 8ʿ ".+40 -ʿ - 0 +0 .6ʿ " ʿ ,19* 6 3*,ʿ 7.2 6.ʿ
5.+,18ʿ 01 3+0ʿ 12 0+ ʿ *1 - * 8ʿ ,1 - 5 070* 18ʿ +55" 41ʿ . , +*6ʿ 3+1 4. -ʿ 0/ " 1ʿ
06ʿ 9 .*4 50, - . - +"4.*6ʿ *ʿ .2 0*60 8ʿ .4ʿ , , ʿ 6.*3+. -ʿ ,1*6+ - . ,08ʿ - 1 6 8ʿ 5 1ʿ
*+*4.0.ʿ 0*60*6 .ʿ 6.2+" 8ʿ 5. -ʿ 4. - *.61 + -ʿ 5 151 6 8ʿ 4ʿ +60 - 3+0ʿ $ 160 6.*60 8ʿ
*.6+ .ʿ +.ʿ 3+0 +"18ʿ 5".,.: 6ʿ .40 -ʿ * 1"0*6 .ʿ 5"028ʿ R .+ 1*0ʿ *ʿ $ 1: *, .ʿ
3+14ʿ 155 4+*6 .4ʿ ʿ . ":: 18ʿ 50 6 06ʿ 06ʿ *ʿ ,+<+8ʿ . ,0ʿ 0/ʿ 5 .0 4 + -ʿ 60*02.6ʿ *ʿ
$ 160 6.*60 8ʿ 5.+"1ʿ .*60ʿ - 0* 0ʿ J02 + - 1ʿ .0: 0 .6ʿ 4+, 2+8ʿ 04 6 1* 8ʿ Y 9*1* 1ʿ
<+* 1 0ʿ 06ʿ ,7.0"0ʿ 2 ." .ʿ .ʿ &0*. , *0* 8ʿ 4 6 1* 8ʿ 5 1/ - .0ʿ 3+.0ʿ 51*6 ,ʿ 5. 06ʿ
515+" 8ʿ ,1*, 6.6.ʿ 5"+ 0 3+0ʿ 06ʿ *ʿ 8ʿ ." 3+16ʿ 10 - *.0ʿ *60 04.0ʿ 06ʿ 9 .: 60ʿ
:+"*0 .6.0ʿ 50ʿ 626+ -ʿ 6 4++ -ʿ +0 +*6ʿ 06ʿ +"60 +8ʿ 5"02 8ʿ 0 - 0" +*40*41ʿ .*9+ *ʿ
."%+06.0ʿ . 41ʿ 5 1,0 "06ʿ * " 1ʿ 1 - - 0 .*+8ʿ 3+ʿ . 4ʿ .ʿ ʿ . - : "".ʿ - 51 6+8ʿ
5 .00 .6ʿ 55" ,08ʿ .4ʿ 0ʿ ,1* +9 0*648ʿ .,,05 606ʿ 06ʿ 5 0ʿ ,+ -ʿ 5 .0 4 . 8ʿ 0/ 0*8ʿ
+ 0*60 8ʿ ,20 ,+ "%06ʿ .ʿ 40ʿ 0ʿ ʿ +41: ,+8ʿ . "2: +8ʿ 3+ʿ +50"".0ʿ 0 .6ʿ ,+ -ʿ
.5+4ʿ 090 -ʿ ? .+ 1*0* 8ʿ .6 8ʿ *1 - *0ʿ 50ʿ "60 .8ʿ 3+0 6+8ʿ 0" 06ʿ 506 6063+0ʿ
+6ʿ <+/6.ʿ 04 4+ -ʿ " ,0 06ʿ .6 ʿ 3+0 *ʿ :0""06ʿ 155 41ʿ 06ʿ . ,ʿ 5 .0 ,0 0ʿ 3+ 155 4.*18ʿ
*ʿ 1 , 1ʿ ,1*6 *0 06ʿ " 20 60ʿ .**+ 6ʿ 0/ʿ ʿ 06ʿ *6 .155 4+ -ʿ .,,056+80 6ʿ 0 ,71ʿ
* +8ʿ 3+ʿ - ,0ʿ 5 .0 4 1ʿ - .6.ʿ 04 6 1 18ʿ 3+ʿ + 20ʿ 0,+ 6.6 8ʿ +.Nʿ ,.+ .ʿ 5 - + -ʿ
0/,0 0 .*6ʿ 02+8ʿ + - - .ʿ - 140 .6 1*0ʿ * 6 1ʿ P?61 - 51 6 8ʿ +6ʿ 41 7+ *ʿ 04 60*6

Iʿ V ſ I *: 6.: 6

% $ ʿ 2 2 / $ʿ 29 $ʿ ; ## $ʿ 2 . ! 2 * " #2 W] !)$
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: 6.: 6 < ' 06 51 6 ." 3+16 - 0 0< 8 *3+ "6 1*0 ,". - ' .4 ' 01* , 18 ,1 - 5 07074 '
<+ " 6 ' 06 . +41 6.60 09 .' 4:1, .6 8 0/ 'D 0" *.6+ 5 1/ - 1' ,6 (056 - . * .' <+4 , 2+8
*' 5 ' ,1 * : 418 . * - .4:0 6 6 ' 3+< 2+ 4. - ' +55" 0 1' . J04 8 ' ." 8 ." 1' 510* .0 90*0 0
<*+"4 .6 8 ' 06 .2 0 .6 2+8 5 1 , 56 8 ' *6060.' .:. .' ,+ - '$ * .5 2+8 ' 1 * 1 .,'
5 100 2+8 .47+, +50"" .0 ?0 .6 < \+2 ' 5065"0/ .' " .' 40 ,1"" .6 1 * 0 50,+* .0 E0 - . * 8
402 6.0 .6 1' 4 +' .9 6.6.' + 6 ' 06 . - ' 3+0 0" 8 40 090 06 0<+8 , * 61 1' .4 - 6 8 '
,+ - ' 4+ + - ' 0 0 4 ,0 0*6 +6 71 - *08 ' 3+ ' ." 13+ ' 0 0 :0 4 9 ." . * *+ + - ' 09 ' 50* '
40 ,*6 ' 50 ' 20"" .' +50 1 .' D - * 2+8 . ,+"6.6 2+8 51" .6 '6 , ' 21* 8 0/7.+ 6 ' *1:1'
1*0 0 5 0 - 0 0*6+ ' 1*+8 +* :0 " ' 09* ' .2 +* :0 " 8 0 ' 151 60 0 ' 3+14
5+2" , .0 6 .*3+ "" 6.6 8 ,1* 6 6+0*4.0 , .+ .' - 50* + - 0"%06 ' 40 5+2" ,1' "+ ' 4020 0
1*6 . ' 3+ ? .03+ 1 08 0 .*6 ' 4' .' 090 - * - 0 0/504.*4+ .' 4 ,0 0' 3+ ' 40 +1 '
,+ - ' E0 - . * ' 4 - 6640*6+ ' *0 "1*9 1 0 - ' . ,' 4 . - *3" 1 0 - ' - 1 . - ' *' 09*1'
. ,0 0* ' ." 3+16 - 0* *' 6 50*4 + - ' 3+. *": 8 - * - 0 .4 4' 12" 9.6+8 ' *+ - 0 . '
<+" "%, ' A6.' 6.*40 - ' 51 6 ,< 02 .8 06 5+6 "0 8 3+0 0".8 40, 06+ - ' 0 6 ' +6 50,+* .
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? 506 0 .*6 ' +6 %70141 .8 0C.' ;*14 ' 5 .0 08 +6+ +8 . ,0 60 06+ ' ' 0. - 3+0 0 '
.:. .' .4' E0*0: * 0 . 0*.6+ - ' " 6 0 .8 4040 .6 ' 3+ ' 6. - 05 .40 "0 *1*' 506+ 6 '
*' 0.' .4+ - ' 0 6 40 4 , 5" * .' 0/' +50 1 + - ' 20""1 + - ' 1, ." 1*0 5"0 3+0 '"148
,1"" .5 .' * 6.+ .*4. 'L*1:.' .' A1. * *0 , 1 0"" 1' 5 151" 6.' . - 5" +8 4 0+ ".' 06 '
5+9*.6.' ' 40 ' 414 5.0 06 . - F ." 3+16 , .5 6 2+8 4 0056.6+ - ' < 4 ' ,0 0 - 1* 8 *'
I 1 - * , .0 ,10* 0 .4 - * 6 .6 3*0 12 0 : .*4 8 ' 40 36+2+8 1 - * 2+8 3+.04. - ' 40?
, 06. ' 3+.04.* ' - ' 5 3/ - . - ' ;*14+ - ' 0<04.' +*6
9 8) ' ^60 ' 7.0,' :0"+6 ' ,+ 8 1 - * 2+8 1"+6+8 ' 51"6 *+56 ." .'60 6.' <. - ' , ,"0 '
2 .6. ' <+ ,+*4+ - ' ++* *' + 20 - ' *9 0 %+ - ' 5. Z ' :1"+0 .6 ' +/1 ' *+50 ' 4+4.0
+2 *40 " 1 : .' 12"04. - 0*6.' 3+.0 0*8 ' 6.3+0 02+8 .4' 6.*6. - ' 0 - ' - .9* , ,'
5 .05. .6 8 .4 (.74 1*; .*. - ' 51 6. - '5 4' 1* ' . 6 ' . ,,0" 6 ' +2 ' 09 - .60
.+4 6 8 1 - * + - ' + 2 8 1 4 *+ - ' <+4 ,+ - ' 6. *' * 0 1 + - ' 3+. - ' : 9. * " - ' .'
6 1*." + - ' ,6 6 5 0 - 6 607.6+81 .6 1* 2+8 ' ,1 . - ' 0* ,1? *4 + 6 ' 4+ ,0 0 J .6 '
, G "0*31* 1' .6 2+8d . 1"1' 16. *9 .04+ ,0 ' J .*, ,1 1 21 16 0" 71 '
." 8 5 * , 5 2+8 . ,'5 100 2+8 ' 3+ ' - 9*1' . ,' 1"0 - * ' 5. .6+ .40 .*6 ' 51 6 0 - 1'
' 5 .0 - 8 3+ ' :0*0 . 6 ' A 5 0 . - .6+8 - .9*.' 51 - 5.' S+ - 6 . - ' *9 0 678 ' 06 50 '
. ,+8 .*6 3+. < 1' 150 0 - .9* , ,' 0/ 6 .418 06 * , 56 1* 2+8 E .0, 8 ' .6 * 8 .,'
E." , 8 .' %1 '8 + .61' 06 $ 0 6 1"' 1* . 41' . 8 7+ +8 .0,+" ' "+ * * 2+8 1 *.618
' 404+<4+8 4' - .<+8 + 2 8 60 - 5"+ - ' :0* 6 ' .4 3+0 01' 9 .6 8 06 .' ; - 571* . , 8
0, 6.63 20.61 + - ' I - 2 1 ' 06) 9+ 6 * ' , *6 ,1 ' * ' ' +5 6. - ' 50 0/ 6 ' *40
6206 1' 51 6 4 0 ' *0" + 4' ".+4.2 " 8 0 6. ' *. .<1 2 8* / 5.6.0 ,1* +06+4; 8 5 .060 '
- 660 06 ' *' "0*.6+ - ' :0* 6 - .9*1' ,1 - 7.6+ ' 06 *' "04 60 * 1' + ' 340*8 7.*4
- 04 6.6. - ' 2 .6 9*0* ' + 6 ' G+1' - .9 8 .5+4 - 0 05+61 ' 3+16d:. 8 1 6+*.0
5 1,0"" ' 4,' 3+1' 09* ' 9+20 * . ,+" 8 .4 - 16+8 + - ' 3+163+0 , ." . - "6.6 2+8 <.4.6+8 '
+0 - ' 01? - .<4 08 - 0 01' .6 .8 .90 0 4020 0<0* , 1 ' 3+ ' - 0. - ' * .*6 . - ' 7 ' ?
9+". ' 5.6 1, 15 360/ 6 ' 06 0,+*4+ - ' 0+ ' 09 *.0 F5. 0*6 ' ,7. ; - .0 ' 4 <+8
0/ - .' *' - 0? 06 % .*, . - ' 5 3 0.60 ' ,+ . ' 6+4 1' 06 5 +40*6 .' 0 04+ - ' 0 6 I +6
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' 09*+-' 71, ' ,+' 090*41' 50 ' .06.60-' *"5. ' , . - ' *60 0.' 156 * 0' .4 - 6 6 .6 7;'
' 06' 50 ' , : " + - ' . - 1 + - ' 60 - 50 6.608' *609 + - ' 0 :66+ - ' #$ ' 3+.0' ,+ - ' 50 '
5.,0 - ' ,1 - 51 6.' *+*,' 0 ' 20* 9* 6.60' : 40. - ' 5 1/ - + - ' 0 6' +6' 156 - 8' .' - .6 0'
.4' 20*0' 0 603+0 09*.*4+ - ' - 1* 6 8' 6 + 6+8' 5.,0 7' 0<+ 40*.' 20*0 41' 5. 6. - '
- * 150' 06' 6+4 1' 06 *0. - <' 06' *' 4' 636 8' .* - ' : "2+8' *,+ - 2. - ' +6' :+"*0 .'
41 - 0 6 , 8' 20"" 8' .,,056.' 40 *,058' .*0*6+ ' G+14' 01' <+:.*60' - 0' 0<+ 40 - ' 4 '
"0 4 "" - .0' 5. 0*6 8' 15,?.,' ,1* " 8' 06' ""+ 6 6 - ' *4 + - ' 4+, .6 8' ,+ + - '
- . - ' *0916 3 - - ' U' , 6 - * ' 8 8RJ .*, 9' "0* 1 "' - *1 ' *.6+' .6 8' 3+0 *'
. ' 0.' *' 0' - +6+.8' 150 .8?' 5 .02 6+ + - ' 5 1' *,0 1' 0 1*,1 4 ' 3+' *60 ' *18'
0 6' . - 1 0' 50 1' .4' 0/ 6+ - ' 156.6+ - ' 50 4+4+ + - ' 5".*0' ,1* 41') 6' 4' 4 06 8'
06' 50 ' :18' 1 - *08' *60"" 90 0*6' *' 7+*,' "1,+ - ' :0* ' N6' +6' :12 ",+ - ?' 6.6+ - ' 5 .0'
0*60 - ' 0 7' 405"1 . 0 - ' *' 3+1' ,1 +56 8?' - 1 2+8' .,' 4 , 5" *.' 1 - * + - ' 1 '
4 *+ - ' 0* - ' ,1"".5 . ' : 6 .' 5 " - ' 9 . ".*6 .' .4' + . - + - ' * 7 "' 62' 0" 3+' 0,0 0'<
' 06' ,+ - ' .4' 1 - *0 8 1 4 *08' - ."+ - ' 50*06 ." 0' - .9*1' ,+ - ' .* - ' - 1 6' . - ., 0 61'
6 3< - ./ - 0' *60 ' <+4 , 8' ""+4' 0 50 41"01 ' 6. *' * 0 1 08' 3+.3.' 018' 3+' *'
+5 0 - 9' "09* S+ "8?<+ ' 4 ,+*41' 5 .0 +*6' 3+14' 40' 21* 8' 06'.*609 6.60 .0?'
6.*6 2+8' : 8' - * - 04 "+ - l * 6(91' + - ' :061' , . - ' ."N .03+.2 "' <+ 0' 5 .0'
, 5+0' 50*40 0' 6 .*3+ "" 6.60 - ' 5+2" ,. - ' <*' 4' 3+13+0' 5 .0, 5 0' - 7' 0".21 .*4+ - '
: 401' +6' 33.0' 5 .:1' + ' *:."+0 +*6' 0.' 04+"1' ,1 9.*6+ ' *' 3+1' +6' :18'
.+41 6.60' 1 - * 2+8' - .9 8' 51""06 8' 6.' +6' :0 6 5' 3+13+0' 0/0 - 5 1' ,060 8' 5 .0'
"+,0.6 8' 06' :1"1' 06' <+201' <' :18' 3+' : ,0 - ' - 0. - ' *' 714' 5 *, 50' 09*' 0*.6+'
+*9 - * ' 06' 3+ 2+ ,+ - ' 5 - .8' 09 - 0' 4 9* 6.6 8' 5. 608 X 1' - +*0 8' *0,0 "6.64 '
1 - - +* ,.: ?' 3+ 2+8' : 6. - ' 06' 1 6+*.8' 515+"1 + - ' 40' - 0.0' .' 03' , 04 65 + - '
,1 - - ' ' .' :12 8' 5 8' 5 <*, 5 ' 0 - 0*4.6 1* 8' .,0 0' :0 + ' 0 6 U3+1' - 0.*6?'
40 - ' .,' 41* , 6*6 . - ' 0 9. ' 0+ - ' 0/1*0 .60' 06' <+ 0' .43+1? *60 ' ?1 - *0 8' , 6 .'
1 40 8' 06' 9;.6 . 3' 35* 6 6+61' 5+2" ,. - ' <+ 060 - ' - . 0' :."0.6 8' "".3+0' :18' 06 . - '
963+0' 06 . - ' : 40 0' .03++*' 0 6' +6' .' 1 4 2+8' 05+ 9.6' 1* *0 - ' .' :12 8' ".:. 6 .0'
*26. - ' 0" - *06 8' ' 06' 6' 3+ 8' *60 ' :18' : 6 8' 3+.0' *' <+4 ,0' - * - 0' 0 0*4.' +*6'
*3+ *.6+8' 050 .6+ ' 0+ - ' .2' 1 4 *0' :0 6 1' 0 - 1:0.6 8' *0' 5 5)"' 1 J0* 1' *4,'
,1*6 .4.' .41 - *0 8' 04+*406< .4 1*08' 5. 608' 5 0* .6 1*0 8' 061 - *0 - . - 2 6+ - '
08' * ./ - 0' .' 7 6 6 .6' 5+ 6.60' ."0*.8' 5 1,+"' ., 60' ' 4' 3 . - ' .09 0' 5 1*+*, 1'
6. *' :58' 4 " 90*60 ' 0* 6' 5. ' 0 6< +6' ,1*,056. - ' 40' 0.' 0 1 - * + 6' 15 * 1*0 - ' .4 8'
0 +606 8' 0' ,060 1' :12 8' 04 ,1' 36' 04 4. .,?,1* 6 6+6 1*08' 0" 9 1" 0' 0 :06 8' <?
06' :18' .4? 48' 1 4 *.6186%, .6 8' +6' "09 2+8' 5. 0.6< 8' *1* - 50 06 8' 06' ,.8' ,1*60 - '
*.6 8' !' *' - .*4.6 8' 3+.0' .4' :18' - 66+*63 ' ." 3+ 4' 66' ,+<+ ' , .' +55" ,. ,'
.5+4' *18' 402046 8' 4' *0' - 1 .' ., 60' ' *. - ' 5 0,08?:0 6 .0 07 9*0.4 - 660*6+ '
04')2' :12 8' 40' :1"+*6.60' - 0.' ,1* 6.2 6' 6+*< :061' :48' 5. 0 ,' <+201' 9 03+5' +"'
60 +8' 4 5+6.*41' ,) - ' 09,' 06' 41 - *1' :0 6 1' ."60 ,. ' ,+' 06+ *' +.) - 3 0" +8'
3+. - ' + " ' ." ' .6 1' ,1* 6.6' 06' 3+' 0. + - ' <+4 , + - ' 2' 1"' " :.6' G+.5 15 '
:1l' *6 . - 3 0 6 .0 ,.*,0""18' 31*6 *060' 3+ 550' .4' 71, .' - 0' * 6 +6 ' +6' <+8'
.03+.2 "0' *60.' 5. 608' 4 ,.6 8' , - *.' ,. 6 906 8' 04 4.' - 0.' .,' 31* 6 6+6 1*08' 0 '
:06 8 ' 5 06 + - ' 12 03+ ' 9 .6 . - ' 06' S1*1 08' .' - 0' ,0 6.' 50' ,2* 0,) 6+ ' ,1*6 .'
? 5,0 6 8' *4 9*.6 1* 8' - 0.0' 530*. - ' *, - + ' 9 6+' 04 ,1' :12 8 5? .0 408 ' +6'
,+ ' 3+.6+1 ' 0/' 0*.616 2+8' .' ,+ 40"09.6 8' 2/6 .' 1 4 *0* ' 4 02+8 .,' 71 8 ' 3+.5'
7.9 8' 1551 6+*.0' : 402+*6+ ' 5 *:0* .6 8' :0' X' 5.".6 1' :0' *' 5 :.6 8' .04 2+8'
0 6 8' 8 06' 3+14' 0/50<" 0' .4' <+ 6 6 . - ' 06' - 1 + - ' 01 0 6 170 - ' ,3* 0 0' <+4 ,.2 6 8'
8' *60*6 .15' :0 6 . - ' ? , 561' ,1 - 5 07,*4.6 8' 06' .4' - 0' 3+. - 5 - + .' 6 . ""'
- R6.6 8' 4' 7.0, .' G7 61571 1#%7+.*1' 5 Z 1' 5 . 40' 9 .; 60 '

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6 . 60 - ' +6' 4 . - * . 6 ' 41 - +8 * : , 1' ' (. * 4 1 * ; . * 1 ' *' 3 . ' , 1 * : 0 * 6+8' 7 . 2 6+8' 5 "06'
1" Q' . 03+ . <06+ ' 06' . 0. ' 5+2" , 1' , 040 X6 ' *' 3+ . ' R4' 50 506+ . - ?' 0 ' - 0 - 1 . - ' 0/'
X#+2" , . 6 (I' E . 6 * 0 ' 21 8' X * 1 * + - 0 * 6+ - ' 0 90 06+ ' 3+1' 60 * 6 . ? * #' 5 + - ' " . 6 . '
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, . +6+ - ' 0 06 ' +6' 4760 66 . 0 ' 40 , 06 . ' <+4 , . ' 20"" @60 - 51 0' *' $ 160 6 . * 60 8' 0" '
9 1 * X' 14 1' . 4 . ' 0 0 * 40 0 * 64 ' <' 0 4 . - * . 6 ' 21 * 8 ' ' . * . 0' 06' 71 * 1 2+8' 60 6 6+0 '
0 * 6 * ' < 06' 3+ . 0 , + * 3+0' - 1 * + - 0 * 6 . ' 04 + - ? 0 + - 150 0 "0 Q6 ' . 4' 5 . 060 61 + - '
12" : 1 * 0 - . * , 0 4 . - ' . 21"0 0 * 6+ ' ' 40"0<9 . 6 ' 506 0 + * 6 ' +6<+4 , + - ' , 1 * 6 . ' E . 6
* 0 : + * % 06' 23+06+ - ' 6+ - ' 40 , " . . 06+ ' . , ' 5 ; 8 - ' 41 * +8 ' "" +8' . 0 . ' 0 04 . '
3+ . 0' , + / ' 8' E * " . : + "91' . 550"" . 2 . 6+ ' . 4 . 21"0 * 4 . - ' . 4 ' - 0 - 1 3 - ' 4 +0 06+ '
06 . 03+Q< *' 3+ 43 - ' 5060 0' : ' + * 6' 09 ' 4060946< ' ' 04' 3+ ' 04 6 2X2 + - ' . 4 1 * 0 - '
1:02 . 66 ' - 06 "0 * 4+ - ' 4 , 02 . * 6 ' * 0' 6' 08' . , . ' < , ' 0" 9 1 . ' *' 9 . 6 . - ' $ 160 6 . * '
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ˁ : 6. *4+ -ˁ6+ - +"6+ -ˁ *ˁ5 1/ -+* F(ˁ *1,0*6 ˁ,10 - 060 + -ˁ6 - 8 0 0 + ;8*4+4.ˁ
.0*0.ˁ 6.2+". ˁ *ˁ3+.ˁ 0*60*6 .ˁ,1*6 .ˁ4. - *.618ˁ ".6.ˁ 5 1 6.2.6ˁ 6ˁ 0<+8ˁ "1,1ˁ ."60 .ˁ
ˁ *ˁ, +, 8ˁ 71*1 0 - * 0 56 1*0ˁ .551 64ˁ *. - ,ˁ+6 "3+0ˁ 06$ 160 6. *6 2+806ˁ 5"02ˁ
$. 0*"ˁ .6 8 . 6+ -ˁ ˁ 0 ˁ 0/03+3*4.0ˁ *0916 + -ˁ 4 6+ -ˁ ". +4 1# . ,0""1 ˁ
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516+ 6ˁ 3+ *ˁ,1 6 1*0.ˁ 04 6 1 8ˁ .4 ˁ .6 . - .ˁ,1*,". - .6+ -ˁ ˁ06ˁ + - -4ˁ - .*0ˁ
4 0+ 0*6 2+8ˁ 50 ˁ + 20 - ?ˁ 6.6 8ˁ 6*ˁ ." 3+16ˁ 12ˁ 0" 9 1*0 ˁ + 5041 + -ˁ 4, 8ˁ
: , *.8ˁ 4 056 1* 2+8ˁ .0: 6+ - ˁ &0 + -ˁ - 1/ˁ .,,+ 0*X J .*, ,1ˁ - 1 .*6 1ˁ
ˁ + - - 1ˁ+ 2 8ˁ 5 .0 041ˁ .*6 3+.0ˁ 5 12 6.6 8ˁ.,ˁ 4 0 5" *.0ˁ : 1 ˁˁ,6ˁ 0/ˁ 12: 8ˁ ." 3+16ˁ
,.0 8ˁ .63+0ˁ + *1ˁ :)" - .0ˁ,1*4 6 1* 8ˁ 3+ˁ 5+* ,ˁ* ."6:0*402.6ˁ ,1 *5 070*"2ˁ
06ˁ .4ˁ ,060 1 + -ˁ 60 1 0 -ˁ .4ˁ 5 / - . -ˁ .04 -ˁ 0*0 6 . -ˁ 9+".ˁ .4.ˁ + 50* 1ˁ
4 6+ 2.6ˁ 7+0ˁ " +,ˁ .4 1 ˁ *ˁ 41 - 18<ˁ3+ 3+0ˁ +.6ˁ 4 :0 ˁ .2 0 +*6ˁ G+14ˁ +6ˁ
- .9*. -ˁ 5 +40*6 8ˁ <+/6. .,ˁ 5 .0 0*6 8ˁ .* - ˁ 15 * 1*0 -ˁ 1 - 3 .*6 1ˁ 61*,) .: 6ˁ
3+ˁ 04 6 1* ˁ 50" - ˁ 0/0 - 5" ˁ 06ˁ 3+.0 4 - +".6.ˁ 09 . -ˁ .+41 6.60 -ˁ *ˁ + 20ˁ
09*ˁ 5 - . .ˁ +6ˁ ." .8ˁ .,, 4 6ˁ 0;0 60 0ˁ 516+0 .6ˁ *ˁ 60 - 51 0ˁ 1,,+ 0 6ˁ ˁ 6. - ˁ
5".,.2 "0ˁ 5"02 8ˁ <. -ˁ ˁ .0 - +"1 + - .4 1*0ˁ 5 .01,,+5.6.0ˁ 14 + -ˁ .4:0 +8 5 + -
Lˁ ;,1*, 6.: 6ˁ *60 0.ˁ %0" * +8ˁ ,1 - 16 +8ˁ 06ˁ .:.9* +8ˁ U4 0"09.6ˁ .ˁ 090ˁ - ˁ
ˁ +50"". -ˁ :0*0 .*6ˁ +6ˁ .:. + -ˁ 06ˁ 1" * + -ˁ 40ˁ 09 09 .ˁ 5 +8ˁ :1"+*6.60ˁ .0ˁ
5., 8ˁ 40" 40 1ˁ ,0 6 1 08ˁ 0440 0*6ˁ< 6+ *ˁ 090 -ˁ 40ˁ 20""1ˁ *ˁ 0"9 + -ˁ 6 .*8 0 0*41ˁ
,19 6.60ˁ ˁ 06ˁ 3+ ˁ 5./ˁ - 1 ˁ 0 06ˁ .4ˁ 0. *ˁ 06 . -ˁ 5 1/ - .0ˁ .4 * 6.6 8ˁ: *,+"+ -ˁ
.440 0ˁ 40, 0: 0ˁ. - . 0*6ˁ G+18ˁ 6.6 -ˁ +2 03++6.8ˁ 0 6ˁ - .**+8ˁ4 E+*6."4+8ˁ
1*+8ˁ3+ˁ 09 8ˁ *1 - *0ˁ 40ˁ - .6 - 1* 1ˁ . 9. 6.0ˁ 1 2 8ˁ,+ -ˁ 0* ,1ˁ . ˁ
:. .3ˁ " 1ˁ .90 06ˁ 06ˁ 0.ˁ 50 018ˁ .4ˁ .+". - +6ˁ :0* 0*6ˁ 71 6. 06+ ˁ *ˁ0. 5ˁ 0 -ˁ
,+ -ˁ - +"6.ˁ 1*+8ˁ 4 / " 06ˁ 6+ - 40ˁ +1.4402.6ˁ 5+",70 - . -ˁ.ˁ 01ˁ 1,,. 1*0 -ˁ
a 0 ˁ 08ˁ *ˁ5 6 + -ˁ .4ˁ 3+ 060 -ˁ - .*4ˁ ˁ 3+. -ˁ ˁ5 .060 - 660 0*6< 1 0ˁ +6ˁ
090ˁ 3+."ˁ 0/ 05+" .ˁ *4 9*.6 1*0 -ˁ <+ 6. -ˁ ,1*, 5 0*60ˁ E+ . ˁ 3+2.) ˁ - 0ˁ
6+0 0*6ˁ 06ˁ .ˁ,2 - 6.6+ˁ5 *, 5 8ˁ 0,040 0ˁ5. .618ˁ 5 0 0*6ˁ + +8ˁ *ˁ .+". 0 +*ˁ
516 0*6+ ˁ L<. -ˁ 090 -ˁ 40ˁ - 504 - 0*61ˁ 5 1560ˁ ,19*.6 1*0 -ˁ 5 1/ - 1 0 -ˁ ,6ˁ
0" 9 1* 8ˁ 4 "%0* 1*0 -ˁ 0 - 1:0*41ˁ ,+ -ˁU (.": .61ˁ 51*6 , 1ˁ 1 .61 0ˁ 09 "0ˁ ?06ˁ
3+. "3+. -ˁ 51*6 0/ˁ 9 .6 . -ˁ .,0 0ˁ 7 40*+8?ˁ 0,+ .:0 6ˁ A 1*ˁ 40 50 . 0ˁX. - 0*ˁ 6ˁ
40ˁ 02+8ˁ ,060 8,1*:0*0 6 ˁ 3+24ˁ *1*ˁ * ˁ50 ˁ - +6+.ˁ ,1""13+ .ˁ 0< ˁ 5160 6ˁ 3+ *ˁ
51*6 0/ ˁ 3+1ˁ 0 ˁ :1"+0 6ˁ 51 60.ˁ .* - -ˁ *," *.6+ +8ˁ 6ˁ :0* 0*6ˁ ".* + -ˁ
*0,ˁ - 1 . *.ˁ4 40* .. -ˁ *ˁ .* - 1ˁ 09 8ˁ 4 +6 +8ˁ ."0 056ˁ ˁ "ˁ 7.0,ˁ .:. .ˁ51 N
.4.8ˁ 1 .6 1*0ˁ ,1 - 51 6.ˁ 9 .6 .8ˁ 0 -ˁ 7+<+ - 34ˁ 0 0ˁ 0 51*4 6ˁ 3+.ˁ 2 5.ˁ
6 + -ˁ + - 0 0ˁ 5 .ˁ .4ˁ 40" 20 .*4+ -ˁ :0" 6ˁ 06ˁ 3+.*3+. -ˁ .9"/1 4 .6ˁ .,ˁ " 20*60ˁ 5 1 ˁ
60.6+ ˁ 0. *ˁ 2ˁ - .9*1ˁ 1 *. - 0*6 ˁ06ˁ ,1 3 - 141ˁ .4 * 6.60 -ˁ 1 0 :ˁ 64 - 0*ˁX47+3ˁ
.* - ˁ50*40 0ˁ .*ˁ5 1560ˁ " .ˁ 5 .ˁ - 504 - 0*6.ˁ,29*.6 1* 806ˁ *ˁ 0" 9 1*0ˁ 4 4
ˁ ":.ˁ ,1 6 0 0*6 .ˁ 0. *ˁ 0/5060 0ˁ 402046ˁ 3+14ˁ ˁ ,1* +"6 8ˁ 6 01"191 + -ˁ 2 + -ˁ
0*60*6 8ˁ " ,0 0ˁ 2ˁ ,1 - 50 0 6ˁ ,ˁ 3+14ˁ .4ˁ 0 9"1 . -ˁ ;0 - 6ˁ 06ˁ 0ˁ 09*ˁ, a - ˁ
- 141ˁ 6ˁ " 20*6 " - 0 .4+ . -ˁˁ *03+0ˁ +"".8ˁ ,1 4 6 1*08ˁ 0,7 .6+ . - ˁ 3+ 2+8ˁ
09 8ˁ .,ˁ 09 * .0ˁ ;1"+*6.6 ˁ 3+ 2+8 , 6**0 ˁ12 03+ + -ˁ 06ˁ 12 0 :.*6 . - 4020. ˁ
.6 8 .,0 0ˁ 06ˁ 09*ˁ 6 .*3+ "" 6.6 ˁ 5 1ˁ 3+.ˁ: 6. -ˁ 5 1 +*40 0 5. .6.ˁ W6ˁ !6 140 %0
51" 6

ˁ.ˁ. ˁ ˁ / " " ˁ ˁ8 $ #ˁ $ + - - 16+8ˁ " 20"5 -ˁ04 4 6 3+ <" .*"".6 *0ˁ - 1*+
Lˁ $E+ .*1 + -ˁ +ˁ+ ˁ Iˁ4 ˁ5ˁ - 0*6< """+8ˁ 9*" - 7 6 .*17 -ˁ 0:0 6ˁ *16.(
?L9ˁ,1*?6.: 6ˁ ˁ 140 -ˁˁ60 - 51 0ˁ 0*.6+8ˁ 0*0ˁ :0 .0ˁ 5 06.6 8ˁ0.*,0"". ˁ4+,0 -ˁ ++ -ˁ 0ˁ9 1*0ˁ - 50
4 6+8 (ˁ + 614 ˁ + 1ˁ ." 13+ˁ ,060 8ˁ 6702"19(ˁ 0 5 <*+"6 8ˁ :0 2 8ˁ 04 *60 - 50 6 :0ˁ,1*3+0 02.6.ˁˁ
+ 504"+8 12ˁ22ˁ. ˁ06ˁ 5 0,08ˁ 71 . .8ˁ *ˁ " 9+. -ˁ .43+0 -ˁ 51 60.ˁ,1*6 . 1 , 561ˁ 0 51* + "ˁ0 6ˁ * ˁ
:0 - .,+". -ˁ :0 .8< 06. (3 24* ,ˁ ,1""09 ,2* 1 6 1ˁ 60 0.%0" * +8ˁ + + ˁ4 ˁ5 N /
- ' ˁ ˁ ˁ ˁDˁ . ! 2ˁ ˁ * " #ˁ # , " Iˁ Kˁ ˁ0 / # ˁ ˁ9*!#) #
ˁ !$ 2ˁ , #$ * , 5< $ -

ˁ # ˁ ''

51 " 6ˁ 0* ,+8ˁ 6+*,ˁ d20 .6ˁ ,+ - ˁ 1*4.01ˁ .6 0ˁ 5.6 +0"0ˁ D 0*0. *+ ˁ - .9*1ˁ ˁ
< 12 " + - ˁ ,1 - 6.6*ˁ 5 1 0 6+8ˁ +*40 .+"1<51 6ˁ "+ 6 .6 8ˁ 4 6 1* 2+8ˁ .4ˁ - .6 0 - ˁ 04 6ˁ ˁ ˁ
01406*ˁ 60 - 51 0ˁ 0* ,+8ˁ 1 21* +8 ˁ E1*4.0+8ˁ ,+ - ?? . .ˁ P " : .ˁ * +".0ˁ
. ,7 1* .ˁ 06ˁ :0 * ˁ .,ˁ E+ ˁ + /17 - ˁ 60 6 .ˁ 2 1 0 ˁ 3+.0ˁ 4 +ˁ .< 60ˁ *ˁ .ˁ
:. .0ˁ ,19* .6 1*0ˁ 5 1 , - .ˁ 5 ˁ ,1*<+*!p .0ˁ 9;*.0,01ˁ +0 .6ˁ 06ˁ $ - 60 6.*6 + - ˁ 414 +ˁ
. - ˁ .ˁ 0.ˁ ,"61".ˁ - 2+0 X< <?40ˁ - .6 - 1 1ˁ 91*:0* 6ˁ 3< 14ˁ 51 60.? A02 .6+ - ˁ 0 6ˁ
ˁ ˁ :.,G 1" * +8ˁ .*60ˁ 3+.4 0** + - ˁ E4(416. - ˁ ˁ .:."". - ˁ +/1 0 - ˁ
+ 0" .* ˁ . - "06ˁ 40 0,+*4 8ˁ *+56 8 ,19 6. 6 ˁ 40ˁ 8ˁ A. ,12.ˁ *6 . - 1*6.*.ˁ
".+4 ˁ ˁ .6. *. ˁ L *<1* 6 ˁ 09 "ˁ 5+9*.ˁ (. 4 3*; .7.ˁ 1,, ˁ : 4+. ˁ *12 ˁ
" 6 - .0ˁ 06 +/6.ˁ 15+"0* ˁ *ˁ (.2.+4 .ˁ . - " .0ˁ 70 040ˁ 3+ 0$ 160 6.*6 + - ˁ 414 *.0ˁ ˁ
*ˁ ,,+"61ˁ .:02.6ˁ - 0*6 1ˁ *<04.ˁ ˁ 4ˁ ,+ - ˁ 0 , : "06ˁ $7 " 20 6+8ˁ - - .*+0"
(.2.+4 .0ˁ 4+/ ˁ 5+2" ,.6 1 8ˁ 21*1 + - ˁ 44 6.ˁ 510*.ˁ 5 17 2+0 .6ˁ *0ˁ 3+ 8ˁ 0/ˁ +.ˁ
4 6 1*0ˁ *X+ 6+ˁ +1ˁ ,+ - ˁ 3+13+. - ˁ ."60 +8ˁ 4 6 1* 8ˁ - .6 - 1* + - ˁ .+6ˁ .4 * 6.60 - ˁ
,1*6 .70 06 ˁ ,+ - 3+0ˁ 0/ˁ 51 60.ˁ * ˁ 0 ˁ 1 - - 0*4.6 1*0 - ˁ .4ˁ (.2.+4+ ? .05 +8ˁ
, 5 6 606 ˁ +6ˁ 04 4 ˁ 5 17 2 61 ˁ 9/.6 . - ˁ *6 . - 1*6.*.9ˁ .,0 06ˁ * 7 " -506 . ˁ
516+0 .6ˁ &0 + - ? 6 . - T*6.7. ˁ 3+.0ˁ 1" * ?ˁ . - 1 ˁ 0/ˁ "" +8ˁ : 6+6+ - ˁ g .04 ˁ
,.6 1*0ˁ ,1*,056Tˁ 50 ,+"+ - ˁ 1 - *0ˁ 51 6" .20 06ˁ *<+ "+ˁ (.2.+(ˁ 06ˁ X@ 061ˁ 1?
, 5 1* 8ˁ - 06+ˁ +50"". - ˁ +2ˁ 4ˁ - - 5+8ˁ :0* 6ˁ , ˁ 1"+5 + - ˁ *ˁ - . 6+ - ˁ .,,05 6ˁ
3+1ˁ 0140 - ˁ 4 0ˁ 1" * +8ˁ "1 6. - ˁ " . - ˁ ˁ %0" * 1ˁ 5< .060 ˁ *.6." + - ˁ ,". 6.60 - ˁ 06ˁ
.* - ˁ 1 6 6+4 *0 - ˁ . 8ˁ *90 ˁ 416 2+8ˁ 5 .04 61ˁ <+:0* ˁ 0"1,.: 6ˁ 1".ˁ : 6+6+ - ˁ
5 +8ˁ ,1 - - 0*4.6 1*0ˁ .4ˁ 4ˁ *: 6.6+8ˁ < ,+ - ˁ +41: ,+8ˁ 5.60 ˁ 0<+8ˁ 3+ ˁ .47+1ˁ *ˁ
: : 8ˁ 0 .6ˁ .*6 3++ - ˁ 5.6 - 1* + - ˁ 1 - *0 3+14ˁ .* 5" - + .ˁ 0 .6<5 1 + 8ˁ + - X 6 2+8ˁ
*0/7.+")%06ˁ &0 + * +6ˁ +*6ˁ 08ˁ 7+ - .*.0 ˁ 0+8 , 61ˁ *+56 ."ˁ ".06 6 .0ˁ 6 6 6 . - ˁ
<* ,+ 6ˁ *+*, 1ˁ +2ˁ 4ˁ 60 - 5+8ˁ ."".61ˁ 40ˁ *1"60ˁ 406ˁ ˁ 1" * ˁ ,. 4 *." 8ˁ .60"?ˁ
1*.0 ˁ KU# ,+ - ˁ +50 1 ˁ 20""1ˁ *ˁ .+". " .(067.3< *9"1 + - 09 *.0$ 160 6.* ˁ
6 + - ,.+ .0 ˁ 5 1,+ .6 1*0 - ˁ + ,05 06ˁ 06ˁ *ˁ - .9*.ˁ .+42 6.60ˁ .5+4ˁ 0. *ˁ 0 "06ˁ
52ˁ . - " .0ˁ . - 5" 6+4 *0 - ˁ 06ˁ : 6+6 8ˁ .,ˁ *609 6.6 8ˁ 15 * 1* - ˁ 02+8ˁ *ˁ E."" .ˁ
91 - 52^ 8ˁ .ˁ E. 5. 0ˁ .6 0ˁ 0:1,.6+8ˁ 506 61ˁ .ˁ 9 *.ˁ ,2 - - 0.6+ˁ ˁ . - 561*. - ˁ
:0*, .6ˁ +2 ˁ +7 61? - 1 21ˁ ,1 056+8ˁ <. - ˁ 6+ *ˁ *1*ˁ ‖*0 + 5 4150:0*0* ˁ - .9*1ˁ
+ ˁ 0" 41ˁ 40" 6"U - ˁ 40,0"" 6ˁ / : ˁ S."ˁ . 6ˁ 2.+4ˁ - .<1 ˁ 3+ *3+.90*. 1ˁ 06ˁ D . - ˁ
6 %. .0ˁ 05+"6+8ˁ 0 6ˁ : ˁ - .9* 6+4 *0ˁ .* - ˁ ,.*41 0ˁ .03+ 6.6006ˁ . .ˁ 75,ˁ .0:1ˁ
40ˁ .4 7.0,ˁ ., ˁ *ˁ 02+8ˁ .0 6 - .*4 8ˁ <+, , 1ˁ ,+ - ˁ 54+, 8ˁ ,1 - 5. .*4+8 ˁ &0*0 ˁ
*+ - ˁ "" ˁ .ˁ ,+2 , "". 1ˁ *ˁ 51 *1ˁ 5 15 *. - - ˁ 51 60.ˁ ,1* 6 6R ˁ ?,+ - ˁ 0.56+8ˁ ""0ˁ
3+. "ˁ 0/5"1 .61 ˁ +50"". - ˁ - "" 8ˁ " 3+0ˁ 61 - 0*6 8ˁ +2<04+8‖ 0*" ,1* 0 "+8ˁ 0 6ˁ
& . 60"" 1*.0+8ˁ ,+ - ˁ * *9" .ˁ 0 "06ˁ 40ˁ - .6 - 1* 1ˁ " .2067.0ˁ ,+ - ˁ 0* ,1ˁ
Vˁ *4 + - ˁ 4 0ˁ 09 8ˁ .,ˁ 09<7.0ˁ 5. 0*6 8ˁ - .*4.6+ˁ 090 .6ˁ ' 04ˁ *+""1ˁ 0/ 6+ ˁ ,+ - ˁ
" .ˁ *0,ˁ 1 - * *1ˁ 5.". - ˁ 0,+ . 06 ˁ 06ˁ 6. - 0*ˁ *.6+ .ˁ +.ˁ .ˁ *+56 8.271 0 06ˁ 0,ˁ
403 .*6ˁ 0/ˁ *1 6 8ˁ 3+ ˁ *1*ˁ - .9 8ˁ 0 1ˁ 4ˁ .ˁ 090ˁ .9ˁ 60 5 06.2.*6+ ˁ ' 01ˁ , " ,06ˁ
1* " 1 ˁ +6ˁ - 0*6 1ˁ "" +8ˁ - .6 - 1* ˁ *<04.ˁ *,0 .0ˁ .,ˁ ,0 6.0ˁ +.0ˁ 0 9. $ 16, ˁ
6.*R 8ˁ ;1"+*6.6 8ˁ 5 9*+8ˁ 0 "06ˁ 06ˁ 1,,+"6 - ˁ 40ˁ 0<+ 40 - ˁ *+56 8ˁ ,+ 6ˁ 5 *, 50ˁ
S.:. .0ˁ 3+0 *ˁ 1 1 ˁ +.0ˁ ? - . 6+ - ˁ 50602.6ˁ 6 .4.6+ - ˁ *60 + - 50 06ˁ G+.ˁ
5 1560 ˁ ,+ - ˁ 40ˁ 5040 0ˁ *60 *08ˁ 06ˁ *9"18ˁ .90 06+ ˁ 06ˁ 40ˁ 0.ˁ .4 * 6.60 ˁ 3+. - ˁ
<0/ˁ 0*< 0ˁ 0/5060 0ˁ : 40 ˁ :1"02.6ˁ 50 ˁ "09. 18ˁ .4+ - ˁ +0 .6ˁ
&ˁ ˁ ˁ ˁ ˁ ˁ ˁ ˁ ˁ 0/ˁ <. - ˁ 7," * .6.ˁ .0 6.60ˁ]ˁ "10 .8ˁ ,1*,0 "0 .6ˁ +6ˁ 2 ˁ .:. . -
Lˁ 5 *450 - ˁ " + - < 1*4.0+ - ˁ .,ˁ 1" * + - ˁ 3 18ˁ +6ˁ *ˁ .+". - ˁ :0* 0*6ˁ ." 4+ 8
*+*0 8

& ˁ %ˁ Vˁ ".+4 .6. *.0ˁ *61** ˁ 09)"5+9 .ˁ (.*41*; .*.ˁ 1,, ˁ &4+.ˁ ^ˁ 'T$ $ i
% $ ˁ ? R2 ! 5 ˁ !5 $," ˁ " *#$ ' $ 2 ' $ 2)5 ˁ % ,)ˁ
9 $ 2 ˁ , $ 24 !)$ > * ! ˁ 5 !# "# $ 2 # ! 2 # 322!# !$2 I ˁ . # !
2 ˁ ! ˁ ! ˁ ˁ M/* 3!$ 322 #/ " #"$5 2 !# $ 2 ! ˁ 2 # - ˁ ?
% ˁ ˁ ?

5 *6 6, 8 6, " 60 8 1" , 6.2.6 0/, 50 06 < 06 * 4 0# + 9D" - +!3+0 0/,+ 0 .6
3+14 0" ,10*12 + - * %+ 1* 2+(7, 8 A:. . 0*. 8 .1 0" 3+1 "1, " 6+
. - 10* "" - + * : 06 3+14 09 * . 5 0560 0. 40"R . 8 .04 2+8 3+ ."0 8 +2<3+0 50
E."" . - < Q .* 8 + - 56 2+8 6 +02.6 .04 , . *4 8 6+*, . * - 1 40" *.2.6 2 4+ -
.+". 0" 06 E01 9 +8 & ""1,". +8 E+0 ,7 . : ,0,1 - 08 9*0 1" + .0 +"+ -
3+ ,+ - "" . - 4"61 60 - 51 0 1, ,+"6.0 - +"6.608 *60 ,0 02.*6 U * ,1 *91
" *0* *1671 09 8 .6 0 . 1"1 . *8 0"4 1 8 (.*<1.** 9 1*91 - 0 .6 0
06 ." 8 31 - 6.6+8 .4 - + * , 5 .".8 +2 0 4 0 - .99 04 6+ , ,+ - :0*6+ -
- +"6 8 6 2+8 60 * 6 .63+0 *60 , 6 4 ." 60 .63+0 ."" 0 - +"6 *60 5 06.6 +**
. - 71 - *0 - 0* ,1 *4 + - 4+, * ,+<+8 . - " .6 *, 50 - "16+ - .*60.
60*02.6 50 ,7. + - 06 70 + . , . *1 + - 0 0 5. 6 , 5, - 12 43+0 . - 5" - 8
71*1 2+8 1 *.6+ - * - 04 . "+,0 . 5 - . 8 .+".0 : 8 *1* * <+ " 09 8 06
0/ 0* , 5 +8 ,1* 0* + *60 , 516+ " :0 - "0 02.6 < 04 , . + . * 1,
,+"61 0 .6 " 12 , , 0618 0+ - 5 U, 5." 10 - * . . - 1 08 . 090 50 ,+ "2 08
* 0+ - +21 * .618 4 ,02 6 " 0 - 6. *. . *6, + - *4 *+8 50 A - 5 5 40*
6 . - 0+ - 0, 06R 09 5. 6 , 50 - 04"%06 06 ""0? - .<1 0 - 5 +40*6 . +6 0 *
09 8 . - . 6.60 - 50 : . * 6.60 - * " *+. 06 4 09 5.60 0, "06 0/ 3+ 0, 06+ -
0: +"9.6+ - *1""0 & ""1,". + - 0:1,.6 06 60 - 5+8 :0* 0 4 , 6 3+1 40 * - ,1
3+ +4"* 3+1 5.0 - .<0 6.60 - 12 , .+ . - 3+. - +55 0 . - - ." 6 9 . : 60 ".0 0 6
+"6 130 - + - .6 < *1* 40 6+ 18 ,1 - 608 - . *+ 5 1 - 5618 3+18 "" .66 2+6+ +8
" 6 6. *6+ - < 0 . * - 1 " *3+0 06+ ? 7 8 06 ." . .44 6. 3+1 71 - *0 - 0 6 6. *60*6
L - 50""0 06 0/5 12 .6. * 18 9*. : . * .+40 06 , . *+ - .+60 - ""+4 ,1*<+
.6 1*8 - . - 6+ * ,1*6 . 1" * + - . , 3060 18 5 1,0 08 6 , + 0 .0* 1 . *
3+ 08 . ** 03+0*6 8 0 5 0 0 ,+<+8 0/03+0*4.0 - 14+ - 06 1 4 *0 - *4 *+8
950 1" 1 ,+<+8 <+4 , + - 6+ - . , 02.6 ,1*6 . 3+. - 5 . 090 .6 0 5 .0
,056+ - +0 .6 - 5 +40*60 ,1 - - +* , . :0 .6 +"6 8 6. - 0* 06 . - 3/ 160 6. *
6 2+8 3 6+ * * .+". 0 . *6 +6 0/ 5 1 + - 0 - 1* 2+8 52 60. 4 4 4 50 +. +*
+ 6 01 60 - 51 0 090* 40 , .040 06 `?". * 0*. p 3+.0.9*1 5 1/ - 1 5.6 .6. 0 6
*1*4+ - ,19 6. 0 A. - .05 +8 20"" * 0"9 + - 6 . *8 0 0*4 +6 *3+0 - 0 1
*<04. +0 .6 4340 +41: ,+8 . "2: +8 .+ 1*0* 8 .6 8 0 02 8 *. *, 8
. , " 60 8 1" , 6.6+8 + 902.6 3)54 ,+ - *1* * 6 1 . - 06 50 5 &.6. ,1""13+ .
0/5" , . 51 "06 . 1 : +8?3+.X * 49 + - 50 - . 0 5 3 0 6+ +8 ,1 - 5 .6 8 .4
4 02+8 *0,0 . 8 4 9.+".61 7.2 6+ * .+". - ,+ - J .70 01?# . *1: 1< . 1"1
%0" * 1 A1 . *90 61 90*" 1 :0* 6 06 +6 " 6.60 *0,0 6.60 . , .6 5*0 20""
* 0"9 1 90 0*4 ,+ - 090 3+ 6+*, + - * * 6 . :0*. 6 1* 2+8 .+6+ - *." 2+8
*60*6+8 0 .6 0/ 4 06+ - 5. 6 1 - +"6 8 * 1, ,+"61 09 6 < 3+14 ,+* < 0/ 2 + -
- 150 0 5". ,0 0 40 - 1* 6 . 06 4 < ,+"6.608 6. - 0* 3+.04. - +20 0*6 3+ 2+8 *1*
* 0/3+ 6. 1" * 0*60*6 . 3+0 * + - - + - 7+ , 20""1 4+,0 - 40 *.2.6 0
0/504 60 51 "06 . "2: 1 +6 1" * 1 3+ - 5 - + - * .+". - : , * 0*4 .+41
0 "06 50 +. 6 6 6. 0440 - 3+1 : c*0 .6 7.2 6+ . "2: +(+50"". - 0:0 +8
0 6 +2 - * - 0 ,0 ".2.6 1" * + 3+ * 6 +4 8 ." 3+16 *. : 9 8 2 *3+060
+ - 0 - . R - .0 50 6+ - 06 ."R 3+ 71 - *0 - 7 0*++ - ,+ - 0/504 6. - . *+
- 66 6 3+ *4 .0 1, , 40*6." 8 51 648 .4 " 61 . 5 15 +8 ,1*60 - 5". 06+, + <0140 <
60 - 51 0 3+1 20""+ - [* 0"9 1? - 1 0 06+ * 0 6.6 8 *4 . + - ?" 61 2+(: 08
5.*1 + -

L_ 1 " " ! ! ! 5X 2
. V ; ' G'3)3=21
(, ' 22 2 $ < . " 7 * / 2 , "# 9 / $ 2 !)$
1 ! 52! 2$2! 2> "#)$ = " 5 \# !2 "# ! " 5
2 "#),3 % $ K % # . ! 2 22! 2- ! 5 - 2 " !
I # $ 0 / $ #!* # #$ $ 2

) ' '+3')

5.*1 + -'5"+ 2+8'"1, 8'4 6 .70 0*6+ ' &0 - -' * 0" /' *.: 9.6 1 "8' "" +8'0/ 6+ ' S@ '
<6' 71 - * 2+8 ' 3+ ' 0/5 1 .6+ -' 0 .*6' - .61' .:. 6 .0' : 6 1' -U /' .4' .' : '
5 *.8' :0 8 ' 3+. + -' 4+",04 *0' 0 0.6 ' ,+* 50 ,+"1' "0' .05 8' 12< ,08, *6' *'
' 50 0 +*6' <+/6.' 5.* 1". -' , .56' 06' .4' +*+ -' 1 - *08' 6 +, 4.6 ' # *60 0.
1" * +8' .' 40"09.6 8' 06' .2' 5 1' . 1: 1' 50 +. +8' 0' .4' 60 ' *' .+".*.',1 - 5. .6'
.2' 6+ 1' ? 2 ".02 ' 3+ ,A+6*' "" '. 6 3+.' . - , 6 .' *60 ,0402.6' 51 6 60 1' .4' 0+ -'
- "2' *4+ 6+8 ' 3+ ' ' .4' 0+ -' .' 090' 4 5"1 - .' .66+" 6' 3+1' ,02.6' 5" ' 12 "0 8'
. - .618' .4' ,1 51 8' 6+60".* ' 06 . -' *'d.+".' , ,+ *4+,0 0' 44 6.0' .4' 4 .0,' 06'
J .*6 ,' 1 - 1 .*6 ' "60 .0' *1*'%1"+ -' 5 1/ - .' ,19*.6 1*0' 04'. 6 " - .' . -"'
, 6 .0' *0,0 " 6+4 *0' ,+ - 8N 1" * 1' ,1*<+ * 4 ' 3+ 2+8' 0+ -' 40' 01* 6.*6' 09 8' 0 9.'
5' " -' :1"+*6.60' 00 6 1 0 - ., 02.6' 06' +6' *' .+ . -' 3+. - 5 - + -' :0* 06' 0 < 4'
12 0, .2.6' 49 6+ ' "0' *' .+ . -' :4* 6'?50 71*1 ,,' .63+0' * 1" 6.' ".06 6 .' 0#'
,056+8' * :0 1' .*60' 09 8' 50408' ' 90*+.' :0*0 .2+*4+8' 5 9, 40 06' 0+ - 0/?'
6.6 *:' +2"0:. : 6' 5. 0560 - ' 40*6 40 - '.5 0"".*8' 06' 5.". -' 4 6 6.*8' *+ 3+.*'
156.6 1 0 -' 2 ' 4 0 -' ""+/ "0' 3+. -' 3+1 0 'M,X+8' 5 .0H 6 . -' 20""1' *0 -' *:51'
6+ -' 06' 6 .*3+ "" 6.60 .'6161' 09*1' - . - M,1* 6 6+6. -'& 40 06' %+ -'7.40':0 2.'
0* 40*6' :+"6+' +2<0, 6 ' +*,' 60' 64*0 - +8' 06' *12 0+ -' 7.20 - +8' *03+0' 51 60.' '
,+ -' :1"08' .' ".60 0' *1 6 1' 4 0040 0' " ,02 6' .4 -' :+"6+8' 0 0* 6.60' 06' 5. ' :0 '
21 + -' . 7 " . 6.60' .' 49 *.' - .6 0' 06' *4 *1' 5 .060 ' 50 -' 0/ ,056+8' 0 6' ' 04'
5 .0, 5+0'\.2' "0* 17 1' 3+' 12' 4' <.5.' 6+ *' 1 6.' *60 ' .6 08' .0 - +".6 1*0' +" '
50 6+8' 0"%0' ,105 6' %. - 71M*1 ,.' 06' 20*0:1"0*6 .0' 5"0*.' :N 2.' 0/' .4 8' 0+* 6 '
L".: 6' ,'" 2 . + -' , 1' 0/.4 . 1' .4' . , 0*4.4. - *.' 5 :.6.' 5 1/ - 8' 20"" 8' ., ,0568'
+ - 0 . ' <+ 8 ' 06' + +8' .**' .,0 416 1 + .' . 60"" 1*.0 ', . 4 *." 8' .6 8 ' 3+.0'
""0' . - 5" "" - .'51"" 402.6' 04 6+ -' 0 ' .66 2+ 6' ,+ -' 5. 60' ""1 + -' .,0 416 1 + -?'
4.6.' ., " 6.60 ' 3+. -' 06' 4 5"1 - .60' - .*+'5 15 .' +2H *.61' - .: 6' "50""04 "0 .'
* 6 + 6 - . -' . 60"" 1*.0 ', . 4 *." 8' 4 056. -' .,' 4 :0*4 6. - ' +2 ,+ - 3+0' 0. *'
., , 51 "66' : *4 ,.*4 ?' %+ *' 5 6 *+8' 0' *' 09 8' ,1* 61 1' "1,+8' 0 6 6+6+8'
6. +6' *60 ' 03+ 6+ - 6 2+718' <704 +8' 0*60*6 . -' 4 ,0 06' %0" *"668' 3+13+0' 5 +8'
9075 ' - .9* 8 ' 71*1 2+8' ." 04+8' 0 6' < 06' *1"4+8 A' 3:.9* +8' 0*.61 ' %1"1 0*+8'
- .9 A 6 ' "+55" ,+ -' *' 09 .' " 20""1 + -' 4 9* 6.60' 41*.6+8' ." 3)0' 0/' *12 " 6.60'
:. 8' 20*0 8' 06' 71*16 2+ ' 0<+8 ,1 - - 0*4.6 3*0' .' 090' .+ 6 ' 44 6+ -' .4'
7+ - .* 6.6 8 '., ' - . ,0*6 .,' ,+ - +"+ -' .'I 90 ' 3+3' - .<1 0 -' *,0 6.6 8' 06' ,1*'
6.*6 8' 40' 5.,0 ,1* 6 6+074.' 40 40 ' 40 - .,0 06' +6' 3+. - 5 - + -' .6 1*08' 20""'
*' 0"9 1' ,1*6 .' 5.*1890 0*4 ' * 0*6+ ' 104+8' ,+ -' 0 0* - .' *9"1 + -'
09 *.' 0*1:. 06+ ' *1:+ -' 0+ -' 5 *, 5 2+8' +9+ 6.*.0' ',1* 0 " 1* 8' 1, 8' *'
E4 - .* .' 54 0+60 06+ ?' *40' 506 6.' .' 093' " ,0*6 .' 1" * +8' ?' . 60"" 1*0* ' .4'
+5. -' 5 15 . -' . ,0*' .4' 08' 41 "., 6 ,.8' 1 *.*4.8' ,1* ,0 " 6' +*40' ." 3+.*61'
51 6' .' 090' *' .+ . -' 0:1,.6+8' 0 6' +6' 40' 20""' 0"9 , ' .6 1* 2+8' +6' *1:.0' 4 '
,+"6.608' 1,,+ 02.*6' ,+ -' 01' ,.5 6.',1* 0 06' .,' + +8' 41 - + -' 0506 : 6' 6.'
6161' 0560 62 0' 0/.41 ' 40"09.6'$ 160 6.*6 + - ' ,+ -' .0< +8' ,+ -' 090' 09 "0*6' 6'
.4' ,.5 6.' 04 6 <' 3+.0' .+6' . - 2 +.' .+6' ,1 6 1:0 .' 0 "0*6' 20* 9*.' *60 5 06.6 1*0'
0 51*40 0' 4 9*. 06+ ' 6.*40 -' 01 - -' 506 6 1*08' .2' 0* ,1' ' 0 - 41' ,1 . -' 090'
" .0 + *6' 06' .4' 0.9 .6 2 0 0 51* + - 5 4 4 412 8' 6.6 - 3+0*1: '40"09.6'
50 ' 5 1: *, .8M - ' 3+ 0,+*4+ -' 0.' 3+.0' *2: 6 - 0' 40, 06.' 0 0*6' 04 4+ -'
0/0,+6 1*8' 40* .*4. 0*6

& ' ,' .**+8' .5+4' <0 - .*18' 6.*6+ -' - 1 6 2+8' .+6' 5 *, 5+ -' .+6' ." 1 +*'
: 1 + -' - 0 *1 .2 " 8' + 6' ' *. -' 0.6 -' * 6 1' 0<+8' :' 1* ' A.*?' A1.,7 - +8' "

. 402+ 9 ,+8

) % J

6 ;' .*402+ 9 ,+8' ,560 - : ' *' . ,0' # 150* , .' .4' (+0:+* ' ". : + - ' 4+12+8' +5 .
' ' 0 " *+ - 'U*. "" . 2+8' ,+ - ' 7 ". 60 ' ,10* . "06 ? +2 61' , 6 *4 8' 0 6' ,+ - ' .**+ 5'
.06.6 8' ^ / : ' .90 06' / / / : ' 5 *, 5.6+ - ' 0/ 60 ' : ' :0*0* ' 3+14' *' 55,+"1' ,+2 '
6+ - ' 6+ 1' A+4.0+8' 3+ 4. - ' - ,+0 .6' 3+14' 3+ *3+0** 1' 51 6' *4 , 1' :1, 8' .'
A+4.0 ' +/1 0' 0+* ' - . 61' / .*60' - 5160*6, ' 0 - "6.0' 5.6+ 6' .9*1' 8' + 6' 06'
" 20 ."0' *90* 1 ' 04' 5". , 49' 0 *' 0" 9 1* 8' *0 16 1' + - - 0' - 140 .60 ' 40' ,+<+8'
,1*6 1:0 8' ,1 - 51*0*4 8' +* ,0' 1" , 6+8' 0 - ' *1*' : ' 04#. - ,0' 50 ' ,1""13+ .'
6 .* 90.4. - ' ,+ - ' ,0* 0 06 ' .2' . - 8' , : " 2+8' %0 - 50 ' .271 + 6 ' 06' . - , 8' .,'
1040 .6 8' 5 *, 5 2+8 ' +6' .2' 8' *' 0" 9 1* ' , .+H' .2 6 *0 0*6' .+41 ' + 6 ' 0""1'
+*9. ,1' 1" - ' 5 .0 04+8 ' ,+ - ' *03+0' 50,+* .' .2' - 50 ' 1 4 * 2+8' 5 1 - .' *'
6 5 74 + - ' ,1* 0 06+ ' 06' ,1 - - 0.6+8' .63+0' .+/ " .' *1*' + - - * 6 . 0*6+ ' *'
+6 " 60 ' 0 0' 60 - 5+8' *' " .' 0/504 6 1*0' ,1*6 : 6' 01' *1 - *0' .'$.+"1' A1: 1' *4 9*,
'". ,0 .6+8 ' 3+. 6' .4' $0 6+ - ' 09* 6 0' 5 ; 8' 06 - ."0' 90 6. ' ,+*' ." , ' 516 +8' 3+. - '
5 - 8' ,+"5.' 4' ., 40 6' + - ' A1.**08' .60 ' 40, - 1' 51 6' 0' 0,+6+8' 0 6 U' + 6 *'
.4' h . 4.0' 06' & .4 ' ,1 "+0*60 - ' 5". , 40' - 1 6++8 ?5 *,058' 5 +40*6 .' 06' .4'
0:0 6.60 - ' .*6 3 . . - ' ,1 " 51 6 8' - 1 2+8' ,1 - - 0*4.2 " 8' 06' 5 0' .2' . - 8' ." 0*+8' <
,+<+8' " . - ' .6" . 6*. - ' - .6 ' 0* , ' +* & , ' " .0' ,19*1 - *0 - ' .**1' +50 1 0'
A1.,7 - +8' J 40 ,+8' .4 - * 6 .61 ' .9402+ 90* 8' A1.,7 - ' ' 0560 - : ' 403+1'
- 140' 4 / - +8 ' *0518' +/1 0 - ' 4+/ 6' 0 '013+0' - .6 - 1* 1' .* " .' ""+ 6 " - .' .4'
5.+,18' 04.4.' - +"6 8' + 0056 8' " 50 8' .+4.' .,' 5 15.9. .' 0 6' A1.** 8' ? - 1 6,'
.*402+ 9 , . - ' 4 6 1*0 - ' 3+4' *+"" +8' *' ?(./1* . '+* +8' 5 * 0 5 8' . - 5" 1 ' .+6'
515+"1*1 ' 0 6' 090*4. - ' .,,05 6' A1.**08' E01 9 +8' A1.,7 - ' ' " +8 ' *' (./1* .'
3+13+0' 12 " 8 . ,' 50 A *6 3+.' . - " .' , $"0"" .' %70141 ' - 1 60' 0/6 *4 .' 0 6' 060<+8'
. - 5" " * + - ' 5.6 - 1* + - ' . , ' , . 60"".' 0 " .0' 5 *,058 ' ,+<+8' 20*0 , . .' 0 .6'
51 0 + - ' : 6' 1,' 06' 0140 - . .**1' h 1" .*9 ' ' . . ' 51*6 * ' .*60' 2 0** + - '
*'9' 0 - 1: , 2+8' .5+4' *18' - 1 6+ ' , .4.:0 ' *91" - .0' .2' 01' 60 - 51 0' . 0 :.6+ - '
06' 7 40 ' *0' 3+.' 5.,0' .4.' 12' 0" 9 1* 8' 4 4 .' ,1*6+ - 0" .' . ,0 06+ ' I 50"". - '
6 .* ".6+ - ' A3.** 8' 'Q 1" ' 3+1' ,1* " . 1' 8' *' 0.' 0/ '04 6 1*0' + +8' +0 .6' ,+ .'
1", .4 ' +20,0* ' - 51* 6+6 ' 06' 50 ' - . 0' 4 :0 .' 1 6+ '<.4.6+ - ' 6.*40 - ' ' 4'
G+ *6' " 0' % . - + - ' +20,0* +* ' 51 6+ - ' .55+" 6 ' +*40' 02+8' 0,0 . 8' .4' 71B
*1 ' , . - ' +2:04 1*0 - ' ,1 - 5. .6 850 ' 2' +*02+ 9+ +* : , . 7 h 1" 02+64+ - '
*4. - ' . "0"".8' .41' 6 *0 0' +2 3+0' +*02 2+8' 1 .6 1* 2+ ' 40,1 .61' %+*0 0'
5 *, 5 2+8 ' , : 6.6 2+8' .,' 1 4 * 2+8' 12: . - ' 3+.' *,0402.6' 71*1 ,0' ., ' - .9*1'
,1 - 6.6+' 5 1,040*6 2+8 ' 51 6 0 - 1' *' 5 15 . - ' 4 6 1*0 - ' 404+, 6+ ' 06\' 0 0* '
70 - ' *' - 1*+ - 0*6+ - ' - .<1 + - ' - .9* 8' + - 56 2+8' *' :04+ . - ' .,'51 - 5. - ' .4 8'
* 0 6+ ' 0,' - +"61' .*60' 0/' 05 "056 , 8' 41"1 2+(' 5 4' J 4' . 6' .6 8' ,1*,0"" 6'
A1.**08' (6057.*+8 ' 06 . - ' (9 - + <4+8' .2' ." 84 4+8 ' V ., .0' 5 *,058' A1.** 8'
' (,05+ ' 06' .20"".0' (9 - +*4 ' +9+ 6' 09 8' $1"1* .0' 1 16 8' " +8' 3+' 5.6 '
%+ 48' 5160* - +* ' ' .**1* .0' .,' "1 0*6 "% - + - ' 616.' + 15.' 09*+ - ' *: . '
'40*4 ' 1, , . 1*0 - ' 5 .020*6 ' 40 - ' .* - 8' 06' 5. ' * 0" , 6.60' +, ,0 6 6' 54 4.'
7 40' %1 4. - ' 3+.0' 0 6' 5 1: *, .0' + 28' ,1 - 6 .' 5 *45 ' , 0.*41' .4' : S ." '
G+ *6 " ' *' 3 6"2+8' ,1 - - 0*4.6 1* ' (0" - ' ,+<+8' " 60 .0' 5+2" ,0' "04.0' +76' (60B
57.*+8' .61 +8' (1 - " 0* 8' *4 0.0' " +8' ,1*,1 4 2+8' 1 - * + - ' 1 4 *+ - ' :16 8'
% .* ": .* .0&. :14.'0"04+8' 0 6' ,+ - ' E. 5. '? 0R 1" +8' 5 1: *, .0' 09+"+8' 0+*40 - '
71*1 0 - ' + 6 .' * 0* .6 8' *12 " 6.6 8' + . . 8' . - 2": "06' (6017.*+8' 6.6 - ' .63+4
' 5 *,058

- '7 5B ,T* "# " !) '1 , $' A2 # !$ 2_ # 2' 4 ' $ 2;3 $
' , ' ' 2 &5(!#)')' 3' " #!$ 2 - ! " $ 2 '0 / $ _ $ 2. "##! $
2 ! ! !] 3 _ ! # $' ! ! 2' 52 ,' 52I !/ "$ 2. ! , ! $ $
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7 0":06 18' 71 508' .76 3+.' 50 0, +6+8 ' 5 .060 ' ." .?' * 970 - ' *' 6160" 8' 5106 , . .'
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' 0 .4 2E . "" . +* ' 06 22.6 8 ,0"". * ' *' 0": 06 8 ,1*6 6/0 +*6 ' " ' 40* 3+0 6 *6 '
3+0 + .0 414 * .0 5**, 508 , 6. *6? ,7.0%0"*' (.6"0 + - ' E01 9 + - ' 2 &.9*0 '
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, : " 8 4 - * " .6 T5 8 ' +*4. - 0*6.' + 0: 0 6+*6+ ' + - 8 71 - * 2+8 * 6 656.'
4 5+6.6 1*0 .' : S." ' A+* ' .4 / - ' S ." ' G *6 " ' ,+ - ' *+"" 8 , 56+ .0 60 6 - 1* 8 '
+"" 8 .6 1 2+8 * .*.' ,.5 6.' .' 50 6 * ., .' * .*.2 " ' 4 - 5; 0 ' ?X@ "0*6 ' 06 *'
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- .<0 6.60 ' . ,0*""5*0 ' 0"" 1*0 .4 40/6 . - ' 0 ' 40 ,30* .' 1 - * .' 0*60*6 .* '
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+ - 0*6 ' - 14 8 ,40 - 56 8 ' 4+ - ' ""+ 4 . - 2+ 9 - ' 40 0 ' 3+1 ,. +8 4 : 0*40 0*6 '
,Q< .*6 ?71 , ' 1 2+8: 0 0 .6 8 + - 0* + - ' 8 *' 1,+"48 54*60 12: . - ' 0 6+ '
.63+0 50 ' 0*0"" ' 0: 4".6 +6 *0 9 .*+ .' 3+ 40 - ' 6.26 ".616 0" 3++ - ' +0 6 '
- .9*.' 515+". + - ' .4 - 6.6 1*0 ' 3+1 ,."+ *+8 0/' S4. 4.7. 8 .661* X+8 ,170 4 6 '
66,' - W / 0/ 5R. : 6 ' ."60 ' 0/' 71 0E' 40 " 0*8 ,5 - ' .4 "2 - 0 + 1, .6+ +8 60*40 0 '
.' 2.<+" 8 .09 0 06 4 6+8 .0 : * 6+8 0 6 ' $ *, 058 &061 ' 3 ' .6 02+ 9 0 .6 ' 0 . 6
0+ - ' 50 , 56. ' 012+ 9+ - ' : 0* 6 ' +6 ,* . - ' 40 0 - * ,0 6 +8 , 9*1",0 06<
, - 3+0 - 6d 0/ 40 50 .6 1 64? 0<0 61 ' 1 - * ."+6. ' 31 4 1 6. *40 - I .* - . - ' ?.'
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- , f]] ! $ ' ,' ; $ I 2) ') ## 3 # ' * ' " *4 ! # ') ') , / ' 2 5 ' ' &#F

'510*.' ,.5 6 8' 06' 21*1 - -' 1 - * + -' *' 018' .*, 6.' 3+ ,**3+0' 0/' + 8' +24 6 8' .4 ' ' .**1*. -' ".90"".*4. -' 06' 9 .:.*418' 5.+50 08' + - 0*6+ -' 5 .00 - 0 06' .+6' *60 ' :0 60 06' (50 6 + -' 06' 71 0*465 ' #' $ .9.0' / ' S." ' (5/6 " ' 5 0 3+0' *14+' : + -' *. X6+ ' 03+ 6.66 8' <+/6.' * - .+*6 8' ,14 12 + -' - .9*1' ,+ -' .91 0' 4 ,+ ' 0*6 8' 06' ,+ + -' 6 .70 6 8' 3+0 *' 141' 1, 0.6' 71 - *08')*0' 0.5 6 2+8' 03+02.*6+ ' 3+.0' 1 - * .' "+441' 9*0' 0/1 61' +2 6.' *90*6 8' 6+ 2 * 8' : ' 4 ".6.' 0:.*+0 +*6' ' E+<+8' 0 '50*08' , 561 08' 408' 0 61' ' *00' - +"61' 51 6' ' S." ' 46' 1" 8' . 50 6+8' 50 ' 1 - *0 -' " + -' 6 .4+*<' 6 6 8' +2 ,+*4+8' .,' .*9+ *1"0*6+8' + 6' $ 14 6+ -' 0 6 06' .'3+ 2+ 4. -' *' 4 6 1*0' 2 - 40* .5+4' J 18' 1 0* "0 #' 0/0+*60' .**1' . 9+ *0 - ?' 5"+ "0' ?

_ ' 1' 60 - 51 0' 1 , '51 6' 1"+6. - < 0:." .0' 12" 4 1*0 - J *".*4 . - A1.** 8' (+04' 09 8' 5 1: *4. -' * 0"" ' *.+4 6.' - - .* 6.60' 515+".6' +*6' *,0* 8' 4 ' 056 3+0 : 0 (A' 06' ." 3+16' - "" 2+8' 1 - * 8' 0/+8' 71 - *+ -' *' - 0 .2 "0 -' , : ' 6+60 -' .24+4 8' 3<.' 0' *1*' - 04 1, 60 ' ,1 - - 16 ' 0/60 ' 3+' 1 ,1' - " 6.60*6 ' 06' *' 8' 0 *1"4+8' ' 1".' 03+ 6+ -' 5 .0J04 +8' , +40" 6.60 -' 06' - 50 + -' ?0<+8' 50 1 +8' 0' ,+ -' A1.**0' +2 1' 06' ". 41' +""1' ,1 - - +* ,.6.' 40' 40 04 1*0' - +"' ,1*<+ .*6' 06' *0' " *0' ." 3+1' *"69*' .4*1 0' 4 0/03+0 476+ ' 4 ' "%1 5.61' 3+13+0' *' 5160 6.60 -' 04 90*41 ?' 06' , : 6.60' .' 1 , ' <+91' " 20 .*4.' ,1*" " 6 -' *0+*6 ' (04 ,+ - ' 0 *1"4+8' *' 01' *0926 1' 5 .0, 5 6.*6 1 ' 3+. -' ,.+ 1' *' + 20 -' ,+ - ?' 03+ 6 2+8' "+ 8' :0* "06' *0,.2' 155 4.* 8' E0 - .* 8' 3+ 550' 0' 9*. 8' .4<+:. 06+ ' : -' + 6 .' 5, 6' 06' .' + 2 + -' 5 .0" 4 1' 05+" +8' .,' ,.0 +8' 0/ 6 + -' + 2 ' ,+ ' " 20 6.60 -' 5. .2.6' *5 +40*6 .' +. - .6+ .: 6' 5"0 " 3+0' , : 2+8' .' +"(8' , +40" 60 ' 6 +, 4.6 8' .,' 21* 8' 0/' 0.' 5,,." 1*0' .' 90*60' 2. 2. .' 4 056 8' + 6*' +,,4 +8' &161' *1*' 0"51*4 "%06' +2 +. ,06' +""+8' ;1*' .4' + - - 18' 71*1 08' .' 1 ,1' 0:04A' +6' ,060 8' :1* 8' .4' 40 04 1*, -' .2' - 50 1' 0 $1"1*1' 0/0 - 5"1' 0"%0 6' 2' - ."0' ' ,1* 0 ' .4' (9 - +*4 + -' +9+ 6+ - A$1"1* .0' 090 -' 6 .*8 +90 +*6' . *' .0: 6 . -' 06' *' - *1,0*60 8' 0:0 6.60 -' + + 5.6. -' 0+8' ,. +' - 1/' ." 1' *" 9*' +"6+8' 0 6' . -' 0140*' 0 0' 60 - 51 0' 3+1' 7.0,' %1 5.6' .902.*66+ ' ' %.6. ' 90*8' :.9.' 06' *15 *.61' +0*8' 8' S 0 - 5 0," 1' 4+,0>' 3+' //' , ' 03+ 6+ -' ,,+ -' 6 .702.6' 1 ,1: . -' +" , ' - 50 ' - 06 155" -' :. 6 " - . -' + 20 -' 04' " 9*0 8 0 0' .04 ' , 8' ,1* 6.*60 -' +2 6.' +56 1*0' 155 0^ 0' /' S." ' A+3' 06' 9*0' *60 ' 56.0 ' 4.*4+ -' *<04 1' 616. *' 0 0' *,0*4 1' 40"0:0 0' 0/,056.' . ,0' 5 *, 5"8' 3+.0' ".5 0' 6 + 4.' 06' .* 5 ' 155 4' * 6. '5 + 8' , *902.6+ ' ,+ -' :061' 1 , ' .20+*60 8 , -' 5 .04.' %.6. 18' . 40*6 +8' * 03+0 0*6+ ' .' .6. 8' +90 0' , 04 6 8' , ,+ - :0*6' .4' +*+ -' 1 - *08' *60 04' +*6

' #' 0"9 1' "2.*+8' 02+8' <. -' +6" 2' : 402.6+*5.,.6 8' 40, - . -' : 0 ' - . -' 06' ,0*60 - . -' 50' . 1 + -' ' . ". - 1*6 + -' 06' 10 ,. - - *' + 902.6' ' 40' 3+ 2+8' ;. .8 .' :. 8 5 1: *, (:4 ,+"6.608' .,' ,1*6 1:0 " .8' 0/1 6.8' 3+ 2+8' 5160 46' .6 1* 2+8' + - - .' .47 2 6.' 04' A0;0 .' 5 +40*6"4' ,1* 51*02.6' A . - +8' 6 2+6 8' '5;1: *, ."08' ,1 - - 0 , + - \' *1*' - 04 1, 60 ' ".20 . . ' 4 ,02.*6' - - 1' 2 - * *1' *60 - 66 ' " 20 6.60 -' *0916 .*6 + -' - 504 ' 06' - 0 , + -' ,. 6.60' *4,' 0/1 6.' 1 0 +6' 15 , .'+0" 0*6' 06' . 6 ,08' .63+0' *0916 .61 08' ." 1' 0 - 9 0*6' 03+1e' ' .,, 4.6< 0"9 "1 0*6 " - .8 6161' 1 20 .,' 03+0*6 - .8' 06' 15+"0*6 - .8 ' 5 1: *, .8' .4' "+ - - ' 1" 6+4 *0 -' 06' R 15 . -' 2 0: ' 0 4.4+ -' ' "2.*+8' ,1*6 .' .*60' 1 - * .' 06' 0" 9 1* 8 06' 5 1: *, . + -' 0,+ 6.6 ' ,1 +"0*4+*.' ,1*60*402.6' 3+. -' * " ' . , 2+8' 5. " -' ,1* 6 +4 8' .,' - +* 6 1 2+8' 06' 5 .0 3*6' 6' 6 50< 4 + -' - 76 8' 50,+* .' - * * 0' ,1*"<. 0' . 02.6' 6' 40, - .0' 3+ 40 -' ?.0' : ,0 - .0' 3+. -

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5.* .' , 6 .' *0916 + - '06' ,+ - ' - * - 1' .9 ,1". + - ' *,1 - - 141' +2 3+0' 4050* '
4 6+ '$ 1: *, ." + - ',.+ . - ' *' 50, 0 - '6+02.6+ ') " ,.8' 2& 9" +8'=+ ,70 - +8'5 .0 ,8'
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66 "" 8' 06' ." 8'. 6 2+8' 5+9*.2.6' ' "2.*+8' *. - ' 1 0' "' *' 40, - . - ',1* 0*6 0*6 '
+6' "1*90' 9 .: 1 2+8' 6 2+6 8' 0/1*0 . 0*6+ ' (04' ,+ - $ 4' .2' 4 * 2+8' +/0"".8'
12' 4' ,1*:1,.6 8' - 506 . 0' *1*' 51" 06' .44 6.0' .4' < 608' - *.0' ,+ - '4 ,0 06' 5"+ '
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.2' 4 * 2+8' 40, 06. - '5 1 - +"9. '5 4' S."' (0/6 "' <+ " 06' + +8' *60 ,0 "0 0'
4 *08' 06' & 9" 1 ' 'V' (,706 1' .63+0' ." 8' 5 1 20 6.60' 5 1: *, . - - ' . - .* '
6 2+8' 4 *08' *1*' .2 1"+60' *' 40, - . - ' ,1* 0*" %0' - - 1' 7 *,' 50 ,+"+ - ' - '
- *0 0' *0',0*60 - +8' 0,+*4.0' 0/.4 1* 8' ." - - +8' 0,+ 06+ ' "2.*+8' 0/,.*40",,*8'
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5"' 515+". 0 8' .+6' ,1*6 .' .* - . 0*6' .+6' 4 "0*6 0*60 8' 40 0*40 0*6' + - ' *60 '
,18' *1*' ,1*:0* 06' 06' 4 *08' *+""+ - ' .5+4' "2.*+ - '9 .6 .a' "1,+ - ' 050 0*6'
71*1 ,. - ' ,9.6 1*0 - ' .4' $7 " 55+ - ' *' 5.* . - '40(0 *+*6' 09.6 ' 5 1 04 d'
,6' 3+. - : 8' .2' "2.*1' 0:1,.6' * 7 "1 - *+8' 0' 50 0/0 +*6 ' 61' 0:0*6+ ' *. - '
- 1/' 0/1 6' *1: ' 6+ - +"6+8' 5.,0 - ' *' 0"9 1? - ,+0 +*6' 1,' .**1' *0+*60'
0 - .**8' 8' + 60 +8' (":.4+,0* 8' 1" - ' 21. +8' * 6 61 ' : '5 1 - 56.0' .54.,".0'
150' 6 + - ' 2, 1 + - ' - ' 4' A.* ' .+ 61*0* 8' * 6 9.6+ ' ,+ ' ""0' 150 . - ' *' 1, '
,+"61' *.:.2.6' ' 1:0* 60* + - ' ,. 6 + - ' 3+14' l .4' ' E" : .0' 4+,0 - ' 50 6 *06' *'
.*9+"1' R 1 - - 0"0:0 4.0' * +".0' 3+. - ' ' 1 .' 06' h . .." 8' , ,.' #E1 ,70 - +* '
0" ,+*6' +2' :0"50 . - ' J .*, ,.*1 + - ' 50, 0' *9 0 "+8' ,.5 6' < ,.56+ - 3 0' 12'
6 +*,.61' . ,8' 5 .0 041' .,5 .0 4 1 5 1' 60 - 51 0' - .6+ - ' ." 3+.*4 +' 60*+ 6' 50'
.+/ " 1 + - ' 3+.0' ""' .' V' 0 90*"' ,1 - 60' + - - 66' 0/' ,1 - 5.41' 40202.*6' 41*00'
.' 140 ,1' B' %1"06.*1 ' 3+ ' .4' (":. - 4+, 8' 0 .6' - +8' 0 6' . 0*6 +8' $0 0.' ,+ - '
,,' ,"15506. 8' 06' /' . "%1571 8' +6' "1,+ - '5 15 +8' * 5 ,0 06' 06' 6' 1,,. 61' 0' *'
- .*+8' 4. 06' 0. *' - * .0' 5 .060 * 660 06' 8' +2' :0 50 . - ',. 6 1' .55 15 *3+.*8'
,+ - ' *+"".8' 6.6 1*08' 5 1' - + 8' ,0 *0 06' 6.6 - ' "1,1' : , *1' ,.".8' ,1 - 51 6. '
,+ .6' 06',.*." 2+8' 4+12+8' 3+ ' *60 <.,0*6' + - - 1' "0*6 1' +50 .6 8' ,.".8' - + 1'
.4 - 1:06' .*603+. - ' .'5 .0 64 . 8' ,1* 5 , '51" 06' 01 3+0' *6 .' . ,0 - ' ,1 - 50"" 6
1/' ' 1 - - 0" .' .4:04.' ,1"+2 *.' 6+ 0 - ' .50 6') *40' * 0 6.' - *1 + - '61 - 0* '
61 + - ' 4 "5"1 61*0' 40 0* 1 08' <.,+".2.*6+ ' .4' 0. - 3+0' - 506+' .41' 4 +' ,1 - *+8'
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. ,0 - ' 0:."0 0' 06' 12: 18' 5 .0 64 . 18' .4' +*+ - ' 1 - *0 8' *60 0,0 0' + 60 +8'
3+ ' *+"". - ' *' 404 6 1*0' 50 - ' 7.20 06' 6.6 - ' *' ,1*,".:0' 5+":0 0' 61 - 0*6. 1
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5- $ A1 ! #' - #)2' ^#% " $' '# & 2 # /#$ / ##6$ 8' 0 ## ' ' $
#, ! ## ' ,)$ " "] # #$ ', ' ' F # _ / $ 4' 9 3 #!$ ' I' "#' !' !'
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' 6 .6+6*' *9 04 6+ ' 1 - 57.0. - 3+0' . - 2.2+8' - . * 2+8' 60*0*8' 3+.' 0' *1*' " *0'
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9*0' *' 5+":0 0 - ' 50 ' +* ,+"+ - ' 3+0 *' ,6' - . *+' 60*02.6' .4' 4' 5. .6+ - ' *<041 '
5 0' : 1"0*6 .' 9* 8' 0*04+8' 0 6' 5. * 8' 3+ ' 5 15 1 08' 0 . *6' - .<1 0 - ' 5. 60 - '
. - 2+ 6 8' , , ' , .5+6' (": . - 4+, 8' ."".6+ - ' 06' 5."1' *' 1 1' +" /+ - ' 0 6' G+ '
, .56' , + - ' 01' +0 0' # *6(0 5 . - ' 404+4' ' 06' 5. 8' + 50*4 1' 5. 8' *' 5. 608' 3+. '
6+1 ' 04 ' : 6. - ' * :0 0' "7. *1' 40 *' + 90*60' .5+4' $7 " 55+ - ' +6' 2' +, ,0 "2 '
4. 06+ ' " :0' 4' " - +".60' .9, 06' 3+14' 6.' *' 5. * .' 40, 06+ - ' , 06' :0' 4'
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6157.9 6 40 - ' 0/504 6 1* 8' .341 ' 6+*,' :0 1' 0"9 ' 9+20 * .61 ' .' $7 " 551' 5 1'
+, .6+ ' 5 4' S." ' 4 ' 8' ,+ - ' . 041' "1": "06' .4:0 .' 4 +' 60 - 50 6.60'<.4.6+8'
6. *40 - ' *' "5. * . - ' ,+ - ' ,". "0' 0<04+8' 0 6' +2' 50' 5 1/ - + - ?.4' 5 1 04 1*0 - '
0/504. 0' ,1.4+8' + 6' +<+8' 40' 5 1 04 1*0' +2' *' 0"9 1' ,19* 6+ - ' 0 6' .' 1040 '
' 8' 06' 8' 3+ ' *' 1, ,+"61' ""1 + - ' 02+8' . :02. *6' + - ' "2. * + - ' 6.6 - ' 0' 5 1: *, .'
4 ,0 "+ + - ' 5 1: 40 0*6' .4' 08' 6+ 2. *4.8' ,1 - - 14+ - ' 60 - 5+8' * .4 ' . * - + - ' .4'
< , +*6' 06' *1: .' ,1* " .' *60 ' 0' ,1* 0 +*6' E+" 0" - +8U + - .0+8' . , .0' ,1 - 08'
- " 6. 2+8' +*4 3+.3+0' 06' 0/' ' 6. * * .' 5 .0, 5+0' " .2067.0' 20*0 , 1' U1.4 8'
,15 8' *' .6. :18' 0/ ,0*" 1*0 - ' - 5 1: 1' . , 6' 06' * +".8' ." 3+16' " 61 ' 5 .060*6.8'
1, ,+5.6' . ,' 8 0". - ' - "* 6 "" - + - ' * .6. : 8' 155 4+ - ' S." ' 5 ' , .5 6' .4' ,+<+8'
0 ' . - . - ' 06' 5"0 .03+0' ." . ,' * +". 08' + 208' : 1"0*6.8' "2. * ' 0/ .4 1*08' 50 6.0 .0'
06' 5 1 - ".0' " 20 6.6 8' 4+",04 *0' *0 , .6.0' .4' 1040 .618' 40 0,0 0' &0 + 5' 7.0,'
.4' * 03+0760 - ' . **+ - ' 50 6 *0*6' UP ?

' #'% ' ' *' (,16 .' *1:+8' 5 1 0/' .4' : S." ' J02' ,1*:0*6+8' *4 /0 .6'
3+18' 51 60.' *' . + - ' 03+0*60 - ' 4 6+" 6' *4+, 8' %0 - 50' .' ' (+ "0/ 1' 5 1 19.6 8'
3+ ' :0' ' 1 1", ' , .+ .' *1*4+ - ' 1 - * *1' 405"1 .6. ' " :0' (,16.0' , .56 : .0' 40' ,+<+8'
04 6+' *1*' 40 50 .2.6' 51"" , 6.6 1* 2+8' *4+4+8' * "" +8' .4 1* 8' 5. 608' 5 1* 1 '
, 0402.6+ ' ' ,+ - ' :0 1' +2' 4' 60 - 5+8' . - "61* ' *' , .040 - ' 2 0: * ' 50 ,+"%1 2+8'
- +"6 8' + 6 .' +21 * .6 8 $. "06 6+ - ,+ 614 2+8' 0<04 8' 1, ,+5. "0*6' 06 4 - 5+*,'
1 0' *' 6. *6.' " ,0 6 .' 2' 50 +. 60*6' 5 1 0/' ,1* 0 6 - ' 01' 4+, 6' . - . *4.61' 1* '
J02' *' *9" . - ' 1 61* 1' U$ 6, . * 1' 06' A. ,121']' . ,9 "" 1 ' 3+ ' ,+ - ' "09.6 8'
0/60 *1 + - ' 5 *, 5+ - ' 40' (,16.0' 1. + .' 4 ,056. 0*6' " ' ,+ - ' .4' /' S." ' . 6'
1*4 *+ - ' :0* 0*6' *' ,1*, " 1' 40"041 + - ' .2' " .2067, .' .+4 60' +*6' $1"' : . . -
4 5+6.6 1*0 - ' 4+1' , .5 6.' .2' *9" 8' 5 151" 6.' +*6' +6 0 + - ' .' (,16 8' ,1*6 .' 0'
9 * . - ' +. - ' 90 6. + *' , .+ .0 . *60.' .' ' 1 . : 1. "".6.0' 6. *' 0: 40*6 2+8' . 9+ - 0*6 8'
,1* - . 0*6+ ' +6' 0.8' + " 0' :0 .8' . ,' <+ 6.8' 5' .' " .2067.' 50 +. + - ' 7.20.6' 06'
." 8' .6 1*0 - ' 051 ,0*6 2+8' 71*0 60' 0 51 49 ,' 51" 06' L' 3+14' ' - *+8' 51 "0*6'
.6 1*08' * 0*6+ ' 3+ 2+8' 7.0,' 4 ,1 4 .' 71*0 6 8' ,1*4 6 1* 2+8' ,1 - 51*0 06+ '
4' 7.0,' "09.6' ,1 - - 0*6. + - ' , 56+ - ' 0/7 20*6' 3+1' *' 5 .0 0*8' 1 - " 8' . 9+B
- 0*6 8' 06' 5 12.6 1* 2+8' . *60.' .' 1 . : 1' ."".6 8' 3+ 2+8' 40' 0 ' :0 6.60' 5"0*. - '
40 - ' .4. - ' . 02. *6' <+ 0' 0' 0, "0' 1 60*402. *6' +6' *' 09 * . - ' 5. , 4 ' ,1*: 4. - '
06' 09 .' 5160 6.60' .4 ' 1 - *0' ,0"+8' .2+60*60 - ' 6. *6.' "0* 6.60' . * - .4:0 60 *6' * . - '
06' 1" - ' 0908' *' (,16 .' - 1 6, ' : *,+" 8' 0/ " 1' 5+* 618' 0/' . **." + - ' - 1*+ - 0*6 8'
,1* 6. 0<' +6' *0,' :06+8' - .<1 + - ' ,1* +06+41 ' 3+14' 40' 09 * .' 12< , 6+ ' *1:+ - '
: 40 ' " * .6' *0,' - 140 .6 1' 510* . ,' * : 4 1 + - ' (,1618' " 20 . - ' .2' * 6 1' 90*60 - '
0908' 01' <+ 0' 2' , 0. : "0' +6' - 50 + - ' 515+" ' + .9 8' 0 8' - . *4.6+ - ' " ' 08
51 ,0 06

. ' ' G 1 ' ! # ' % ' ' * !#)' !# 2!' $' 9 !$ #/ ! #"$
)' ! "! # ' !' 8$' +' !' >' * ' ' !# "
' 2- !,)$' 2' ' $ /2 9 / $' 2 $ E "#' ' ' /' ' '
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51 ,0 06 ' 0 40 - ' + J .9 8' .4 - ' 51 06 ' 0<+8' 0 ' :0 6 9 .' 06' *' 09+ - ' *.+9+ '
.*41 + - ',0 0 - 1* 8 ' 06' *'57;". ,71 + - ', 0.6 1*0' .47+,' - .*, ,' 43+0' 0/6, * 8'
0/0 - 5" 8' E .0,1 + - ' 06' 1 - .*1 + - ' ,1* - . ' 51 ", ' .44+41' 0,0*6 ' 7 6 0 *
.* ' 09*1' 0/ .4 ' 0/0 - 5"1 ' 06'A1.**.0' .91* .0' . 1" ' :' 5. 0*6 8 ' 3+.0' 5 1560
. J04.6.8' 0,+*4.8' *+56 .8 ' 3+14' 06' 4 : * 8' 6' 7+ - .* 8' "09 2+8' 5160 .6 ' . - 0*6 .0
5 .060/6+' : 6. - ' *' 50 506+.' ,+ 614 .' 0/09 6 ' $ 1 *41' ,' ,1"" 9,2.*6 ' " ,0 0' .,
,+ J0' 0 - 50 ' 6; .**1 + - ' " ,0*6 . - ' +5 .' .8' 06' 1 - *0' "09+ - ' - 50 + - ' 0' , J0
0*6 + - ' ,10 ,0 0' ' *0,' 018' .+4 0*418' 0 J0' 3+ ' 6; .**1 + *' ,. 6 9.6 1*0' 21*1 + -
09+ - ' .+41 6.60 - ' - - *+ ' 06' - .<0 6.60 - ' : "0 00 0' <+/6.' - 5 +40*6, ' 06' .4+
".61 0' 2".60 .*6 ' 041' 0 561' " .2067. ' ,+ - '0<+8' " 20 6.60 ' +6' 5. ' 0 .6 ' *1*
- 04 1, 60 ' ,1 - - 1:0 06+ ' 06' 0/0 - 5"+ - ' 02+8' *' *9" .' *1*4+ - ' 20*0' 5.,.6 8
:0 0 06+ ' * 6.*6 2+8' "09.6 8' 6.*40 - ' 0 51*4 6 ' +1' *1*4+ - ' .* - 1' .6 8 .4+ -
. 9+ - 0*6 8' 06' 0/0 - 5" 8' .2' 0 8' 5 1".6 8' ' *03+0' :0 1' 0' .6 1*+ - ' .,' 4 5+6.6 1*+ -
7+<+ - 14 ' 5".*0' +40 - ' 0"J0' +6' 3+.0?' +50 1 8' 60 - 51 8' 5. 60 - ' +4 1' "09 1*
- 50*40 6' 0" 3++ - ' 0 "0 ' +6' .4' ."60 + - ' 5" 8' 5 151""6+ - ' ,.5+6' 40:0* ,6+ ' 06
!)' 15 0*4.0' 4 01 4 .0' * 0*6+ ' *<04.' +0 .6' - 0*6 1' 40' 090' (,161' 5 1
" .6 0' 5060*41' 12" 40' ' 04' 4' .' (^@6 8' - 506 . ' 51"J0' 508' *1*' 0 .6 ' 6" ' .+60 -
,.' 0/504 6.' 0 .6' .6 1' (,16.0' 0/' " .2067.0' - .* 2+8' 0/ - 0*4.0 ' 6. - 0*' E."" ' 3+
(,16. - ' 20 6.6 ' 0 6 6+ ' ,+5 02.*6 ' 090 - ' *9" I ' 404 ' < 1"02.*6 ' 60 ' 7.8' ."60
,.6 1*08' ." 3+16' 4 08' *+6 " 60 ' 0/6 .4 ' ,+ - ' *+"".8' 0' ,1*4 6 1*08' .,, 50 0' "09.6
51"%0' 1 60*40 0*6 ' 3+ 2+8' 09 8' 5160 6.8' *' . 4+ - ' ,19, 06+ ' 06' 09 *.' ,.56 :.
+. - ' ,.+ . - ' *60 ' +2<0418' 6.' 6 .4. ' 9 .: "" - 0' 0 0' 50 ' " 60 .8' " 9* ,. 06'<
6.*40 - ' 0' * 04.' "09.6 ' 4 - ' + * 6 " .2067. ' 3+.0' .* - ' .*/ .' ,1* " + -
02+8' + 8' 0/' 0:0*6+' ,.50 0' ,+50 06 ' 3+5' 60 - 5+8' 4+,0 06 ' 0/' + *' 2 ' : 4, ' 6"
,02.6 ' 06' 6.' 40"09.6 8' 50 +." 6 ' +6' .2' +6 .3+0' .4 1*0' 71 - *08' 40" 90 0*6+ ' 3+
0 ' ,1 - 51*0*4.0' 150 . - ' 4. 0*6 ' 3+14' 0,+8' *60 5 06.6+8' 1"%0* 8' 4 0 0' 1",2.6
*1**+""18' *9" .0' ,1* " . 18' " .2067.0' 5 +40*6 .' .2+6 <' 5 *, 508' .+60 - ' 0/
60 *18' . .0' 5.6 0*6 . - ' "+4 ,. ,' 06' (,1618' 5,' 4. - *1 .' ".4. 0 ' 6.3+0' (,16.
6.*6. +* ' "+4 ,.6 1*+ - ' - 5.6 0*8 ' ,+ - ' : 40 06' *60 0.' 5 *, 508' .4 1* 8' +.,
9 .: 2+8' 4. - * 8' *' " - 60' . " 418 ' 5"0 1 3+0' *4 9*.' - 1 60' .4 0418 ' . ,08' +2 3+0
*60 ,056.8 ' *1*' +"60 +8' 0/504.*4+ - ' .6.' # E.""1: 4 0* 0 - ' 5 015+ - ' 06
0: 61* + - ' 0:1,.6 ' , 1"J0*"' 1*4 * ' - .*0 0' <+"J1 ' .63+0' .4' +18 ' +6' *+"".
*4+, . + - ' 7.2 6.' .6 1*0' . - .' ,.50 0*6 ' 06' *<+ .8' ,1*6 .' <+8' "".6.8' : ' .50 6.
050""0 0*6 ' 0506 6 8' *+*, 8' 50 0 2 6 ' 5 .' .4' 0/6 0 - .' ,1*") .' 40 00*4 6 ' 06
50 ' ' ' 41" + - ' 3+ ' +2' 4' 0/' 6." .' 1*4 *+ - ' 04 0 .6 ' 1 "0*" 8' 06' U' . R0
.2' 05 61" 8' *60 :0*6+' ,+ - ' ' 1 1", 1' .9 6 ' 06' : 1' 90*0 1 1 ' 04' " - 5" , ' 06' .2
1 - * ' +,1' 06' *03+ 6 .' ." 0*1 ' 40' +6+ 8Z*60 ' 5 18' *+56 8' 40 - ' 12" 9.6 ' 0 56 8
. - .61 8' " 60 8 ' 06' - "%1' ,1 - - 0*6. 1' 1,,+"6 8' ,7. .40 2+8' 0/. .61 ' 3+1' 0
50 .90*4.0' 06' " .2067.0 ' 3+14' 5 .0, 5++ - ' 0 .6 ' *60 , 5 0*4.0' .6 1*04' 0/5" ,.
2.*6+ ' + - ' 1 1", +8' 5 - 1' 7.0 0 06 ' 41" +8 ' 3+1' *+6.*60 - ' - 5,"", ,
2' 50 ' / :' .**1 + - ' 5.6 + - ' 3+18' *' *9" .' ,1*6 :0 .6 ' 50 504.' *9"1 + -
90 .' 4 , R ' *. - ' ." 18 ' 3+ ' . .' 09 *.' .+41 6.60' 06' 9 .6 .' 51"",2.*6 ' *+*,
3+ .' *+""1' +*6?' *+ - 0 1 ' 02+8' *1: 8' 6+40 0 ' ." 18' - .<1 + - ' 0" 9 1*0' .44 418
0<+ 3+0' " 20 . - ' 5 1 0 1*0 - ' .40 - 56. - ' - 10 0*60 8 ' ." 18' 40* 3+0?' 02+8' .,, 8
0/' 20""1 , : " ' +2" 4 + - ' 3+.0 0*608' - 16++ - - .60 . - +*4 3+0', ,+ - 5 ,, 0 ' 06
7 8

. ' ' /' 2 ' * !# ' 5 ' ' - ! ! ' "' #/ ' ! #)' * ' ' 21'
' , # ! ' ' % ' ! # ! ' 7.0,' .90 0*6+ ' $. "06.*.' !# ' ' 1' 4
$ ' 2 ' 9] $' 2' $' ' , ! !$' 525' !' ' , * :' ' 0)$' 20 $'
55 3 $' 7' ' ' % 3$

ˁ 7 8ˁ *1*ˁ .* - + - ˁ .4ˁ .+40*4+ - ˁ 04ˁ 4+,0 - ˁ 0ˁ *12 " 6.60 ˁ 50,+* . - ˁ ,6ˁ 0/60 *+ -
ˁ ˁ . / " + - ˁ 400 0ˁ 4+,0 - ˁ 5 ,ˁ 0ˁ 5 .020.6ˁ ,060 .ˁ *03+.3+. - ˁ .2ˁ 5.* 8ˁ E.""8ˁ
06ˁ 5 1ˁ 51*6 00ˁ 40 +6+ .ˁ <. - ˁ ,ˁ .+ 01 + - ˁ ˁ ,+ - ˁ 5 1 , 56 1ˁ +50 1 0ˁ .* *1ˁ
5+2" , . 06+ ˁ *ˁ - .*+8ˁ +.8ˁ ,1* 9*.6.8ˁ 3+1 + - ˁ 5 60 - ˁ *60 ˁ *9"18ˁ 5 1560 ˁ
0" 9 1*0 - ˁ 0/+".*60 8ˁ 4 6 2+0 6ˁ . ˁ # . Z ,+ - ˁ "0/ .0ˁ 51 6+ . ˁ *ˁ 3+1ˁ 4+/ˁ
- .9*.8ˁ 1508ˁ 06ˁ ," 0*60".8ˁ 7.206ˁ 5 1/ - .ˁ . , 6.60ˁ ,+ - ˁ 4+/ˁ 04 *.0 ,10" ˁ *ˁ 0"9 + - ˁ
40 ,0*406ˁ , 6 .ˁ + 5 , 1*0 - ˁ 03+ 6+ - ˁ :ˁ, 1 ˁ 504 6+ - ˁ : , 0/51* ˁ 51 0ˁ 6ˁ
3+ .ˁ - 60ˁ 06ˁ .03+ 6.6 8ˁ 5"0*+ - ˁ 1 1", ˁ *90* + - ˁ *1:0 .6ˁ .ˁ : ˁ 06ˁ 1 - * ˁ ,1*6 .ˁ
09 *. - ˁ +. - ˁ *<+ .ˁ - ./ - 150 0ˁ .271 0 0 ˁ 71,ˁ 60 - 50 . - 0*61ˁ *0916 + - ˁ 0/ ˁ
504 ˁ 51 0ˁ 4 ,02.6ˁ +6ˁ " .2067.ˁ .4ˁ 0, 5 0*4. - ˁ - .<1 + - ˁ 0" 9 1*0 - ˁ .+6ˁ 61"0?
.*4. - ˁ .":.40ˁ,060 1ˁ - .<0 6.60 09 .ˁ .4 90 06+ ˁ 06ˁ *+56 8 . *0ˁ ,+ - 1 1", 1ˁ
3+ ˁ 40 ˁ 4.6.0ˁ :0"+6ˁ 12" 408ˁ 0 0*6ˁ . 0* + - ˁ 5 .020 06ˁ + - ˁ *0ˁ 71,ˁ 3+ 40 - ˁ
5". ,0 06ˁ 06ˁ " 20 .*4.0ˁ . *0ˁ ,1*.6+8ˁ 50 ,+"1 +8ˁ : 40 06+ ˁ . - 5" +8ˁ 40" 20 .*4+ - ˁ
,3 + 6ˁ 1 1", +8 ˁ 510* 60*6 .ˁ <. - ˁ +20+760ˁ ˁ 06ˁ " 60 8ˁ 4+, . 8ˁ .4ˁ . . - ˁ .ˁ
%7+ ,1ˁ :060 .61 0ˁ 12".6 8ˁ 3+1ˁ - .9 8ˁ 0+ - ˁ .4ˁ .4 ˁ ,17 , 0*6 . - ˁ 12" 9. 06ˁ +2 ˁ
, 20 0ˁ 0,+ .: 6ˁ *60 0.ˁ ,1 - - ,*6. + - ˁ .2ˁ 01ˁ ."".6+ - ˁ ˁ 9 1 4 1ˁ . - .*+0* ˁ
E1 - 2+ 0*4+ - ˁ 6 .4 4 6ˁ .2ˁ ""1ˁ * 7 "1 - *+8ˁ <.* ˁ 6+ *ˁ 40ˁ *4 , ˁ 5 .0 - 1ˁ ,19 6.*60ˁ
50 4 1 0ˁ +2ˁ 61 0.ˁ 1, ,+"6.6+ - ˁ ˁ 3+< 51 60.ˁ 405 070* +8ˁ 4 2 .0ˁ .47+,ˁ ,1*<+ .6 1* ˁ
5"0*. - ˁ 40 - ˁ 0, 6ˁ 06ˁ 9 ˁ 1 1", 1ˁ 50 * , 0 - ˁ 51 6 0 - 1ˁ .66+" 6ˁ *60 ˁ 7.8ˁ
,1* " 4.*6ˁ - 1"0 6 .8ˁ 1 6+*.ˁ 0 8ˁ "+4 ,<.ˁ.4 - ,0*8ˁ " .2067.0ˁ ""+ 6ˁ - 0*6 1*,ˁ
40ˁ 0* , ˁ ˁ *4 + - ˁ 4+, 8ˁ ,1*<+9 1ˁ *<04. ˁ 09 *.ˁ 5. 0*8ˁ .5+4ˁ *18ˁ :161 + - ˁ
* - .ˁ 10 - *. ˁ :0ˁ 09*.ˁ " 8ˁ 3+.0 0 06ˁ :0ˁ +6ˁ *9". - ˁ .ˁ ,19 6.6 1*0ˁ *+56 . + - ˁ
,+ - ˁ .:. .0ˁ 5 *, 50ˁ 40ˁ 3+ 2+8ˁ + - 1 ˁ 0 .6ˁ 0:1, . 06ˁ 0.40 - 3+0ˁ 150 .ˁ $ 1 ˁ
60 6.*6 2+8ˁ 5, - ˁ .+/ " 1 + - ˁ 0/ˁ *9" .ˁ 5 .0, 40 06ˁ 50ˁ 2ˁ .+:0 0 + - ˁ 1 .61 0 - ˁ
++ - ˁ 06ˁ $.+"+ - ˁ Uˁ J1/ + - ˁ ˁ ˁ (." 9*. ,+ - ˁ 16. 0*0"1* + - ˁ 06ˁ ,1" ˁ n G ˁ
- 1: "". - ˁ . ,.*6 + - ˁ 0/6 .ˁ 1 4 *0 - ˁ - 18ˁ ,1*4 6 1*08ˁ 5 151*0*4.8ˁ ,+ .:0 .6ˁ
+ - ˁ 40ˁ ,060 8ˁ ,1*: * 06ˁ *ˁ , .5 60ˁ 40ˁ 0" 9 1*0ˁ +6 *3+0ˁ ."60 , .6+ - ˁ 6ˁ 06ˁ
3+.*3+. - ˁ *ˁ 1, ,+"61ˁ * + + .6+ - ˁ 0 .6ˁ *4 + - ˁ .ˁ $ 16, 6.*6 + - ˁ 0" 9 1*0ˁ *1*ˁ
6.ˁ .271 0 0ˁ 3+ 550ˁ .ˁ J ˁ ˁ . *.:."061ˁ 04+, .6+ - ˁ 3+ ˁ .2ˁ 0.ˁ *1*ˁ ." 0*+8ˁ 5+6. ˁ
2.6+ ˁ 6. - 0*ˁ ,+ - ˁ - *+8ˁ 40ˁ 0ˁ ,1*6 1;0 60 06+ ˁ 40ˁ :0 2 8ˁ 3+ 2+8ˁ 4ˁ 50 , 20ˁ
06+ ˁ *60 ˁ 5. 608ˁ ,1*:0* 0ˁ *1*ˁ 516+ 6ˁ +6ˁ .55. 0 06ˁ *ˁ 50, 0 - ˁ +6 *3+0ˁ .4ˁ
*0916 ˁ 4 ,056.6 1*0 - ˁ :0*6+ - ˁ 0 0ˁ ,060 + - ˁ *0+6 + - ˁ 0 - ˁ ,1* 04. - ˁ :1"+ 0ˁ
(,ˁ 0* - ˁ <.4.2.6+ ˁ *1 6 8ˁ .6 8ˁ 0 0ˁ ˁ .4 * 6.60ˁ " .ˁ ,1*6 .4.ˁ :0" 1 60*6.6.ˁ
1, ,+"6.0ˁ ,+*/ˁ .:. 1ˁ .,ˁ $ 160 6.*6 2+8ˁ ,1 6 1*08ˁ - 504 0*6+ ˁ *9" 8ˁ :0 1ˁ 4ˁ
0/ˁ 0.ˁ ,1 - - 14 ˁ :0* 0ˁ +6ˁ $ 160 6.*608ˁ .ˁ 3+ 2+8ˁ 3+16 4 0ˁ - 51 6+* 8ˁ 0 ".9 6. ˁ
6 1* 2+8ˁ 2" , 6.2.*6+ ˁ 090 - ˁ 0<+ 3+0ˁ - .6 0 - ˁ 06ˁ .6 08ˁ .03+ 1 08ˁ 7.20 0*6ˁ
(,16. ,ˁ 508ˁ * 3+.0ˁ * *90 0*6+ ˁ 06ˁ 20 *1 + - ˁ ,1*<+ .6 1*08ˁ "5.*1 + - ˁ 06ˁ
51*6 , 8ˁ 15 2+8ˁ +2* / .0ˁ 0: .*0 ,0 0*6ˁ #40ˁ ,060 1ˁ *ˁ " .2067.ˁ *+20*4ˁ 40 40ˁ
+ - ˁ :."40ˁ 0 - +67ˁ 0 0ˁ < 3+ 550ˁ 3+.0ˁ 6.ˁ *ˁ .* - + - ˁ *4+/0 6ˁ 5+2" ,.0ˁ 0ˁ
- .9 8ˁ 0/504 60ˁ +6ˁ *+2.6ˁ 3+. - ˁ 3+14ˁ :0" 6ˁ +"6 1ˁ *+20 0ˁ 06ˁ 6.ˁ ˁ 0 ,0 6 +8ˁ 3+ ˁ
. , .*18ˁ 0<+8ˁ 60* +8ˁ *1:0 .6ˁ .4ˁ h ." *97. - + - ˁ 6+*,ˁ .5+4ˁ *18ˁ "09.6+ - ˁ , 5 6ˁ
+ - ˁ 7.0,ˁ .9, 0*6+ ˁ $. "06.*.ˁ 6+ 8ˁ .2ˁ . - "61* 8 1, ,+5.6.ˁ .4ˁ 5 - + - ˁ 5 1ˁ
09 8ˁ .4:0*6+ - ˁ .3+.ˁ .:0 .ˁ 404 6 1*0 - ˁ 0, 6ˁ 06ˁ E "20 6+8ˁ S0* *0[illegible]4+8ˁ 3+ ˁ 09 *.,ˁ
5. 6, 8ˁ 7+0ˁ + 3+0ˁ 0,+6+8ˁ +0 .6ˁ 4.61ˁ 12 40ˁ +* ,1ˁ .6 0ˁ Vˁ (60 " *+ - ˁ 0ˁ :0*6 + - ˁ
51"" , 6+8ˁ 0 6ˁ ,+<+8ˁ 0/0 - 5"+ - ˁ 0,+6ˁ +91ˁ U 1*91 - 0 +8ˁ 9" *61* ˁ 31 - 08ˁ 06ˁ
120 6+8ˁ ?? 14 +8ˁ .4ˁ 5 1 090 - ˁ :0*0 +*6

Lˁ ˁ

.#ˁ .5 0 0 ˁ 21] /ˁ !ˁ ˁ &$ 1 $ - ! $ 2ˁ ˁ , ˁ ˁ Iˁ Iˁ ˁ (&$ 2 ˁ 2
! ˁ ˁ ˁ ˁ #/ (! , !$ 9ˁ ˁ 9 5" " 2ˁ ˁ ˁ / !#$ ˁ, ˁ ! , #ˁ ˁ "#ˁ 2
$ 2 _ " / "$ ˁ /ˁ a#! ! $ / # ! $ ˁ ! " ˁ " # ˁ ! !$
#ˁ ˁ ˁ $

ˁ #ˁ PP

ˁ 7.0,ˁ5 1 0/ˁ0/ˁ03+ˁ".5 +9 .: 60ˁ. "4+8,+-AE". ,+.-ˁ ˁ
04 "06ˁ 508ˁ0ˁ.ˁ9 09. 1ˁ- "60ˁ+/1 8ˁ*<+ .ˁ.ˁ J".- *1ˁ"1,ˁ5 .0 041ˁ: 98ˁ ˁ ˁ
,.0 .0ˁ.,,0* 1ˁ 0, 50 .*4ˁ,ˁ 6.**14+*ˁ .4.ˁ0 6ˁ 40ˁ0+<+8ˁ. ,8ˁ< 6+ˁ06ˁ *.6+ .ˁ
.*60ˁ1 - * .ˁ4 ,0*4+-ˁ0 6ˁ ˁ,1* "+0*60ˁ2ˁE"166.0ˁ06ˁ 0: *ˁ "+* *+-ˁ5".* 6 08ˁ
ˁ5. ")+-ˁ 5.6"1ˁ.4ˁ: , *1 +-ˁ -1*6 +-ˁ .4 ,08ˁ51 9 6+ ˁ *ˁ 5 1ˁ.+60-ˁ.*ˁ
9+"1ˁ+2ˁ .- *08ˁ ,1* "++*6ˁ +508ˁ 2 ,058ˁ ,1* + 9 6ˁ 3+.0ˁ 6 08ˁ 50 0** 8ˁ .3+.0ˁ
1*608ˁ7.206ˁ ."60 5 - ˁ0<+8ˁ,1 *+ˁ3+14ˁ .R +8ˁ .661"" 6+ ˁ , 40*60-ˁ 504.6ˁ 3ˁ
+- -13+0ˁ:0 6 ,0ˁ 50,+".-ˁ7.206ˁ"1*9 "" - 1ˁ *ˁ1 - *08ˁ5. 608ˁ5 1"504+ˁ< 5.+"1ˁ
7+- "+8ˁ .4ˁ1 6+-ˁ:0 9 6ˁ *60ˁ3+.0ˁ4+1ˁ,1 *+.ˁ3+14ˁ *ˁ 0560*6 1*0-ˁ06ˁ.9 18ˁ
:0 43-ˁ0 6ˁ".6+8 ˁ9 .4 2+8ˁ50ˁ12" 3+.-ˁ +50-ˁ71- - *ˁ *4+ 6 .ˁ.,ˁ +- -1ˁ".21 0ˁ
ˁ ./1ˁ5 .04+ 5ˁ 06ˁ3+14ˁ:ˁ ,1 .4+-ˁ +" + 0+-ˁ141 0-ˁ0/5 .6ˁ0/, 8ˁ.4 6+ ˁ
.*9+ 6.ˁ .4 - 14+-ˁ 0- 6.ˁ +6ˁ : /ˁ *9+"ˁ50ˁ0. *ˁ0* 6ˁ51 "*6ˁLˁ *ˁ +50 1 0ˁ. ,8ˁ
5. 60ˁ ./+-ˁ *90*8ˁ 6.ˁ ,060 .0ˁ +5ˁ ,1.9-0*6.6+-ˁ +6ˁ ,1 - - "+ .ˁ*1*ˁ .55. 0.6
0 4 1*."0ˁ".6+8ˁ 3+14ˁE"166.ˁ.""+ 6ˁ *ˁ +- -1ˁ5 .0,058ˁ5.+".6 -ˁ- 6ˁ<+91ˁ40ˁ
,0*4 6ˁ 06ˁ 0/60*" 8ˁ+6 *3+0 2 .,7 8ˁ ."3+ 4ˁ 1"ˁ.-5"04 6+ ˁ3+14ˁ06ˁ .04 , 8ˁ
03+0*6 2+8ˁ 6 .* :0 1ˁ1 4 *0ˁ"1,+ 7ˁ5 .0206ˁ 06ˁ< 6.6 1*0-ˁ*.: +-ˁ6+6.-ˁ5 .0ˁ
4. 8ˁ 044 6ˁ .,ˁ - *1 2+8ˁ"0-6 8ˁ.4 6+-ˁ.4ˁ 5 6 *ˁ. ,8ˁ51 6.-ˁ ., 6ˁ -04 .3+0ˁ
+50ˁ3+.ˁ. ,0*4 6+ ˁ.04 , 8ˁ1,,+5.6.ˁ:0"+6ˁ."60 .-ˁ. ,0-ˁ.ˁ*50 1 0ˁ 05. .6.-ˁ
0 ,6ˁ 0: *+8ˁ 06ˁE"166.ˁ.2ˁ1 6*ˁ06ˁ -, 4 0ˁ. ,ˁ 1 ".8+-ˁ: ,0-ˁ +55"0*6ˁ".6+8ˁ
1 0*6."0ˁ.0 6+.*60ˁ - . ˁ.""+ 6+ ˁ3+1ˁ 0,040760ˁ5".* 6 08ˁ*1*ˁ. 0*1 .ˁ04ˁ,10*1".ˁ
1"1ˁ5 *9+ˁ *ˁ "+6+-ˁ 1"+61ˁ 4 J+*4 6+ ˁ0.3+0ˁ61 0*6 2+8ˁ0ˁ -1*60ˁ: , *1ˁ5 .0ˁ
, 5 6.*6 2+8ˁ *60 , 4 6+ ˁ /ˁ 1" -ˁ ",".6 .ˁ4 4.ˁ51 60.ˁ.ˁ(,16 8ˁ 3+ˁ5 +8ˁ
.ˁ 61* 2+8ˁ 0: *1ˁ.-*0ˁ4 : 402.*6+ ˁ3+14ˁ *ˁ * 2+8ˁ 61*+-ˁ -+* -0*6+-ˁ
51 6+-ˁ0 "06ˁ 6.**14+*+-ˁ.550"".6.ˁ+ 6ˁ . *ˁ60*02.6 09 *.0ˁ*1 - *0ˁA1.**08
J".- * +8ˁ< ,6ˁ 50 ˁE+ .*18ˁ 09ˁ50 +. 0 .6ˁ 0ˁ (,16 .0ˁ:0"+6ˁ,1-50408ˁ60*0 0ˁ<
06ˁ 3+.*3+.-ˁ,".*40 6 * 8ˁ 1040 2+8ˁ (,16ˁ *Q *9"1 +-ˁ5. 608ˁ +6ˁ 5 ,ˁ. 02.6ˁ
.2 "0*6ˁ -.9* , 8ˁ:0 2 8ˁ 0:0 .2.6ˁ3+.*41,+*3+0ˁ E."" 8ˁ.2ˁ." 8ˁ20"" 8ˁ16 +-ˁ
+55060 06ˁ * 14 , 8ˁ.+/ " 8ˁ.3,056 8ˁ616+-ˁ 09*+-ˁ ., "0ˁ 0ˁ *ˁ01 +-ˁ5160 6.60-ˁ
L04.4+ +-ˁ 4ˁ0+-ˁ5.+"1ˁ.*60ˁ"09.6+8ˁ.ˁE+ .* 8ˁ +0 .6ˁ&0 .,+8ˁ ,+-ˁ -14R.ˁ
50,+* .ˁ3+.ˁ5 .0 4 . 18ˁ+6,+*3+0ˁ ."02 6ˁ 6+*,ˁ:0 1ˁ50ˁ *4+, .8ˁ .,,040*60ˁ
5 1 0 8ˁ .4:0 ".ˁ ;."06+4 *0ˁ 06ˁ 0,0*60ˁ . ,8ˁ 4 -2+ 90* 8ˁ40 04 1*0ˁ 1-*.ˁ
0,+ 0ˁ *ˁ ,.ˁ .902.*6+ ˁ $ .0- +8ˁA1.**08ˁU +* 9. - +8ˁ,+-ˁ03+ 6.6+ˁ3+0 *ˁ
L-1/ˁ%71-.8ˁ ˁ . 1 4 +8ˁ,)-ˁ504 6.6+ˁ +2 0,+6+8ˁ 0 6ˁ +-ˁ.4ˁ8ˁ +-2. +-ˁ
,1*:0* "0*6ˁ ,.".8ˁ;060 +-3+0ˁ .55. .6+-ˁ0/504 +*6ˁ06ˁ,+-ˁ4+/ˁ ""0ˁ 6 *0 8ˁ
40ˁ3+1ˁ4 / ˁ 0ˁ5 -+-ˁ . ,0* + +-ˁ51) ,0 06+ ˁ504 608ˁ 5.+"1ˁ .*60ˁ "+,0-ˁ.4ˁ
. ,0-ˁ.,,04+*6ˁ03+ 6.6+ˁ *ˁ1 .*0-ˁ1 6+*.0ˁ0:0*6+-ˁ0 ˁ3+1ˁ,1* 6 60 .6ˁ"1,1ˁ
60 6 6.*6,ˁ ,,040*6 2+8ˁ 4+1ˁ *504 -0 66.ˁ 12<04.ˁ +*6 5 1*8ˁ 61 0*6 8ˁ3+ˁ
,.-5+-ˁ *60 0,.6ˁ.2 +56+8ˁ06ˁ 9* 8ˁ #ˁ5 1/ -1ˁ.55. 0*8ˁ3+14ˁ.4ˁ 40604.0ˁ
0/504 6 1* 8ˁ *60 5 06.6 1*0-ˁ * 6 1ˁ 0:1,. +*6ˁ 04ˁ51*60ˁ +- -.ˁ,0"0 6.60ˁ 0ˁ
041ˁ "6ˁ504 6ˁ50 : +8 0 %06ˁ 06ˁ 9*0ˁ ""1ˁ*1*ˁ.5 .0 4 1ˁ +6ˁ5+6.2.6+ \ˁ.4 *4 ˁ
,.*4+-ˁ 5ˁ1 +-ˁ .4:0*6+-ˁ.,,0*<%1ˁ 04ˁ0/ˁ 01 +-ˁ*+-0 1ˁ3+ˁ .6+ˁ:+"91ˁ:1lˁ
,.*6+ ˁ.,ˁ +2 61ˁ 0:.*0 ,0*60ˁ ."+8ˁ6 -1ˁ *<04+8ˁ*0ˁ"+,0ˁ5 15 *3+.ˁ06ˁ410"1ˁ
0 0*1ˁ 60"". +-ˁ"+- *0ˁ +"90*60ˁ.ˁ:9"2+8ˁ405 070*40 0 6+ ˁ3+0 *ˁ ,."91ˁ
+21 6.ˁ4 ,+ ˁ3+.0ˁ+50 1 0-ˁ. ,8ˁ5. 60-ˁ40* .ˁ*+20ˁ6.ˁ*:1": 6ˁ+6ˁ5 504+8ˁ
01 +-ˁ3+.0ˁ * .ˁ90 0 0*6+ ˁ5 .0 4 . 8ˁ.4 -0 06ˁ 9 6+ˁ ,."8ˁ."".6 8ˁ06ˁ3+14ˁ
5 -1ˁ.ˁ5 150 .*6 2+8ˁ *ˁ ./1ˁ"+2 ,1ˁ,1""1,.6.0ˁ,1 + 0*6ˁ -1/ˁ, ,+- 504 +8
.4-16 8

ˁ";ˁ% ˁ$ ˁ , ˁ > ˁ ˁ ˁ ˁ 0ˁ 5 6ˁ
59 $ˁ]ˁ 5 $ˁ 7"ˁ! ˁ ˁ Kˁ 5ˁ B

ʾn

ʾ .4 - 16 8ʾ 01ʾ 3+1ʾ <+ ʾ 0 .*6ʾ 1 4 *0ʾ 0* 6+*6+ ʾ 06ʾ ,+ -ʾ *15 * .61ʾ . , , 4 ",6ʾ +6ʾ
ʾ 0/ʾ - " 6 2+8ʾ +*+8ʾ 6+ʾ %. *9+ * 8ʾ +2 61ʾ , ,56+8ʾ 3+. ʾ 6+51 0ʾ 40 /+8ʾ *ʾ - 04 1ʾ
* +ʾ , ." 8ʾ .47.0 "06ʾ 6.ʾ +6ʾ +2 03+0*6 2+8ʾ .4 6+ -ʾ 5 .0,"+40 06ʾ *0ʾ 3+ 40 -ʾ 4ʾ
- ."ʾ 1 - * 8ʾ "1,1ʾ . , ,050 +*6ʾ 04ʾ 01ʾ .4ʾ , ." .8ʾ ."" 9.61ʾ 6.ʾ +6ʾ 0 - 660*6,ʾ - 1 21ʾ
*1*ʾ , .40 06ʾ 06ʾ , ." 8ʾ + - - 1ʾ "0*6 1ʾ * :0 " 8ʾ 6" 3+ ʾ . , "0ʾ . ,0*40 +*6ʾ + - ʾ
.4ʾ + - - + - ʾ :0*0 0ʾ - + - 8ʾ 6066 8ʾ , ." 8ʾ +50 .*4+8ʾ 0 .6ʾ 3+1ʾ +5, .61ʾ "0/. *40ʾ
. - .0+8ʾ ,+ -ʾ 4+12 A8ʾ - .* 5+". / 2+8ʾ 5 - +8ʾ *9 0 +8ʾ 0 6ʾ X" 3 +0ʾ *,+ 520*6 2+8ʾ
- + +8ʾ :06+ 6.60ʾ ,1 +56+8ʾ 06ʾ 5 1560ʾ "1, ʾ ." + *40ʾ - 6.60 -ʾ *09"04+8ʾ +2ʾ 51*40 0ʾ
,1"". 5 +8ʾ 0 6ʾ 3+14ʾ 1551 6+*0ʾ . - .04ʾ ". 21 .*6ʾ 0:0* 6ʾ k. -ʾ .ʾ ,+ 614 2+8ʾ , ʾ
,+ - + 1ʾʾ 3+ʾ 6. - 0*ʾ 050 6 *1ʾ , . +ʾ 50 ,+""6ʾ - 1/ʾ 0ʾ 09 8ʾ .0ʾ 5 1 09 8ʾ *1 - *0ʾ
5. " -ʾ *,". - .61ʾ 60 6ʾ . ,ʾ 5+9*.0ʾ 12" 6ʾ 7+0ʾ ""+ ʾ 4 ". 2+*6+ ʾ ʾ J". - * +8ʾ . 48ʾ
5 .0 04+8ʾ 50ʾ . :0" . -ʾ +50 -ʾ 40 00*4 6ʾ 06ʾ 51 6+".ʾ 0 - +8ʾ "+ - *0ʾ 12ʾ - . 8ʾ .0 6+ -ʾ
.4ʾ - + 18ʾ + 3+0ʾ 0 6+ 1ʾ * . : ,+". -ʾ *. 6+8ʾ *ʾ 9.670" . -ʾ 5 1 +9 6ʾ * - .0ʾ . , 8ʾ
5 .0 4 . ʾ .4ʾ 6 05 6+ -ʾ 5. 60ʾ +90 +*6ʾ .56ʾ A1ʾ . - "61* +8ʾ .*ʾ *4 0. ,ʾ
. ,7 05 015+8ʾ A1. **08ʾ U J". - * +8ʾ 19."" +8ʾ "0/. *40ʾ ʾ 0: 61* +8ʾ 06ʾ 5 0ʾ
8&0 . ,+ ʾ + -ʾ 51 6 4 0ʾ 5 1 0/ʾ 01:0* "06ʾ +/1 ʾ J". - * ʾ - +*4ʾ - +" 02 8ʾ 9 . ʾ
6 . -ʾ 0, 6ʾ 0. - 3+0ʾ 50 7+ - .* 60ʾ 7.2 6. -ʾ 4 - 6ʾ - +8ʾ 06ʾ &0 . ,+8ʾ 3+0 - 6ʾ
"09.6ʾ *1 - *ʾ 6+02.6+ ʾ ,7 05 015+8ʾ 3+14ʾ 5 3/ - ʾ 5 1 09 8ʾ , .04ʾ *60 + "0ʾ
, 040 6+ ʾ *ʾ . 46. - ,+ 614 . -ʾ 4.6+8ʾ ʾ 6ʾ 5 160/ʾ .4ʾ 0,+ 6.60 -ʾ +. -ʾ 50 6 - 0 0ʾ
.6+8ʾ *0 1 . : ʾ 3+ʾ 5 + -ʾ *ʾ +5 0 - 1ʾ - .9 6 .6+ʾ 5 .0,0" 0 .6ʾ - 1 8ʾ *+"6.ʾ
0"%06ʾ <+4 , + -ʾ 5 .0, 5 6. : 6ʾ ,+ -ʾ "R ʾ +6ʾ - 1 0ʾ 5.6 1ʾ 08ʾ 50 .90 06+ ʾ 51 6+". 06ʾ
06ʾ . - " .0ʾ 4 9* 6.6ʾ 4ʾ 4020 ʾ : 45 06+ ʾ *1 : 1ʾ 06ʾ *. +4 61ʾ 0/0* 5"1ʾ .4ʾ - 1 60 -ʾ
9*1 - * 1 . -ʾ 4. - *. 6+8ʾ 0 6ʾ 06ʾ (60 " *ʾ ". 3+01ʾ + 50* +8ʾ 6 + 6+ -ʾ "" ʾ 3+14ʾ
06 , .04 8ʾ 09 8ʾ ,1* 0 +8ʾ + "06ʾ 43+0ʾ 0/ʾ . ,0 416 ʾ ,+ʾ A1. **08ʾ . - "61* +8ʾ . ,7 ʾ
05 015ʾ 90*6 " 8ʾ ,+ -ʾ . 6ʾ *0 . ʾ ,1* 0 0*6 .ʾ .* - 1ʾ 4 , +, . 06+ ʾ * 40" ,1" ʾ
"13+ 1ʾ 5 : .6 - ʾ ,1* 0 "+8ʾ 0 .6ʾ ,89* 6+ -ʾ + 0ʾ <. 6.2.6+ #ʾ .56+8ʾ 06ʾ A1. **08ʾ
P ."" +8ʾ 3+ʾ 0/ʾ 0 2 0* ʾ ,1* 5 .6 1*0ʾ 0: . 0 .6ʾ 06ʾ .4ʾ 7 +". -ʾʾ . * . -ʾ 0ʾ
056+ - 7.2+0 .6ʾ *40ʾ 1 0*" 8ʾ ,1 - - 0*4.6 1*0ʾ .ʾ A1ʾ J". - * 1ʾ *6 .ʾ . ,0 -ʾ
.4 - +8ʾ 8ʾ 51 60.ʾ 1*4 *+ -ʾ 4+ 6+8ʾ 50 4+0"" + -ʾ +55" , 1ʾ . J04+8ʾ + ʾ (+)ʾ
4ʾ 60 - 518ʾ 1 61* +8ʾ 0/ʾ *9" .ʾ 04 6ʾ 06ʾ (60 " *ʾ ,1 . -ʾ 5 1,0 + -ʾ ,1*, " 1ʾ
"09.6 1* 8ʾ + - - . -ʾ 0/51 + 6ʾ ? *40ʾ ,+ -ʾ 5 +40*6 1 08ʾ 0ʾ ,/ ; - . 0*6ʾ 59". -ʾ
7+"".ʾ .6 1*0ʾ (,16. -ʾ :0""0ʾ 4 - 660 0ʾ *0ʾ 6+ 2. + -ʾ *ʾ *9" .ʾ 5 .ʾ 0/, 6.*4. + -ʾ
, . + . -ʾ 5 .020 06ʾ 04ʾ 6.ʾ .* *+ - ʾ :+"6+ -ʾ . ,ʾ :0 2?.ʾ ,1 - 51*0 0ʾ +6,1 - - +*0 -ʾ
09+ -ʾ , . + . -ʾ *09" 90 0ʾ *1*ʾ : 40 06+ ʾ 616ʾ *ʾ ,1 - 6 . .4ʾ 6. . .81 4 - 2+ 9) -ʾ
*4 4.ʾ *60*6ʾ 0 . 6ʾ 3+1 + -ʾ " 20 . -ʾ ,0"02 .6 1*0 -ʾ 0 - 1 .2.6+ ʾ 0,0*8ʾ . , 8ʾ
40 04 1ʾ $ 1 0/ʾ 6. - 0*ʾ 3+ʾ * 7 " 7.20 06?.4ʾ 155 4+ -ʾ 155+9*. *4+ -ʾ 5. .6ʾ *0,ʾ
.4 :0 . 1 + -ʾ - 06+ʾ ,1 - 6 .ʾ ." 1ʾ 6 .*8 0 ʾ :0""06ʾ 51 6ʾ ." 3+16ʾ :0" 6.6 1*08ʾ 3+ 2+8ʾ
155 4. *ʾ . ,ʾ 5 .0 4 . ʾ.ʾ 1 61* 1ʾ *6 ʾ - 10* .ʾ ,1 - 5+" ʾ +0 .*6ʾ .4ʾ 51 6. -ʾ + 2 8ʾ
,1 - 6 .ʾ 7.20 0ʾ 6.6+ 6ʾ *ʾ 8ʾ ,+ -ʾ 40 - 1ʾ , .04 8ʾ 09 8ʾ . ,ʾ 5 1 09 8ʾ ,1* 0 ʾ 6.*3+. -ʾ
50 4+0""08ʾ 4. - *. 6ʾ 0 0*6ʾ 3+ʾ *ʾ . ,0ʾ 0 .*6ʾ , - * ʾ . *08ʾ 3+1ʾ . +41 6.60 -ʾ
, . + .0ʾ +.0ʾ , *, " . 0 6ʾ 0/ʾ 0.ʾ 1 - *+ -ʾ ,15 . ʾ 3+.0ʾ +550602.6ʾ 06ʾ 5 ʾ ,1 - 6 .ʾ
,19+*6ʾ ,1 19.6 ʾ 06 . -ʾ 01 + -ʾ 5 1", 561 + -ʾ + 6 .9 8ʾ 3+ʾ ,1 - 6 8ʾ *60 0 "0ʾ
.36ʾ *1*ʾ 516+0 .*6ʾ .+6ʾ *1"+0 .76ʾ *60 0.ʾ .2ʾ . ,0ʾ *ʾ 5 1,0 - - ʾ ,1* :0*6+ -ʾ 3+ʾ
0/6 .ʾ 620 -ʾ 7.202.6+ ʾ ."" 4+.0ʾ 61 - 0*61 + -ʾ 0<. ,+". 6 1*08ʾ 02.*6ʾ 5 " 8ʾ 0 0 8ʾ
5"0 + - 3+0ʾ *60ʾ - 04 . -ʾ 6+ 2. -ʾ .40*6 2+8ʾ 6.ʾ 6. - 0*ʾ +6ʾ *0 - 1ʾ 1, , +8ʾ :0"
:+"*0 .6< 8

. ʾ ʾ ʾ ʾ ʾ V ʾ (ʾ ʾ B P C ʾ ʾ . ʾ ʾ >3+2) ʾ +ʾ !ʾ >
ʾ ʾ ʾ ʾ ʾ ʾ V " 0ʾ ʾ> ʾ 0 ʾ ʾ+ ʾ R$S ʾ+ ʾ ʾ ʾ> ʾ ʾ+ '
ʾ , ! !$ ʾ ʾ ʾ $ A !# ʾ ʾ $ 2 *ʾ ʾ ʾ ʾ # ʾ ʾ - ʾ "! 1 3$
0)$; : "# ʾ ʾ # !$ ʾ " " / $

:+"*0 .6+8ˢ 6ˢ %.*40-ˢ 1"+61ˢ,1*:0*6+ ‖,+-ˢ+6 3+0ˢ,4- .ˢ."60 ˢ 4 -2+ 9+ ˢ ."60 ˢ(60 " *+-ˢ *4 / !%0*6ˢ3+. ˢ *ˢ *4+, .8ˢ,1* 0* +-ˢ0 "06ˢ< +6 .3+0ˢ4 ,0 -ˢ ˢ -6 ˢ (+2ˢ ˢ . ˢ 4 -2+ 90* 08ˢ *ˢ . - 8ˢ 0/ "0*6ˢ ˢ 1 61* + * ˢ$."R067 155 *.0 0*6ˢ,+- 1 61* .* 8ˢ3+18ˢ *ˢ 6 *0 0ˢ*. 6ˢ +*6ˢ01* " /0 0ˢ.03+1ˢ+6 *3+0 4.-*1ˢ 1/ˢ.4 062.-ˢ ,+ ˢ ., 08ˢ * . - 8ˢ 6. 0*6ˢ06ˢE+" , + +8ˢ *9"+8 -04 +8ˢ *60 ˢ0.8ˢ,+ 6. 06ˢ+6 1 3+0ˢ *: ,0-ˢ 19.*8ˢ +6ˢ41 *+-ˢ 04 0*6ˢ *0+ˢ 50- 0 +-ˢ ,1 551*0*4.6+3ˢ< * - 8ˢ ,." 8ˢ ,1*" 8ˢ * *9, 0*6ˢ 6.*40-ˢ ,1*:0 6+ * 0 6ˢ 06ˢ 71,ˢ6.*6+-ˢ ,1*6 1:0 +-ˢ +6 ˢ5 +8ˢ ., 0*ˢ ,1*:0 60 0*6ˢ< ,+-ˢ 06ˢ40ˢ0. 0ˢ.03+.8 ,1*4 6 1*08ˢ5 151*0 06ˢ +8ˢ 06ˢ 4 -26 90* 08ˢ,1*6 .ˢ - *. 0*6+ * ˢ .4:0 . ˢ 51*60ˢ4 ,040 0*6ˢ 0ˢ 018ˢ ,+-ˢ 9*1- * .?5+" + 18ˢ 6+ *ˢ :061 1 61* +8ˢ: 4.ˢ5.6 0*6 .ˢ + 0*8ˢ 050*60ˢ 9*.ˢ * 0 ˢX+206ˢ< 3+ 2+8ˢ "".6 8ˢ ""ˢ . 0. -.9* 6,0\ˢ40ˢ 0ˢ 0*6 0*608ˢ 6.6 -ˢ *ˢ +9.-ˢ:0 6+*6:+?ˢ ,6ˢ *ˢ.*9+ 6 .8ˢ5+" ˢ5. 6 - ,.0 ˢ5. 6 -ˢ 5 1,+",.6ˢ06ˢ,.56ˢ + 66ˢ ˢ 3+ˢ 0:. 0 +*6ˢ *ˢ 155 4+-ˢ .,,056ˢ 6.*6.? 6 05 4.6 1* ˢ *ˢ . ,0-ˢ 01*60*40 +*6ˢ +6ˢ 1 61* .* ˢ *" ˢ 018ˢ5 .04.ˢ 06. 4. "06 155 4+-ˢ*09"04+-ˢ ,.50 0ˢ 516+0 *6ˢ E,, ˢ *ˢ +9.ˢ, ,6, ˢ ˢ06ˢ *ˢ 8ˢ E." :*+8ˢ . - "61* +8ˢ ,.56ˢ !ˢ 0%ˢ *ˢ 8ˢ "0/.* 0 0 +* +8ˢ06ˢA.,12+8ˢ ˢ +"0*+8 "+/. 40ˢ06ˢ".6 1 7 8ˢ * . - 8ˢ3+ˢ6.*6+-ˢ14 +*Rˢ535+". 6 -ˢ *ˢ 0 ,1*, 6.:0 .6 +6ˢ* ˢ01ˢ.4ˢ +55" , +-ˢ50 4+45ˢ5".,. ˢ*1*ˢ516+0 6ˢ 6.ˢ20""1.,60 1ˢ"0: 2+8 5 10" 8ˢ ,0 6.6+- ˢ 4+ .ˢ ." ˢ 0ˢ 4 -2+ 9 ˢ5 1 0/ˢ 18ˢ 067.0ˢ ,1*6 0 06ˢ *40 ,9 18ˢ " .2067.ˢ *40ˢ 09 7.ˢ . * "61* 18ˢ 5 1*. \ˢ516 +8ˢ3+.-#ˢ - " 60ˢ + 60" 6.*6 2+8ˢ *03+0ˢ 6.-ˢ 6+461 2+8ˢ‖+6ˢ +ˢ : *,0 0*6ˢ 3+.-ˢL*0ˢ : 4,0 0*6+ ˢ (0 ,+*4+-ˢ 7.0,ˢ ,1- 6 .ˢ.2ˢ+6 .3+0ˢ5. 60ˢ7.2 6.ˢ 3+ˢ 4 -2+ 9ˢ0 .*6ˢ" ,06ˢ0/ 9+1 7+-0 1ˢ ,,ˢ0/ˢ 09 8ˢ5 2 , 5 0 0ˢ 5 4 0/ˢ(60 " *4 *ˢ5 1 04+8ˢ -.9*1ˢ5 1,0 + . ,1*,+ +ˢ ,1- 6 .ˢ ,0"02 .: 6ˢ ˢ *ˢ 3+ 2+8ˢ ///ˢ\6.*6+-ˢ0/ˢ 8ˢ 3+ˢ 09 *.0ˢ5. 608 03+02.*6+ ˢ4. - *.6ˢ +*6ˢ 6ˢ *60 ˢ 7.0,ˢ.2ˢˢ+6 .3+0ˢ 5. 60ˢ5+9*.6+-ˢ . -ˢ? $.6 , +8ˢ9ˢ *40 +8ˢ3+ˢ 067.0ˢ5 .00 .6ˢ 71 *04ˢ-.*+ ˢ06ˢ,1* 4 1ˢ5 1-56+8ˢ,+-ˢ *ˢ 71 60-ˢ 4+/ 06ˢ 0+-ˢ,+-ˢ4. - *1ˢ *ˢ155 4+-ˢ, -5+" 6ˢ 4+-ˢ 04 6ˢ A.,12+8ˢ ." 2+ 61*+8ˢ 3+ˢ504 6.6+ˢ5 .00 . 6;ˢ "1*9 + ,+X0ˢ .ˢ + 8ˢ *,040*8ˢ.2ˢ *,+-20*60ˢ 0 + 6+-ˢ6+ - .ˢ ,+*ˢ4+2 .ˢ"+,0I?,++8ˢ5. 6 8ˢ0 06ˢ4 9*1 0ˢ*15ˢ54 06ˢ ,.56+8ˢ,6?ˢ *ˢ + 20-ˢ 4+4+8ˢ 0 6ˢ\ 1/ˢ06ˢ "0/.*40ˢ "+- +8ˢ +1* -ˢ *60 :0*6+ˢ 20 6. ˢ 0 6 6+6+8 ˢ0 6ˢ

ˢ ˢ .4ˢ .)4.,+8ˢ ,1*"" + .ˢ . -+-ˢ.4<0,0 0ˢA".*+"61* ˢ 50ˢ ,0 6.ˢ ˢ0:0*6+8ˢ 0 52*40 06ˢ /+" :06 ˢ20"" ˢ 0-0"ˢ5.6 .*4 ˢ . ˢ 4ˢ DE01 9 4"ˢ 0""1ˢ ,1ˢ 71 6 8ˢ504 6+-ˢ 9* 0 1ˢ .,ˢ (60 " *ˢ *.61ˢ50 +. ˢ 3+ˢ5 1,0 08ˢ" 60 " *ˢ,1.418ˢ.,ˢ 1"+60ˢ .90*60 8ˢ155 -ˢ*+""1ˢ*0916 1 51 "0ˢ. - .2.6ˢ ˢ 06ˢ ,+-ˢ4 - *0 8ˢ .4 6+8ˢ06ˢ 1551 6+*.ˢ 155 4 ˢ "1,.ˢ *1 "06ˢ .,ˢ 5 1,0 +-ˢ 71 5 6 .ˢ7.20 06ˢ 40 0 56.ˢ ,0 6.-ˢ 50-ˢ ., 02.6ˢ 6ˢ03+0 0*6+ ˢ1 - * .ˢ01 +-ˢ *ˢ5160 6.60ˢ +6+ .ˢ +,08ˢ0 504 6 1* 8ˢ +0 0ˢE01 9 +8ˢ E1 41* +8ˢ ".+4 +8ˢ . - "61* +8ˢ 06ˢ h ."60 +8ˢ (,16+8ˢ *0,ˢ ,1*ˢ "1ˢ +,,0 8ˢ 40 + 6ˢ 9 6+ˢ ,+-ˢ 4 "+,+"3ˢ .4ˢ155 4+- ˢ.,,0 0*6ˢ 1 - * .ˢ4401ˢ *09"0 6.ˢ 050 +*6ˢ +6ˢ *0- *0ˢ12: 1ˢ -ˢ 1 +-ˢ50*06 .;0 *6ˢ 06ˢ12 0 6 8ˢ .4 6 2+8ˢ 5 1,0 +-ˢ71 5 6 .ˢ .99 0 ˢ *0ˢ 0 6. - *0ˢ+* :0 18ˢ 5.0*0ˢ 155 0 "0 *6ˢ (1"+-ˢ A.,12ˢ +9". " ˢ 1661* ˢ4 :2 1 +-ˢ *ˢ 3+1ˢ 4 +6 +8ˢ . -+" ? 0 6 60 0ˢ -1 .-ˢ 5 .02+ 6ˢ 04ˢ ". - - .ˢ *ˢ .040 8ˢ *<04.ˢ ,+-ˢA. -ˢ *ˢ01ˢ0" 06ˢ +6ˢ + - 1ˢ .*9+".ˢ 0*6+ ˢ 5 0ˢ h ."60 1ˢ(,161ˢ. ˢ +1ˢ 0ˢ404 6ˢ .56+8ˢ06ˢ0140-ˢ - 1 - 0*61ˢ 1 0/ ˢ ,6ˢ - 1/ˢ 62/.*40ˢ E"0*,. * .0Iˢ06ˢ +91ˢ ˢ 9" *61* .0ˢ ,1- 608ˢ3+ˢ 1 - *08 .4ˢ 0/ 6 + -ˢ 0 :.2.*6+ ˢ 6.ˢ3+ 550ˢ ".+4 +8dˢ . - "61* +8ˢ 658ˢ -.*4. "0ˢ 0 02.6+ ˢ - +".,ˢ + 2 8ˢ 51 6.8ˢ 1 0*6ˢ09 0 6 ˢ +6ˢ1- 08ˢ .4ˢ +*+-ˢ,1* ,0 0*6ˢ (+50 .2.6 "" #

ˢ ˢ ˢ%ˢ ˢ ˢ$ˢ ˢD #/$ ˢ 0ˢ ˢ9] !ˢ1 " #/$ ơ ˢ ˢ! ˢ ˢ
! $ 1 // ! "ˢ 9 ! !ˢ 2 !# !$

ˁ "1 . * * 08ˁ 08R * +8ˁ . , 8ˁ5 .0 0 6+8 ˁ 3+ ˁ ,+ - ˁ ." 3+16 08ˁ + 6 .ˁ : 8ˁ 12 0"" 8ˁ *ˁ 1 - * ˁ
i) (ˁ ˁ 50*06 . 0ˁ 60*6. 06 ˁ .4ˁ 0/6 0 - + - ˁ .040 8ˁ +.8ˁ *ˁ 1 1ˁ *,71.6.8ˁ 06ˁ 5 1560 0.ˁ .2ˁ
.4:0 . 8ˁ *09"04.8ˁ ,+ - ˁ 40"0 6.ˁ - .*+ˁ 1, ,+5 .6 ˁ 06ˁ *40ˁ * 0 6.ˁ 0<.,+".6 1*0ˁ ,+ - ˁ
*ˁ 5. .*60 8ˁ - 506+ - ˁ 0, "06 ˁ ,. +ˁ *15 *.61ˁ 50 ,+" ˁ . - "61* ˁ " *0ˁ - 1 .ˁ 0ˁ *ˁ
+9. - ˁ ,1*< , +*6 ˁ 06ˁ ,.56 :1 + - ˁ 1 - ".ˁ ,+ .ˁ 155 4+ - ˁ 40 0 +*6 ˁ 5. 6.03+0ˁ : 41 ˁ
.0ˁ +4+ - ˁ +2 6.ˁ 6 05 4.6 5*0ˁ ,1 +50 +*6 ˁ *ˁ 71,ˁ 6+ - +"6+ˁ 1, , +8ˁ 0/ˁ 09 8ˁ
120 6+8ˁ ˁ +:0*+8 ˁ "0/.*40 ˁ 60 - ˁ (6+. 66 8ˁ E. " .*+ ˁ G+ ˁ ˁ 1<61* + - ˁ 06ˁ
"0/.*4 + - ˁ ˁ +* 9. - + - ˁ ,050 .*6 ˁ ,+ - ˁ 50 ,+"+ - ˁ ." 60 ˁ 0:.40 0ˁ *1*ˁ 51 "0*6 ˁ
0ˁ + 8ˁ ,.56 : 8ˁ 404 40 +*6 ˁ 6ˁ .: 4ˁ U (50*" +8ˁ h 1 - 0 61* +8ˁ 03+ 6+ - ˁ 5 .0 ˁ
04+8 ˁ 3+ ˁ 5 1 090 - ˁ +,02.6 ˁ ,+ - ,.56 :+ - ˁ 3+0 *ˁ .2ˁ * - , 8ˁ 506 , 02.6 ˁ 1 - * ˁ
.6 1 0ˁ 6+0*4+ - ˁ + ,05 " 06 ˁ .ˁ 50 ,+" 1 2+8ˁ "" +8ˁ 506 6+8ˁ 5 0ˁ 0140 - ˁ 4 0ˁ 40,0 " 6 ˁ
.03+." ˁ +6 + 3+0ˁ 5. 6 8ˁ 4. - *1ˁ .,ˁ 40" 40 1ˁ 71 - *0 - ˁ 5. 60 ˁ ,1 51 8ˁ 06ˁ * - ˁ
I416 2+8ˁ *" 9*0 - ˁ - 10 0*6 8 ˁ $ 1 0/ˁ 5 0ˁ 0/ˁ :+"*0 2+8ˁ 0140 - ˁ 3+13+,ˁ 4 0ˁ 12 6 ˁ
?,+ - ˁ ' (ˁ 5"+8ˁ - *+8 - 0* 0 8?ˁ - .9 6 .6+ - ˁ +5 0 - + - ˁ 60*+ "%06 ˁ G+1ˁ 0/ˁ 0<+8ˁ
50 ,+" 1 2+8 ˁ 3+14ˁ *ˁ 404 6+* ˁ .0: "%0*6 ˁ 6 40 - ˁ +55" , 1ˁ. 04 ˁ ,060 ˁ 6 05 4.ˁ
+9.ˁ 4 ".5 6ˁ +*6 ˁ ˁ /03+ 8ˁ 5 2 09 ˁ +6ˁ *ˁ 60 - 51 0ˁ 6+ 2+"0*61 ˁ 6, - +"6+. 0ˁ .4 8 ˁ
5 1/ - .ˁ + ˁ ,+ .ˁ 40ˁ +, ,0"%1 0ˁ "" , 0.*41 ˁ *0ˁ + - - ˁ - .9 6 .6+8ˁ 040ˁ :.,+.ˁ *1: 8ˁ
6+ - +"6 2+ ˁ 4, ,." 1ˁ 5 .020 ,6+ ˁ 9 6+ ˁ *ˁ ,1*, " 1 ˁ 5 1,0 + - ˁ 0"04 ˁ 6 08ˁ 0ˁ ˁ +1ˁ
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4+4+ ' +0 .6 ' 06 ' ,+ - ' 01' # *40" .0' ,1 - 08 ' + - "0 +8' + *40" ' 90*0 '
,' (1+67. - 561* .0' ,1 - 08 ' 120 6.8' 06' %71 - .8' 127. - ' .6 08 ' %71 - .8' 06'
4; . 4+8' U (6. *"0 ' 03+ 608 ' %71 - .8' ' E0 . 4+8 ' ,* ,+8' 8' $0 , +8' 1 67+ - '
2 .0' ,1 - 6 8' .60 ' 06' .) ' 5 .060 0.' 0/' 12 " 6.60 ' %+ *' .4+"571' ' (.4"061' 06 ' ?
%71 - .0' (- 671' 5 : .6 ' ,17 " ' 0*.62 2+8' *0916 + - ' 4.6+ - ' +6' 1 1R + - '
*60 19. 0*6' ' 3+1' .41' %71 - .8' (- 67+8' *' E."" . - ' .4' 090 - ' - 66 6+ ' 3+ '
6+*,' " - 21 .0' 0 .6' ,+ - ' 013+0' S."' A.*+. ' .** ' 03+0*6 8' 40' ,1*<+ .6 1*,' '
,1*6 .' 0 0* - . - ' Z9"1 + - ' 09 * . - * 6.' .9 6 ' 06' 3+.0' ,1* " .' 0+ - ' "5.* 8'
.9 60*6+ ' .50 6' ' ' L

' ' ' E ' ' 40 ' 1 0* ' 05 ,151' 3+ 4' .90 06+ ' + 6' ,3*60*6 1 ' 3+ ' 616 8 '
,1*<+ .6 1* 8' .2' * 6 1' 4+/' 06' .+41 ' +0 .6' ,+ - ' V' (1+67. - 561* 0* 6' ,1 - 60' 5 '
- + - ' *14+ * 8' ,1* :076 0+" 8' 7.2 6 8' 40 *' ,+ - ' 5 1 +9 8' *9" 8' *' ,"9 1' . ,' '
40* 3+0' ,+ - ' 51*6 ,0' 06' 1' "2.51' 4 ' *9" .' * : .4, *4.' 090 .6' 8' . , 1 .*4.' 06'
* : 1". 2 " ' 0' "09.61 + - N' 3+ 2+8' 08' +1 + - ' 5 *, 5+ - ' 3+1 : 8' - 141' 5 1 + . 0'
<+8' 0 6' 0" 9 2*0' 6+6+ - ' 0/ 6 - .2.6' 1* +"6 ' 7. ,' 40' 0' <+ 8' .0 . 0 ' 50 6 ' 3+ '
,1*6 .' 0 51*402.* ' "09.6+ - ' 3+ ' ,1*6 .' 5 *, 50 - ' .4' 3+0 - ' - "+8' 0 6' 020" '
" 1*0 - ' ,1*, 6. :0 6<' 09.6' 5 ; "09 8' 06' - - +* 6.6 2+8' 5 1' .41' 0/, 40 0' 06 '
510*.0' +2< , ' 06' ,+ - ' 3+.0 0 06+ ' .*' 5 1,+ .61 ' 5 *, 5 8' 3 ' 5+2"R. .+41 6.60 '
.24 , .6+8' 0 6' "09.6' 5 : "09 8' 9. 40.6' 0 51*402.*6' ' "09 6 - 0' .24 , .6+8' 0 "06'
5 *,058' 0<+8' 5 1,+ .61 .*' R9.6 ' 5 ; "09 .' *1*' 51 "0' : *4 , . , ' 3+.*413+ 40 - '
.4' 1"18' 5 *, 508' .2 1"+618' 06' . .<0 6.6 8' <+ .7.20*608' 50 6 *0.6' "09.658' ,1* 6 6+0 0 '
,1* +"6 ' 60 - ' .*' 5 *,058' 3+ ' *' ." 0*+ - ' 09*+ - ' :0*0 6' 06' *' ,+ 614 .' 0 6' '
5 1,+ .61 0 - ' 7.2 .6' .*' 8' 5 1' "09.61' 7.20.6+N' ' ' 60 - ' .*' ' 5 *,058' 5 1,+ .61 0' 06'
5 *0 5 ' 3+ ' *' ,+ 614 .' 0 6' 40*+*, 06' 0' *1*' . *5" +8' 5 1,+ .61 0 - ' 0<+8' 5 1' '
"09.61' 7.20 0' .*' 5 1,+ .61 ' "R' "09.6' 5 : "09 .' 40' <+ 0' 06 *0.6' .4' 3+.0' 0 '
51* +* ' 3+.*6+ - ' .4' 5 +8' , .5+6' 504.6' 0/' 40R9.6 1* 8' .+41 6.6,' 50*4, 0' .*' L
5 1,+ .61 ' "R' "09.6+8' 05+6. ' 4020.6' .4' ."60 + - ' 5 *, 50 - *' +1' 5 17 20 0 '
51 60' *0' "09.6+8' 09*+ - ' *6 06' 06' <+20 0' 6"' *6 . ;0 6' +6' 09*1' 0/0.6' 6' 3+ 40 - ' '
L1 , + - ' "09.6' * 9 . :0 6' *60 - ' "09.6' 5 : "09 1' +' 4020 0' (0,+*4+ - 7.0,'
0/' ' " 0* ' *%+".' 0:1, .6+8' 1 0* 68' 06 9 . : 60 ' *' 5 1,0 + - ' ,1* 0 +' *, 05 6+8'
3+14' *1*' 0/' 40' R9.6' *' +1' - +*0 0' :0 . +80 06<' 5 1 *40' , 06 0' *1*. - '
5" +8' 5 1' "09.61' 05+6. ' 06' 20* 9*0' 0,+ - ' .4+ - ' 5+6. 06' 3+14' *1*' 9 . ; 0'
510*.' - +"4. ,6+ ' ' 1*6 .' 60*40*6' 06' 0' 09 7.0' " 20 .0 06 *<+ 60' .24 , .6.0' "0 '
9.6+ - ' 5 1' .6 1*0' - +*4 8' 21* .e40' 06' + - + 3+0' 09* ' 21*1' 1 , 1' 40 +*4+ - '
L0 "0' *,". - .*6 ' ' 5 1".6 8' *' 4' . - 5" " - 8' 3+.8 ' .' . .' 4 .202.6' - .*4.6 8' -'
? 0, " 1' + 97"0 1' 61 - . ,71 0' 0 51* +* ' <+ .' "09.6 1*+ - ' 06' 5+2" , .0' 40 ' 3+.0' '

[illegible] ? 1260*402.*6+
& ' / :' D (' ' " & T' ' (' ' - I ' 4.*6+ ' #' D
' ' ' ' ' ? L ' U ' ' '
9' ' ' 5 ' 5 0' + ' ' ' " ' 5 ' ' ' ' $'
%7@ ' ' ' ' + 0D ' 8 ' ' 4 .0' ! ' ' 2 + ' + ' :'
/> 6 (' ' " $' ' ' + ' ' / ? 4 ' ' - & ' G 0' ' ' / 6 . ' '
' ' % $' ' L? ' ' #

" ' # '

1260*402.*6+ < *1*' 51 "0' 5.6 1, *. ' 50 4 1" 8' 3+ ' *' 5+2" ,. -' 50,,.*6' *.' '
<0 6.60* < 04'018'510*." 2+8'. 6 1* 2+8' 60*0 '< ." 13+ *' " ,0 0' ,0"0 .6 8' 71 - * 2+8' ' '
50, 1"2' 0' "09.6' *1 - *0' d:0*4 6.*6 2"8' - 5+*0' *' 5 *, 5+ -' : 6. - '9 ."%. '
,+ -' ""0' 12 6 *.60' 50 60*40 06' "09.6 + -' <+ .' *+*3+. -' : .' <+ 8' 04' : .' .4 '
: 1". ' +2 - 1*0 063+,' *0' 0,+ -' . 50 +8' .90 06+ ' 3 . -' :0",+ -' ' #%7 10 '
- 1 61 1' *+50 ' *' E."" . ' 06' ' .*41"57 a' 06'%. - Z1 671' *9" , 8' *' (,16 .' "09.6 8 '
3+ 6+ 2 8' "" +8' 09* ' 0' - 0+0 .*6' .4+ -' +0 .6'? " 3+ 407.' 8' * 7 "' 9 .: +8' - j'
50 .6+ - ' 3* . -' +6' *6 . 6.618' 4 08' 4 0040 0*6' + -' 60 6 - 1* 8' *9"1 + -'
+ 90 06+ ' *0' 50 90 06+ ' 2".*40' 19. : 6' 1X@ 6. 0' 3+ 550' 0,056 "" - . - ' 3+.0' "09 8'
: -' 126 *0.6' ,1* +06 4 *0 - ' 3+.' 0 6+ -' 0 6' *9" ' *' (,16+ - ' *03+0' (056' *
9"+ ' 60 6 - 1* + -' :."0 0' %.*40 - ' 51""' ., 08' 40' <+ 0' 90*6 + -' .,' "09.61 + - '
3+14' +6 .3+0' 5. 8' *' 7.,' ,.+ .'' :0 6' 4 002.6 ."60 ,.6 1*08' 1 "0* 8' 6.*3+. -'
5 :.6+8' *' . ,0 -' ,' 1*4 *0* 0 -' 4+, 6+ ' . 4 1 0' 3+. -' .*60' ,+ 614 .< +2' .4'
" *9+".' *60 19.6.' 6.' 0 51*4 6' +6' 09 7. -' 0/,+ .606' 3+.0' .4 6+' 06' ,1""13+ 1' .2'
" .2067.' 0 - 50 ' 0/,"+ .' 7+"".8' *1*' 71*0 6.8' ."+6 8' 0/504 0 4.0' .6 1*,8' 0" 0'
4+/0 6' .4' 4' 1 1", + -' 3+ 4' .66 *06' * 7 "' 5"+ - 40' *+56 8' ,+ -' 09 *.' . .'
09 "0' * "0' 0/' ,1 - 5"+ + *' 09* ' 5 1,0 + -' ,1* 0* +' < *0,' 0' + 60' *609 + -'
3+. - ; 8' ,7 19 .571' " .2067.0' ,1*6 .' 0,05 06' .' 40' 4.6.' 4 0040 0' 3+ 550'
,+ -' - +6+.' +6+ . + -' *+56 . + -' 05 1 - " 1' ,1 . -' 01' 06' .*90" 8' .4.' *60 '
,0 " "06' 0' :0 1' ,+ - "09.6' - +*0 0' *90 06+ ' *1*' 516+ "%0' *0' 5 .,+"1' 1 , 1'
400 "0' W6 '5 *, 5 8' +. ' .4 " 4 - .0' ,.+ . -' 6. *' ,.". - 61 1' 60 - 51 0' 40 0 0 0'
,1* " + -' .+60 -' 560 , 5 0*4.0' " .2067.0' 51*' ." .' - 0*60' 5 151 + 0' 3+. -' +6'
1 1", ' .*' .4' 0/6 0 - .' 5. .6+8' 4 06' .* - +8' 50 ," 6. 06+ ' 1* 0 1 + -' 4,'
,060 1' 3+ ' *1 - *.6' 0 .*6 , - *.' 1"0 60 ' 0/60*+.: 6' *0,' +"". .6 1*0' .44+,'
516+ 6' +6' *12 " + - ' 3+ ' 40' " "52067.' *60 , 5 0*4. 40 .12 6 */0 .*6' *1 - *.'
040 06' ' ' ' I'
' ' ' :. 08' 616.' 6.** .' - 16+8' 3+14' - * - 0' 5 .060 ' 402+ 6' 51??
60*4 0' : +8' 0 6' 5 14 9 1 +8' 60 .0' 6 0 - 1 ' *' 0 0 1 4 0* ' .9 5'.4' US **. 61*+ -'
: ,+"+* ' ' ' S . ' . 6 ' 71 .' 0/6.' :0 50 6 *.' 0/1 6+8' ,+<+8' : ' - 1*8' 5 1/ - +8'
,+ -' +2<04 .' ,.+60' - .9*1' ,+ -' .91 0' 4 " 6' 06' *' 50 1 0 -' "1,+ -' 0" 41'
,+2 " ' +1' 0' 0/6+" 6' 0,+ -' +*.' 6 .70*8' . 21 08' * / .8' ,.+".8' 06' ,1*,"+ 18' 1: + -'
9 0908' ' . 21 - -' ." .0' 60 .' 407 00*60' 7.+ 6.0' ." .0' - 1*6' 5 ' .,,040*6' 6.'
,1."+0 +*6' .,' ' 01' "1,1' 5 - + -' .4 ,08' 09 "0*6' 3+1' "1,1' 4 ") 6' 1 ". - 3+. '
4 .9 *6.' 50408' ".6. - ' "1*9. -' 1419 *6.' +"*.8' 0" 3+ 6' 90 ' , ,+ -' / /' <+90 + -'
5.6 1' 3+. ".6+8' "+, ' + - - 16 ' .,0""+ -' 12: + -' 0:0 + - ' 6./+8' *' ,10 - 060 1' 6.'
.2' 1,, 40*60' *' 1 6+ -' 6 .* ".6.' .40 -' : 8' 5+2" ,.8' &X.8' ,+ -' 05 2+8' 06' . 21'
*2+8' * / 8' "1,1' - 1: 6' < 60 . *' 0/' ,+"6.' 5. 0+. - ' 0/' 5. +.' ,+"6. - ?0 0, 6' <
6+ - +"18' 1551 618' - 506+' - .<1 0' - 5+" 18' 5 1:1":0*86. - 3+. -' .990 0' .41' * '
04 6 1 0 -' ,1"" ,+"+ -' ,109 6' 4++ -' : 1"0*6 .' .' (.6+ * ' 4 0' 3+1' ,105 6' .4' 4 0 -'
"+*.0' ,+ -' 616+ -' " + -' 6 .4+ -' 50 . - 2+". "06' \3+. "' 0/' 6 *0 0' 0 .' 06' - 1"0' +.'
".21 .*8' +2' - 0 4 0 -' 40 6' + ,' - "0 -' !* . -' J0 . 0* 8' 06' : , *1 + -' "1 '
,1 + -' *' 6." .' 71,' .**1' 06' 5 .0,042*6' ." .? 6 1' + 6@ 60 .0' - 16+ -' .4' 5.9+ -'
21 *.0' *' 4 6 1*0' 0 *0* + -' 516 0.' .,, 4 0' 0 2+*6' 3+ ' *' 6 6' .4 - ., 1*,'
40 1".6+ -' "1,+ -' " + -' : 40 +*6' '
" ' ' ' '

% f ' "' # $ '% & & ' '%& '&' ' ' ' ' ' (
)* + ' '$ ' ' ! & ' ' , ' '&' & ' ' - & &
' ' 1 E

-5 +! # . 4.*6+ . 09 *. <+4 ,08 / : * S." 02 +. 3+18 5. 08 :1,.*6
3+ 40 # 1 1", ,.+ . ,19*1 ,.*6 E01 9 +8 %."216+8 U (."15 .0 ,1-08 3+
01 4 0 6.*3+.- -.9*+8 $.".6 -.9 60 :+"91 *9" .0 (0*0 ,7.""+- :1,.*6
<+4 , 1 5 .00 06 ; .*6 h 1 ,0 6 .0 (+ 0/ .0 +*6 *943* .0 h . Z ,
04 1 4 .0 $0*2 1,7 .0 0 ,0 6 .0 0 6 1 4 .0 ,1- 608 0 0 1 4 .0 : ,0,1 .08
- . 8 5 .0 04+8 0 -.9*+8 0.-0 . +8 ." 0 *12 "6.60 09+" *+-0 1? / :<
,1 .- 3+ 2+8 1 4 *0 040*6 2+8 0, 6.6+ 09 *. a 4 5"1-. -1/ 06 "20""+8 5 1
51* 6+% 3+1 *1- *. , 6.61 +- ,0-6 *02.*6+ 510*. 0 0-14 , * *1*,1-5.
0*60 8 ,1* 6 6+6. ? 0 * 1 1", +8 0*. ,0 0 5 14+, 6+ 06 01 5 .0 0*60 ,.5 6.
.,,+ .6 1* 8 * 0+- * 6 6+6.0 5.".- " +*6+ 7.0, .+60- 0 .*6 3+14 96 .
09 *. 40 *+56 8,+- . (,161 +- 09 *. ,1*6 .70*4 8 09 "06< 5. 6 - +6 0. *
.4 09 +- *9" .0 5 .0, 5 6.61 1 4 *0 0:070 06 5. 6 . +6 ,0"0 * (. ".0
-. 6 -1 60 5.6 .61 ,1"1 0- 3+.0 0 06 510*. 3+0 12 4 .2 0* ,1 : .**1
."*6 8 ,,,, //: .*, 6.8 *,+ 06 3+14 5160 6.60 2 . 09 *. -.*4.6. *
0/504 6 1*0 21 .,0* .2+ +8 -.". 40 * 0. :0 .6+8 0 "06 3+14 04 6 1* *
0560*6 1*." 2+8 09* 5. 6 2+8 .*60 6 0** +- ,1*6 . 09 *. - 0/, 6.6.0 5. 6 08
5. 06 3+14 , -* 5 -+- * ,. ,0 0- ,1*<04"+8 + 6 50 " 60 .8 06 *+*, 18 .4
- ".0 ,+"5.0 :0* .- . 09 *. +55" , 60 506 6. 510* 60*6 . .46 0/ .* -1 4+,
, 60 6.6+8 51 67., 0 40 *+56 8 (,16.0 *1* ,19 6.6+ +- 0,05 "06 06 6. -0*
4.- 40- *0916 +- 50 0- ". 18 %0-50 06 .4."%06 06 * 0.40-;1"+*6.60 .*
5 151 6G ,1*6 . 4.6.- 40- 50 "0:0 . "06 3+14 ,+- 141" 1 06 1"%0*"
05 0151 40 .+/ "+8 . 51*6 ,0 06 2.*1.,, 5 0*4 8 .4 6+ 2.*4.- *9" .0 5.,0-
,1* " . ,1- -+* ,. "06 3+14 50,+* .- 50 4+0"" 2+8 (,16 8 .4: .8 *9"1 +-
09 *., 5. 608 6+0*6 2+8 0/+" 2+8 *9" 8 * (,16 . 06 0"9 1 -0* 0 (0/6 "
5 1/ -0 0".5 1 *+-0 . -50 ."J06 3+14 5 0 ,+- ,1* 0 8 40 6 *. "06 0140* 60-B
51 0 3+1 *9" . *:.40 06+ 20 * .- *+"". *<04. -1 . .99 04 +6 4 6 .4 8
6 9* : 2+8 * +".- 0/5+9*.6+ ., "1 0- 71 6 2+8 0440 06 3+14 40 (,16. 0B
9 *. : .+6 . + -+6.6. :0 60 0/ . ,0 * 3+. .66 *02.6+ 04+,0*4. ,+- + 8
,1* "+- * "J06 0.-3+0 " 20 6.6 60 6 6+6.- 04 6 1*0 * 09*1 1", 6.6. *9"1 +*
06 (,161 +- 09 *.- 40,". .*4.- "+-3+0 0<+8 * "5.* .- .4 +6 + 3+0 09*
71 60 8 .-.*4.*4+- + 005 "06 0 3+ 2+8 1-* 2+8 50) 60 .8 06 , 56.I
,1* 0 1*08 ., 60 6 -1* . 05 015 1 "0* 8 . R0 0 1 2 , 1 .2 05 61" 8
V 8 .*4 7 : .* 60 06 ."1 +- 4 "+,< 0 5 12.6.8 5"0*0 <+4 , 2+8 ,1* ".2.6
%+ * *60 19 6+ . (."15 0* 1 1", +8 0,3+ 4 , -*. * 0+- 5 1".60 .9
*1 00 06 # +- ""0 4 " 60 06+ + +8 3+.3 6+- .2 01 50 3+18 <+4 ,08 40 8
019661 0 :0""06 06 ,+- 0 51*4 "06 50 0+- 06 5. 08 +18 -1/ 3+. ",1""041
5 6+ 1 .6 1*0 .4 . 4+".6 1*0- ,1-51 6. 3+1 <+4 ,+- 9 .6 .- .+,+5. <06+ .90 0
0 01 9 .6 .8 06 0 0* "" -.0 09 *.0 4 / 6 3+14 ,5 .- 6. * ""+ 6 5 +40*6 "
-1 +- <+/6. 06 .03+ " *1 +- 5 1,0 +- 0106+ ,.+ .*6 4 ,0 0 06 **1,0*6 .-
+.- .55 12.60 <+20.6+ ,+<+8 :0" 4 -./ -.- 40- ., .6 3+14 ,+- +9. 06
.- ,1 +- 150 0 50 ,+"1 +24+,0 0 ., "0 516+0 6 6. -0* ,1* 0 0*6 . 06+8
6.6 -

& % ? (. 820 0* 8 1 +*6 *961* .0 h . Z , 04 1 4 .0 $0*2
N -.9*+8 5.".6 -.9 60 3+ <+4 , 1 5 .00 "06 , . 6 1 4 .0 0,0 6 .0 1 L
1 ? .+4 0 1**0 60 1
0 0*6 &1 ,0 6 .0 1 ? N (. 820 0* 1
% $? ! . + U$ 0 ?? $. $ N > . &-
+ A B R U % 4 5 . B 6 . B
!# ! " $? 1] ! ! / " ! / " ! ?) !
!)) 8 8 ! $ 2 b 3$? 0 68N ; " * 0)$! $ 52 3
% 3$ V ! /$ V ! .
% I ,08 & 061 0*6 "08 ". 1*8 E 0; 40 +,R7+ 6 ". h . + 97"0; 1*6<1; h0*6
h "6 (.*408 +97 (6 A17* ,7 1 67 Z1 67? 1 4.*6 7.*418 ^ (6 A17* 40 "06 1

6.6 -ˢ *ˢ <+8:1,.6+9ˢ 0ˢ <+4 , 1ˢ 6 60 6 - 7 "G - *+87.*,9 .6 . *ˢ.ˢ 09 .ˢ - .<0 6.60ˢ " " ˢ
06ˢ .2ˢ 5 8ˢ 5060 0 ˢ *0ˢ 2ˢ 5 .060 "61 + - ˢ 40" 41 - - ˢ 06ˢ 3+1 + - ˢ 0ˢ &ˢ .* - 1ˢ ˢ ˢ
510* 60 0ˢ . - ˢ . *60ˢ 5 1 0 "+8ˢ 6ˢ .6 *0ˢ 50 ,+"+ - ˢ , 0,6+ ˢ<ˢ 6.*6+ - ˢ .2ˢ . 8ˢ , ˢ
* * 2+8ˢ 12<0 6 8ˢ 5+ 9.*4 ˢ 0ˢ . ,+"6.8ˢ 6 2+.6+ ˢ 6ˢ ,+ - ˢ .2ˢ .55. 61 0ˢ 09 1ˢ * ˢ
, 05. 06+ ˢ 3+. "ˢ +*1,0*6 . - ˢ 40ˢ , - * 2+8ˢ 12 0(8ˢ 41*,0ˢ ,1*: 4+8ˢ +50 20ˢ 0 ˢ
5 .0 .4.ˢ 1*60ˢ.) . 06ˢ 5+41 0ˢ "0+ˢ,17 , 0*6 .ˢ0.ˢ,1* 0 "+8ˢ *90*+0ˢ,1 . .ˢ<+4 , ˢ
2+8ˢ - 0 - 1 . - ˢ +. - ˢ". 2 "0 - ˢ.9*1: 6 6ˢ 0ˢ 40ˢ 0" 3+1ˢ<+ 8ˢ.,ˢ<+4 , . ˢ 1 4 * 8ˢ 9*1 ˢ
.*60 - ˢ 5 1 0 "+8ˢ 0 68ˢ 5 1 *40ˢ 1 . ,ˢ 5 1,0 08ˢ 3 ˢ <+4 ,08ˢ *ˢ +.ˢ , .+".ˢ 040 0* ˢ
+6ˢ20* 9* 6.60ˢ +.ˢ 5 "ˢ +2:0* 0*6ˢ 06ˢ 3+14ˢ 0ˢ *90* 1ˢ400 .6ˢ .03+ 6.60ˢ +55"0 0*
40ˢ 01ˢ 4 - "2<ˢ (."15 0 8ˢ 5. 08ˢ 01 - ˢ *ˢ ,1*,".:0ˢ 0,040 0ˢ <+206ˢ 7.2 613+0ˢ
,1* " 1ˢ 0/ˢ L.* - ˢ 0*60*6 .ˢ 5 1*+*, . 0ˢ .*ˢ 1 1", +8ˢ 50 4+0"" 1* 8ˢ , - "*,ˢ
60*0.6+ ˢ 18ˢ 0 6ˢ .5+4ˢ *9"18ˢ ,+ - ˢ 40ˢ ,.5 60ˢ , ; 8ˢ 40" 20 .6+ ˢ +6ˢ Iˢ <+4 ,08ˢ *ˢ
0, 06+ - ˢ"1,+ - ˢ 0,04.*6ˢ +2 ? *0ˢ , 21ˢ 516+ˢ 9*0ˢ ,.*40".ˢ - .*056ˢ *60 4 41ˢ
06 . - ˢ 1 - * ˢ ,1""13+ ˢ 7 ˢ ,+ - ˢ 60 6 2+8ˢ ,1*6 .ˢ 0+ - ˢ 5 14+4 ˢ + + ˢ 41*05ˢ 40ˢ
0*60*6 .ˢ ,1*6 .ˢ ˢ0+ - ˢ 5 1*+*, .*4.ˢ *60 ˢ 018ˢ ,17:0*0 6ˢ 3+. - ˢ 51 60.ˢ .4ˢ 5 .0?
40 - ˢ 0 0 +*6ˢ) ˢ 9 6+ ˢ 7.2 6.ˢ 40" 20 .6 1*0ˢ ,+ - ˢ.4ˢ (."15 0* 0 - ˢ 04 "0*6ˢ 06ˢ
1 2", + - ˢ 50 4+0"" 1* 8ˢ 60*0 ˢ 06+" "0*6ˢ * +8ˢ" 6 6+ ˢ 1 1", +8kˢ 06ˢ *60) 04.ˢ
5. + - ˢ 0*60*6 .ˢ .ˢ (."15 0 " "ˢ *60 50"".6+ ˢ 0 3+ 4ˢ 7.20.6 ˢ 3+1ˢ 0*60*6 . - ˢ - ˢ
5+9*. 0ˢ 06ˢ, - *.ˢ12<04.ˢ4 "+0 0ˢ 51"" 6ˢ +6*12 - +60 ,0 ,6ˢ 51 6+".*60ˢ .55. 61 0<ˢ
0*, ,7.""+8ˢ *ˢ 7. , ,ˢ :0 2.ˢ"1,+6+8ˢ 0 6ˢ G+.*41ˢ 6+%71 - .ˢ 1 1"4.0ˢ 4+/ˢ 50 4+0" ˢ
"1* (ˢ . , ,+ .6+8 . ,ˢ 5. + - ˢ 6+1 + - ˢ <+4 , 1ˢ 50 .4+8ˢ 08ˢ 0+8ˢ 0*60*6 .ˢ - 0.ˢ 04 ,1 ˢ
+6ˢ 0ˢ :0 6 9 1ˢ *ˢ 6+ - ˢ 04+,. 8ˢ 06ˢ *40ˢ 6.*3+. - ˢ5.6 .0ˢ 5 14 61 ˢ, .6ˢ - 51 6+8ˢ
.4U +55" , ˢ "1,+ - ˢ <+/6<ˢ 1*4 *+ - ˢ 6 .7. 8ˢ .63+0ˢ 2ˢ ".3+01ˢ +"50* 1ˢ *03+0ˢ
4+ - ˢ 6 .*9+".61ˢ +* 8ˢ +, , 4.6+ ˢ 06ˢ 0 - .* - ˢ : ,0 .ˢ .5, 61ˢ :0*6 0ˢ 0 0"".*6+ ˢ
.63+0ˢ *ˢ 9*0 - ˢ ,1*< , .*6+ ˢ<ˢ 6+ *ˢ , .5+6ˢ .ˢ 6 +*,1ˢ 05. 06+ ˢ 0" 3+1ˢ ,1 51 0ˢ *ˢ
3+.6+1 ˢ 5. 608ˢ 041ˢ 3+.0ˢ 3+1ˢ 09 *.0ˢ 5". ,+0 6ˢ 5+2" ,0ˢ 0 9.*6+ ˢ 0+8ˢ 6+ ˢ
- 060 ˢ4 9*06+ ˢ G+.ˢ5 1*+*, .6.ˢ 0*60*6 .ˢ 1 1", +8ˢ G+.*41ˢ - 0ˢ 3+. ˢ 50 ?ˢ
4+0"" 1* 8ˢ,1*: 4+ - ˢ 4. - *. 6 8ˢ *3+ 6ˢ 06ˢ .ˢ ,1 51 0ˢ :0 6 1ˢ 0 0,+ 6 8ˢ .4ˢ - 1 60 - ˢ
5.6 0*60 ˢ 06ˢ .03+1ˢ .* - 1ˢ 0 0*4. - ˢ - 0ˢ ,1 - 5. .21ˢ *0,ˢ ." 8ˢ 5 0, 2+8ˢ 0 0ˢ
* " - . - ˢ 5 *, 50 - ˢ 36 .*3+. - ˢ 0. *ˢ 0 - 50ˢ ,"0 - 0*6 6 - . - ˢ 06ˢ 7+ - .* " - . .ˢ
0/50 6+8ˢ - ˢ .6 9.21ˢ 34. - ˢ +6ˢ 3+14ˢ + - - .0ˢ 9 .6 .0ˢ "1,1ˢ 5061ˢ " 20 18ˢ - 018ˢ ˢ
.,ˢ . - " . - ˢ U1 - - 0*4.6. - ˢ 7.20 0ˢ :0" 6ˢ 06ˢ .08ˢ ." 0*+ - ˢ - 0+ - ˢ 4 "2": ˢ - 50 ,6
G+ 2+8ˢ :0 2 8ˢ /ˢ *60ˢ " *9+"6+8ˢ . ,ˢ + 5 .ˢ 5 1".6 8ˢ 504+8ˢ 4 6 40 - ˢ 50 ,+ ˢ
6 0*8ˢ . ,ˢ 0/6 0 - 0ˢ : ."0ˢ 5 1,0 2+8?ˢ 4 41ˢ *ˢ 6+ - ˢ 404+4+8ˢ 0 6ˢ 06ˢ 0/ˢ <+4 ,+ - ˢ
5 1 + - ˢ ,1*" " 1ˢ 4 +6 +8ˢ . "0 :.6+8ˢ .4ˢ ." 18ˢ 01 *" 40 - ˢ 0 - *+ - ˢ 51 6+".618ˢ 06ˢ
*1*4+ - ˢ 50 .418ˢ 018ˢ 3+ˢ *?6+ ˢ ,+ 614 02.76+ ˢ 1*: *,0*418ˢ ˢ ˢ $.+, 8 51 6
ˢ ? 4 02+8

& ˢ % ˢ V %2+ *.8ˢ + , .8ˢ <+/6.ˢ ˢ D ˢ (ˢ % ˢ ˢ ' ˢ ˢ
ˢ i ˢ& * ˢ||40 +*6ˢ ˢ ˢ1ˢ 4ˢ

% ˢ ˢp%+ 2.6+8ˢ7 0ˢ"1,+8ˢ*03+0ˢ - 1 0 - ˢ.5+4ˢ *9"18ˢ 0,056+ - ˢ *ˢ 0 8ˢ50 .90*48ˢ .9*1 0 6ˢ 4 0 ˢ - *0ˢ *60ˢ<+4 ,08ˢ 06ˢ<+ .61 08ˢ *60ˢ5"020 18ˢ 06ˢ5 1Fˢ ,0 08ˢ,+ - ˢ5 1ˢ 6 2+*."ˢ 6+*6+ ˢ*1* 0 :.61ˢ $ 0 ˢ 20 +8ˢ , - * 8ˢ 51 6+".6+8ˢ +98ˢ 7.206ˢ<+ .61 08ˢ :0"ˢ<*ˢ 3+ 61 08ˢ *9" ,0ˢ ' 0 ˢ3+1 + - ˢ0 640ˢ V Lˢ,+<+8ˢ 51 6+".6+ ˢ 0+8ˢ *3+(0 0ˢ 06ˢ 5 1*+*, . 0ˢ ˢ<+4 ,+ - ˢ :0 1ˢ 40ˢ ˢ <3+.ˢ < 20 6ˢ *ˢ.4 1*0ˢ 3+.0 6 1ˢ 40ˢ ,0 *0 0ˢ 06ˢ40ˢ 01ˢ 50 .41ˢ 0*60*6 . - ˢ4 ,0 0ˢ *9"ˢ ,0 60ˢ 5 1ˢ 5 :"0 1ˢ * 9*ˢ 4+,+*6ˢ 3+14ˢ 3+ 8ˢ 5"0ˢ ˢ 20 +8ˢ *ˢ<+8ˢ :1 .6+ ˢ, *+ : 8ˢ .4ˢ *0ˢ +*.* - ˢ *3+ ˢ "6 1* 8ˢ 4+140*. .0 +* .9 1 0+850 .9ˢ *03+0.6ˢ *0,ˢ * ˢ 50 .4+8ˢ.ˢ<+4 ,0ˢ 4. - *. ˢ51 6ˢ ˢ3+ 40 - ˢ *ˢ 3+ 61 08ˢ *ˢ 0, 06+ - ˢ"1,+ - ˢ 0,040*69?ˢ " *0ˢ 0 21ˢ 51B 6+ˢ 9*0ˢ , .*40".ˢ - .*0*6ˢ 41*00ˢ 40ˢ 0*60*6 .ˢ31*;0ˢ 1 6ˢ *60 4 41ˢ 1 - *ˢ06 . - ˢ,+ - ˢ60 6 2+8ˢ,1""13 61ˢ

0* - ˢ0/ˢ ""8ˢ 3+ ,3+ 4ˢ 5"05 +80/3+ 0 0ˢ :0" *6ˢ *ˢ,+B . - ˢ 040+ - ˢ06ˢ 0 - ˢ 403+. . - 2 9 6+ ˢ5.". - ˢ<+4<0ˢ 5 151*+*6ˢ ˢ 3+ˢ 60 608ˢ 0:1, .6ˢ 60 - - 3+0ˢ +50ˢ ˢ *60 1 6ˢ *3+ 61 08ˢ 0 - 50ˢ0<+ 40 - ˢ,+ - ˢ 01ˢ :0ˢ 1 4 * 8ˢ :0ˢ ,1*4 6 17 8ˢ 0"0ˢ 4 0*6ˢ< 06ˢ ˢ40ˢ 5"020 1ˢ 6+ ˢ *1*ˢ5"+ 083+. - ˢ4+140, - ˢ5"020 ˢ,+ - ˢ:0 1ˢ 40ˢ 5 1,0 + - ˢ, .5 60ˢ 40" 20 .6+ ˢ .4 1ˢ * 6 6+ 6+ ˢ,1B . - ˢ5. 2+8ˢ + 8ˢ , "ˢ." 8ˢ 5 1,0 2+8ˢ 3+ˢ*03+0ˢ,+ 61ˢ 4 .0ˢ *03+0ˢ +*.* - 6.6 8ˢ *ˢ + .9 8ˢ 0 0*4 8ˢ: *ˢ ,+"1ˢ 60*0*6+6ˢ - .<1ˢ 60 - ˢ ""1 + 1ˢ *+ - 0 +8ˢ *0,ˢ 3+ 40 - ˢ ! "C.2067.0ˢ 60 - 51 0@ˢ 40 * 6+8ˢ ? 09*ˢ5.B 08ˢ3+ˢ7+ , 1 1", ˢ<+4 , 1ˢ *60 +0 +*6ˢ .4ˢ / / : ˢ 0,0* 0*6+ ˢ3+1 + - ˢ0 .66. *ˢ40ˢ + ˢ3+. - ˢ40ˢ ˢ *3+ 0 0ˢ 06ˢ 5 1*+ 4. 0ˢ 0*0 ,7.""1ˢ 0+ˢ 5 .0 40ˢ <+4 , 8ˢ5. 6 2+8ˢ +*90*60ˢ 06ˢ0/ˢ + .9 1 + - ˢ0 "0+"1ˢ 0*60*67 - ˢ *ˢ 0+ - ˢ4 ,0.60ˢ $

" ' 4 02 8' ' *0 +8' 06' .670 +8' , .5 60' "+0 + *6 ' 40' ,1* " . 8' .A 3+16' *60 4, 0*4 (
' ' 06' 1 1", 1' " 20 .*41' ,1* " + - ' * "0' ,1* 4 ' *4 , 1' 0 " ' ,2 , ' 36 ' - '
5+* 6.6<8' 50' ,1*<+ .618' .*60:0 6 6' %.*40 - ?6+ *' 09 *.': ' 4 ' . .8' h 0 6 - 1 '
*. 60 ' 2.+4' "1*90' .' 1*4 *1' ,1*:0*6+8' 7.20 06' 1 1", ' , .+ .' .9 6.6.' 0 6' 09 '
4 * 2+8' !*1*' 9*. .' 6,+6' , 04 61 ' 09 *.@ * 6.*6 2+8' +6' 0*60*6 .' ,1*6 .' 0+* '
".6.' 0/0,+6 1* ' 40 - .*4. 06+6 ' ." 13+' 5 +8' ."+60 - ' 0/?3+.' 09* ' ."+8' 06' 5+2" , .'
0,+ 6.8' 50*40.6' *' 4 , - *0' :0 . < *1*' 12 ,+ .8' 0 "0' "" +8' 06' ,1* , 1 + - '
,1 6 1*08' ., ' - . ,7 * .6 1*08 ' 3+.0' " ,06' 01 + - ' , . 6 : 6.60' 3+14. - - 141' 15 6.0'
: 40.*6+ ' *1*' - 04 1, 0' 6. - 0*' 50 ,+"+ - ' +20 "0 ' *0' 9* 8' 12? , *0 2+8' ".60*8 '
" ' *09" 9.6+ ' *' +2 6+ - ' <+/6.' ., ' 50 * , 1 + - ' *,0*4 + - ' 0: .4 .6' *. - ' 06' 0 1 - '
1&. + - ' 50 - ' ,1<+ .6 8' 0/6X .' 09*+ - ' 71 6 2+8' *+*3+. - ' 40 +6+6. - ' 3+. - 4 +'
""0' * ' : 6.' +50 .2 6' 06' : ' .+6' . 6+V' , . ,0 0' 5 + - ' 04+, ' . ,' 4+,0 - ' 04 6 1* '
5 151* ' 51 0 ' 6.3+0' ., . - ' - .<0 6.60 - ' 1 . 0' + 06' 0' 0 5 ,0 06' 06' ."+6' 5 1'
5 .0' ,1* "0*44 09* ' *,1"+ - 6.6' 3+13+0' ,1* +"0 06' 3+.0' *1*' ." 60 ,1* 6. 0'
51 6' 3+. - ' ' *' 3 4+0"" 1* 8' 50 . 618' 018' "09 2+8' .* - .4:0 6.6+ ' (0,+*4+ - '
7.0,' ,+ - ' . "0*6 06+ ' 09 *. ' +6' 0*60*6 .' 0/0,+6 1* ' 40 - .*4. 06+ ' "; ' 1* ' 0'
3+0*6 8' - 0*" 8' 1 1", +8' .4' +55" , + - ' 21 .' 056 - .' - .6+6 *.' 5 14+4+8' 0 6' 06'
*' ' ,1""0 - ' <+/6.' 6+ - ' 404+4+8' + - ' *' 509 - .' .4' 4' 40 6 *.6 - ' ,1* ,0*4 "0 '
"1*9.' 1 .6 1*0' 515+"+ - ' .""1,+6+8' 0 6' .) 3+16 08 . 1*4 *0* ' : ,0,1 - 60' *60 '
50"".6+8' 3+. " 0' 5+ 9. 06' 06' 5. 08' +18' . , ,+ . 06' %+ *' 0/,+ .6 1*0' 5 .0 - ". '
,+ - ' <+ 618' 5. 08' +18' 5 1*+*, . 06' 1 .6 1*0 - ' 5 1 0,+6+8' 0 6' ' 06' ,+ 5. - ' 3+ 40 - '
40 ,1*:0*6 8' * , .' 09 *. ' *+56 8' 06' . , ,056 8' .' 51*6 6,0' 2 * 8' " 60 8' ,2* " "3+0'
06' . 4.' . - " . 6.60' ,+ - ' 5"0 3+0' 51*6 , 8' 5. 6 2+8' .44 4 8' * 6.' 5.". - ' .9*1: 6' '
,060 .', - *. ' 3+14' 09*+ - ' 0 0* "" - .0' 09 *.0' 0 50 0' 0 3+0' 50 ,+"+ - ' , 0. 0'
1*4 * ' 6.6+ - ' 6+ 2. ,' ,1* .6+8""6' 0.3+0' 40' 0' ,+ - ' 141" 1' 090 6' * , .6+8' 0 6'
%+* ' ." +4' , - 0* ' 3+1' 1*0 .2.6+ ' 4 "+ 6' 3+. " 51*6 , . - 0" 9 1*0 - ' *' 1, '
,+"61' . - 5"040 06+ ' ' I 4' :061' . 0:0 .*60 ' 50 *09.: 6' 06' *+*3+. - ' 1*6 , + - '
+ 0' 0' .+6' 0" 0' .+6' +6+ + - ' ' : :0 0' " ,0 ,6' . R - .: 6' %+ *' 0 0* " - .0'
09 *.0' - +"6 8' :0 2 8' ,"0 - 0*6 . - ' . ,' ' 20* 9* 6.60 - ' ".+4.: 6' 3+.0' 06' 10*. - '
- 6 9. "06' 60 - 5+ 3+0' : 6.0' .4' .9*1 ,0*4.' . ,' 40 "0*4.' 40" 4.' 6 .' 1*6' 4 ".X1' +5 '
5" , 1' 5 1 19. "06' 06' 0' 1 52.* 8' " 20 8' . ,' . - " .0' .4 " 4.0' 6+6 ,06*' 1 0' +"6 1'
51"" , 6.' 0 06' .4 1*0 3+0' 4060 6.6+8' . 6.*60 - ' 515+"+ - ' .4 - 1*+R ' *0' 0' "" 8'
- 5" ,06' .63 " ' 156. 0' 0' 4 / 6' +6' - 1 60' +.' * 8' "" 8' 0^' 50 ,+" 8' 3+.0' 09*+ - '
0 ,+ - 6.*6' - 51* ' 51" 06' %+ *' 1 - *0 8' .4 : 6.0' 0 - 0*4.6 1*0 - ' 21 6.6+8' 0 6'
0' 3+14' +91' .6 - 0 +8' 1" ' 5 1' ,1, 1*0' 4:. 4' : ' 60 - 51 2+8' 4 /0 .6' 1 0'
+6' 515+" ' 50, , .6 8' 06' * 3+ 6.6 2+8' 6.6+8' 0+8' 1*+ - ' " + - ' 090 - ' , 50 06'
40 - ' + +8' *9" , .*1' 09*1' ,1*6 *9.6' 06' 0 0* " - .0' 09 *.0' 4 08' 12' 0.*40 - '
, .+ . - ' ,1*6 .7.6' 1 . 0*6' 9 6+ ' 5 1' "1*9.' 5 +8' : 6.' *40""*0*60 ' .5+4' 0+ - '
+6' 4 +' 09*1' 5 .0 6' .4' 5 +8' 0, ,"0 .05. ,0 - 06' *9" .0' 0,+ 6.60 - ' 0' 3+ 40 - '
"" ' ' 0 ' 51" 06' : 6. - ' .4' - +*4 ' *0 - ' 156.6+ + - ' 3+ ' *1*' "1*90' +1' <+4 , 1'
2 6' 06' 3+0 *' - +"618' 0/' 8' 3) ' .4 +*6' : + 18' , 04.6' $1 6 0 - 1 ' . 6.*60 8' +6'
5 1' 0' . 40*6 " - .8' .4' 0+ - ' 5 0,08' +*40 0*6' 12 0, (: 6' 3+1' 2 ' <. - <. - ' - 1 '
6+ 1' *' 5+ .' :0 6.6 8' ,19* 6 1*0' 40' . ,' - 0 ,1 4 .0' 4 : *.0' 50' 5". , 40'
. ,' ,1* 6.*60 ' .4' 0+ - ' - 9 . 0' 4 ; *.' 20* * 6.60' ,1*,040 06+ ' %+ *' 0, 6.: 6'
." 3+16' 5 ." - 18' 06' ,+ - ' * - ,1 + - ' - 0*6 1' 1, ,+ "%06' 0 8' 0' 9*1 ,0 0' 4 / 6'
06' 1 0* 1*08' 405 0, .6+8' :0* . - ' .' 0 ,+ - 6.*6 2+8' 506 6' + - 3+0' *' .+ 0 -
0* ,1

& ' ' % ' ?' , . ,0 0' 04+4' . ,' 4+,08' 04 B ' .4' , .8 % 2+ *.8' 404+4+8' ' ' 1'
6 1*' 5 151* ' 5160 +*6' 6.3+0' 6 . 0' ' ' ' i ; ' 6 . 6.6' '
'%' ' '$' ' I' % 0' W8' ' ' B R ' ' '& ' ' 5 $

'

0* ,1'# 0 1'03+0 "/ 8' 1 4 * 8' : 1' 3+.04. -'4 / "%06' 51 60.' "0/.*4 .*' TZ0"'
"+-' ('$.+"' 40,.*+-' 3+' 0' 4.-' 150 .-' .4' 0/6 0-.-' : 6.0' 71 .-' .&.: 6'
5.+, 8'.4"1,+6+8' 0/+6.'619.' *'90*+.'5 1,+2+ 6' *60 -' 1Z0""+8'5 1' 01'5+2" ,0
5 0,08' ,1*,05 6'< ,+-3+0'515+"+8' ."6.' :1,0' .,,".-. "06' +6 0+8' 0<+8' - 0 0 06+
40,.*+8' 4+-' 0+8' 5 0,08' 5 :.6.8' +.40 06' "*9+ 8' .:, 0' <+" 6' L' %.*40-' .
,. * ,0' 506 6.'5 "-+-':,* .'06' . 01' ,1*,0 ".' 1 1", +8' ,0 : ,0-' 0,+ '50
,+6 0*4.-'5 .02+ 6' *.-'9 .6 .' , '5 *.0' .' 49 *.' -+6.61' 155" , '90*, 0' .4.
+, .6' 2 , "%1' ,.5 60' 06' 555+"1' 2 60*6.61' ,+-'71 .-'.4'5+2" ,+-' 504.,+"+-
5 1"" 6 06' 0 06 1' ,+-' 0 "3+1' ,1 51 0' -51"66+-' 06' *' : , *+-' 60-5"+-' .
41-0 6 , 8' 6 .*"".6+-' ,+ .*60' *+8' 1Z0""1' -1 0' 5.6 1' 05+"6+-'0 6' 1
1"4 ' -1 60' :. 0' 515+".608' . 04' +76' ,+-' *40' 5 -. .'4 9* 6.60' : '0/ - 8
1 6+*.0' .,' *.6+ . 0' 416 2+8' 1 3.6 ' -0-1 .' *' .* -18' * + 0*8' 018' .4 6* 0
,1 4 .-' ,1 - -1:0 06' *40' . 60' 1,+"18' 12:0 . 06+ '54 (+"' -.9< 6+41' *'3+14
5 .0, 5 6.6+ .'0 .6' *9" .'* 6' 6.-'5160*6 8' ,1*<+ .6 1* 8' .,'5 150'" ,+6' .',1* 4 8
5+6.2.6+ ' 0: 6.2 " 8' : 8' -.6+ 0' 5 6+8' 4+, 8' 50 ,+"2' + *.6.' 0 "06' /6 .
*9" .-' :0 1' ,060 +-' *' * +". ' 01 +-' 3+' 09 *.0' (,161 +-' ,.+ .0' .:02.*6
5. 608' " 1*' -04 1, 60 ' 0/' 01' ".20 .4.6.0' +*6 ' 06' .5+4' *18' 40' *+56 8' "0 0* """ -.0
9"1 +-?' 09 .,?' ,+-' 0 ,1' *4 +-'6"+,0' 09 8' .6 0' ,1*6 .70*4 8' -0*6 1
.*60' *<04.' 5.+".6 -' ,:.*+ 6K' .4 * 6.6 8' *1 6 .,' 40 40 1' *' .* -1' 90*0 1 .0
10- *.,' " -+".,'50 ,+"1' 62' 40 +*4.' : .'0 6' ., "0' 0/6 *41

!' 7 ' +-56+ -40 1 1", 1' +55" , +-' * 40-' ,1*:0*6 2+8' +6' -1" '
6 1* 2+8' ,".*40 6 * 8' .,' ,1 <+ .6 1* 2 <8' 3+.0' *' 09*1' 5. " -' .9 6.2.*6+ ' : .'
5 .0,"+40 ,6+ ' .*, 6+-' 6' +6' 3+ ,+*3+0' 0/' 1 1", .*.0' . 1* 8' 0" 3+ 8'
. ,08' 155 4. ' -+* 6 1*08' -.,7 *.8' 06' .55. .6+-'20"" ,+-'1,,+5. 0*6' .+6' *.:0 8'
*60 , 50 0*6' , - *0' 50 4+0"" 1* 8' 60*0 0*6+ '510*.' -1<6 8' 06' 21*1 +-' . - 6'
4* 8' *' 018' ,1* 6 6+6. ' 06' .40-561' 60-' ,"0 ,.6+ .0' 06' .*4+. ' 3+14' :1,.*6'
20*0 , 1' 1 : 1' 60-' 06' .47+,' .5+4' *9"18' *1*' 5 1 - + 9.61' 5"., 61' 40, 06+-'
66' +6' *0 - 1' 40' " 20 .6 1*0' 0<+8' 3+ ' 12' 50 4+0"" 1* 8' +"5 , 1*0 -' : *4+8' 0 "06'
.90 0' 5.""06' < 3+ ' :0 1' 0+-' 3+ ' :0' 0/60 *+8' :0' *4 90*.' , - *0' ".0".0' -.'
<0 6.6 8 '60*0 06+ ' "20 6.6' 0 6 6+0 0' ,17.6) 8' 0 "06' 8' 6.*3+.-' 50 4+0"" 8' 510*.'
,.5 6 8' 06' . - " 1* 8' 21*1 +-' -+"4. 06+ '' ' 40* 3+0' 51 6' 0*60*6 .-' *' 50 '
4 0"R -' ".6. -' 40#01' " 20 .*41' 3+ 8' 09 "06' 0.40-' 510*. ' 3+.' -.<0 6.6 8 0' 5+'
* +*6+ ' ,10 ,0 06+ ' .0,' 0:0 6.8' 60-51 ' .,,1 - -14.6.' . 0 0 "%. .' : .'
0 6' .,' 5 2 *40' .44 6+-' +6' 7.0,' 4+1' 04 4.' 6.*6+-' :."0 0*6' 3+. -4 +' 09 *.'
: :0 0

& ' $' 1' 8' +-56+ *' ! 0' 0 1", 1%+55" , +-'.4' . .-' - "'E+"' ' .Z. +8
S.4+" +8' D(.4"0 +8' %71 - .8' ' h ""2*+8' <+ ,1* +"6+8' 06' %71 - .8' N 1 - 0 +8' ,'
5 1,+ .61 ' 3+ ' " .2067.0' *1 - *0' 0/51 6+". 0*6' 3+14' 5 .' 6 6+" -' 06' * 9* .'
6,9*' *9" .0' + 5. "06' *0,' 8' ,+6' 4 -2+ 90* ' 1040 0' ,.+6+-' 0 .6' 0'
*+*0 ."%06' *' 0/60 8' 09* 8' 0' .' + 8' 09 *. -' *9" .0' 71 - *. '5+2" ,0' 5. ".' 0 "06'
01,1 " 1' 09 .' *,1* +"64' ,+-' 1 1", 1' *9" , ' *1 - * 8' 71 6 + 6' *60 :0*6+''
.9 6.6.8' *+56 .8' *' 0560 A6 1*."'5 1: *, .' 3" , 6.618' 515 ""18' 06' 04 6 1*0 -' 0/ '
, 6.6. -' .4' 1 1", +-' 0' ,. ,0 0' " 20 .*4+-' * 7 "' *1*' 60*6.6+-' 2<04+-'
,6' 3+14' 020""0 8' *9"18' *' (,16 .' 06' 0"9 1' +2"0:. " 06' .4' *:.40*4. -' *9" . -
.+/ " .

& ' % ' (' M' A '. ' ' (' $' ' +. $' ('
' 1,'.**1' 0*1:.6.' ' ' '1'4' L' ' ' L

% , $, , '! '' ? ' ' , ' ' 'R ' + * ' R ' '% 0
d

. 6*' ' >

. ' C ' -

' .+/ " .' .'51*6 ,0' 06' $7 " 551' 06' ." 8' 50 ' 120 6+ - ' 141" +* ' * 5"1 . 06' 2+" . - '
' ' +" - *. 6 ,0 - ' .' 51*6 ,0' ,1*6 .' 0' 0 - 0 4 , . "06' " 60 .8' .2' 0140 - ' . , ,05 ",6'
3+ 2+8' "R ' 6.*3+. - ' 9. "" * .' 5+"618' 6.' 0' 5 . - ' *' 51 60 + - ' 1:0 0' 06' 3+ ' 5 1'
0.' 6.2.*6' 5 1' :0 8' 0, ,"0" .0' " 8' 7.20 0 40, 0: "0' 1 60*402.6' 4' 7.8' , - '
*.6 1*08' 5 - + - ' ". ,7 - .0' ,+ - ' + 5 8' *1*' 6. *' +55" , 8' 3+. - ' . - 0*6 8' - ." 8'
5 1 + .0' 40 *' +2' .4' 0' 04 6' 6 6+"18' 06' * 9* .' 09*' *9" .0' + + 5. "0' 50 '
09. : 6' < 0.' 2' 0 + - ' 9. .0' .' 1,0 1' 06' - . 61' - 51 6' 51 6' J .*, , ' - 1 60 - '
6.6 - ' 1 - .' *03+0' :0 1' " .2067.' +5 6 60' .+6' " 20 8' 0/' 0.' 5 1, 0.6 8' 3+ 4'
3+. - ' *' 09*1' <+ 8' 2' . 19.60' 40' *+< 8' ,+*' 1 1", 1' *' 09 *.0' 406 '
- 0*6+ - ' *+*3+. - ' ,19 6. 0' 2' 3+ 550' ,1*6 .' 50 . + - ' 0.85 2" , . ,' 0 21*1'
+6+ .8' ' 5 1 *40' 8' 3+ .' 40 - ' ,1*<+9. "0 *' 12 6 */0 .6' *1*' 0*+*, . "0' 2+"". - '
*03+0 5 1,+ . 0' ' 6.*6+ - ' 07 - ' 0/0 - 5". ' - 5 0"%+ - ' : 4 "%0' 3+14 '"04+ - ' 6.6 - '
9*' 6 . , 40 6' 141" ' 150 .' 3+0 Q' 9 .6 . .5+,% 51*6 ,0 - ' : . "0 0' *1 :0 .6' *' 0'
50,+* . .' +" 7.' 0 "0' " 60 .8' .' 51*6 ,0' 5 06.6 8' . ,' ,1* 1". 6 1* 8' 5"0*.8' 0' . , ,0'
5 0' *1*' * , .6.' 0 6' 3+14' 40' .+/ " 8' .2' 5 1' 06' $7 " 551' .4' *: .40*4. - ' *9" . - '
506 6 8' 04 6 1*0' 6 09*1' 0/, 6.6. ' .4<04+ - ' 0 .6' 5 1 +8' 40*09. : 6' 6' 3+ .'
" 60 .0' 9*16 8' " 60 8' .4' # 1" 61*+6*' 06' ."" + - ' . - 2 9+1' 0 - 1*0' , 56. ,' 5 1'
4+,02.*6+ ' 40' 8' 0' 5+ 9. 0' 5. . 5' *' 5+2" , 8' 09*' ,1 - 6 8' 1 60*4 6' '
4 8' *60 ' 7.0,' - 0 .*4+ - ' *' - 14+ - ' (,16 .' 4 :0/ .2.6+ ' *1 6 8' 1 - * ' 150'
.5+4' 09*' 4 *0(' .6.90*6 2+8' +6' . .' *' 09*+ - ' 0 6 6+0"/6+ ' ' - /1' 3+ 550'
E. "" , ' *1 - * 8' 40,+8' ".04 ' ' 50 ,+"+ - ' 09 *.0' 6. *' 5 15 *3+.0' 06' ,+<+8' * '
<+ 6.' .24 , .6 3' .4' 1 - *08' 5 *, 508' 0/0 - 5"1' 50 6 *0.6' *09"0/ "0' : 40.6+ ' ' 0'
,1* , 0*4.0' *1*' ." . - ' 0' : 40 0' .6 1*0 - ' 3+. - ' ' +6' 4 " 4 .' ,1 - 51*.*6+ '
:" ' 21*' .2' +6 .3+0' 5. 60' 0" 90*6+ ' 3+' 5+2" , . - ' 0 - ' *N,' 5+0 ' 09 8' *0,' 0B
9 *.0' *1 - *0' .4 - * 6 0*6' *. - ' 3+.*6+ - ' .4' 0' .66 706' 0' 0+ - ' 5 1' 090' .9'
*1 ,0 0' *1*' 51 ", ' 37.*413+ 40 - ' *+"" + - ' *' 09*1' <+8' * ' 50 ' - .6 0 - ' 7.20.6'
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*60 0.' :06+ 6+ - ' *60 ' E. ""18' 06' (,1618' 104+8' 0 : .*4+ - ' " ' ,1*6 .' 60*402.*6'
(,1618' 09 1' - 50 1' . "+0618' *' - * 6 .6 1 0 - ' "". - ' ,1* + . - ' - * - 0' +*3+.*'
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09 6+ ' 09 *. - ' <+ 60' .24 , .6. - ' U6' 090 - ' 60' *.+9+ .6+ - ' ' 3+.*6+ - .4' %104+8'
""+4' .*6 3++ - ' 4' *1*' *60 ' 50 1*.8' 04' *60 ' 09*.' E. "" .0' 06' (,16 .0 ,1*'
6 . 6+ - ' + "0 ' + - ' *1 6 ' * 6.*60 ' .401' 02+8' (,1 .0' 6+40*6' "5.*' 0140 - '
1 , 1' 5.". - ' +*902.*6+ ' *' 1, ,+"61' .+60*' .4:0 . - ' . " 1*0*' * 4 1 0' ."02.*6'
' (061*1' * 6 9.*60' 3+' +2' 4' 12 1"061' *.+6.0' 7.2 6 ' ' . Z ,+ - ' .55+" +8' 06'
,". - ' +2 - * 6 .6.' 50,+* .' .* - 18' .+40*6 2+8' . ,<52.6' ' 06' (,16. ' 3+.0' . , ,0*"2'
*' E. "" " ' 20""1' 5. + - ' 5 .0 4 ' *' *12 8' : 40 06' .4' 5.71 + - ' 5. 60(' *," *. 0'
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& ' 1,' .**1' 0*1: .6.' 0 6' "%0+61* , .0' 1, 06.6 8' - +"6 8' 5 : "09 8' . ,' - '
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,+ - ' 09 2+8' : , * 8' ,1*60*6 1' 0/' 0.' , , . 1 "0' + - ' +50 1 0' .**1' (606 *' 51"X'
140**. "0' 2 0""+ - ' +20,0* 2+8' ,+ - ' A1.**0?? (+0,1 + - ' *1 :1' 090' ,1*:0* "06'
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E1"1* . 3+.0 06 .".0 ., (.".0 ".*4 8 .4 6.8 2.+4
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0+' - 06 151"08 ' # +20, . - ' 1"1* . - ' +* : , . - ' 06' E04 . *+ - ' 0/' 3+1' *+ '
- 0 1' ,+ - ' . * *17+<+8' . 0 ,+" / : - ' 0<,4.0' +< 0*6' / ;' , : 6.608 ' .47+,714 0' *'
1, 06.60' 0 - . * 0 +*6' ' ' ? &. *4. , .0' : ' $1 - 0 . * , .0 ' : ' 1 + %.0' ; '
:1* , . ,' "" ' (. /1* , .0' / ' h , 657. " , .0' / ' " : , .0' 0+' . , , .0' : * ' % . * '
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6 ' - *+8' *9" ' (,16 ' .6. : ' J". *4 ' "0 <X. * H . * ' (+04 ' $1"1* ' 5 : "09 8'
1, 06.6 8' *' 0 - 51 8' "" ' + ' 55" * ' .6 :0 1 *' 155 4 8' . ,' 5.9 8' , : 6.6+ - '
1, 06.6 8' .4' 5 : "09 1 - - ' 5. 6 , 5.6 1*0 - ' *1*' .4 - 66+*6+ ' 5 + 3+. - '<+8' , : '
6.6 8' *' . " 3+.' , : 6.6+ - ' 1, 06.60' ,4 - 5 070* . + - ' .4056' +0 *6' G+.6+1 ' .+60 - '
" .' 0 - 51 .' +*6' 1*4 *+ - ' 3+14' A1, 06.6' .2' 0* ,1' ' *9"1 + - ' 090'
. * *1' 7 6' , 5' ' .66 2+6+ - ' 0 6' ' ,+<+8' + - - . - ' 40 - ' . ,' - .' .+/ " .' 0/50 6'
51 60 ' 0908' ' 06' 4: . 4+8' . * ' *5 - 8' 24"1' .4:0 +8' *18' 0" , 60 ' 90 65' *0916 .B
61 '08 ||| %0+61* , ,1"" ,9 ' *+"< 8' *1 : 8' :0 6 9. " 2+8' 6 2+6 8' 0/ .4 1* 2+8' +2 4 8'
." :0' 5 .0 6.6 1* 2+8' 40 * ,058' 1*0 . *418' . * / 6' 50,+" . ' 4 5"1 - .60 ' 3+14' '
, . 4+8' ' 0* , ' : ' : ' : ' 0" 9 1 0' 0 : . +*6' 41*00' . 40*60' *60 ' *9"18' 06'
. *18' 20" 1 ' ,+ - ' *' P 0""0 51*61' @. * ,1' *9"1 + - ' * . ;08'A*<0 ,056.0' + 0*6'
.2' *9" 8' 5. 60 ' * . :08' ' %0+61* , .0' 1, 06.6 8' , .56. , . ,' 1" .6.0' +*6' 3+14'
* 6 + - ' 20" 1' 6 01*. " ' *9" 8' ,+ - ' , : 6.6 2 <8' , .+ .5.' 5 .02+ 6' 6.*40 - ' . 1"0
L + 9 *4 ' 3+ ' 4: . 4' 1 1 0 - ' +/1 0*" 4+/0 .6' *60 ;0*6+' 2% .<0 6' .4' 1 . - '
,1 - 51 61 ' . * *1' ' , , , , / / ; ' 2' 01' 60 - 51 0' 50 ' . * *18' , , 60 ' / / ,' +2'
, (41' ' 0* , 8' & ' : ' 06 4: . 41' : ' E0 - .7/' - - + 6.608' *' *9" .'
+.8' 06 *+0 + * 6 \' " ,06' 0.8 E04. *0* 08' . " 3+. *6+ - ' 6+ 2. :0 *6' "60 + - ' 0 - 51B
+ - ' 0' 9 8' 7.2+0 +*6' 20' J". *4 .0' . - 5" - . ' 06' 0"09. *6 " - 8' .04 , 8'
1 * .6.8' 3+.0' .' 1, X8?' 03+0*6. ' ,105 6' , , .' . * *+ - ' @' 40 - + - ' . * *1'
, , / / : ' 51"" ' - +"6+ .' 40' 5 6 * .' 15+"0(6 .' . - 6 ' 51 63+. - ' - " . *3 - ' 1 '
- . *2 + - ' 090 - ' 5 .0, 5+ 8' - 7 6 ;+E1* 5026+' "" +8' 1, , 8' , .56+ - ' 9*1 - * 1 2'
, . ,0 0' * ,"+ 0 +*6' . - ' J 4U ,+8' .0 . ' 5. 0*8?' ,<+8' - 1/' 6162' - 50 1' .4'
. - .' ,1* , 6.61' * ' 0"9 + - ' 40 00*4 6' 06' 51 6+' +90* + - ' 1(6 +41' *' , .+ .'
+ 6' +6' ,1 - - 0 , + - ' 1 - *0' (' *6+0 5 . - ' * ?' 6+.6 , 8' 6 . *8 0 06+ ' 06' 1, 06.6 8'
, : 6.608' *' 0.' ". 0* ' 40 * ,058' ,2""1, . 0*6' + - 35 - +20,0* + - ' 19.66" .4'
5 : R9 .' 1, 06.6' .'A1. * *0' ' .2. *6 .0' 4+,2' . * *1' , 1' , , , / :' ,1* ,0 ". ' 06' 50 '
* + - ' .2. *6 .0' 60 - ' 4+,0 - ' , 1' , , , , /' ,1* - .6. ' $7 " 55 ' .2' *6+0 5 '
0* 2+8' 0/1 .6' .+ 61 6.8' . * *1' +<+8' .0,+" ' ' . , ,0 "06' *' ,1 - 6 8' 1^06.6 8'
40, 06+ - ' 0 6' + ' ,1""09 + - ' *6+0 5 .0' ,1* 6 6+0 06+ ' 41 - 1' 5+2" , .' *' + 20'
0/ 6 + 6. ' *' 3+.' 5 15 . - '<+ 4 6 1*0 - ' 0*.6+8' - 0 , .61 + - ' 7.20 06'< 0.3+0' 40
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& % ' V .2. *6 .' L

' % $ ' 2 3' ! E ! " 3' S' 8 "#> $ 2 1 ! ' .# # ! * $ 52 " '
8 ! ! " 3$ 2 /#$$ U) ' ' ;)' /)$ ' - ! ,)'#! ' !#$

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: ' &. *4. , .0' +*6< +20S' . - 21+ 9' 1 61R' <(+ .6' 0 Z1 4' $.40 21 - ' 0 - 9. ' "0 0"4' 5'
(+*4' ! ' 0' (6 ." +*4@ h - . ' +*021+ 9' 5. ' 58 0"
, $; " " " $ ' (606 ' * ,". - ' E1"*1* ' : ' " : , .0' 0+' . , , .0 ' . - ' 1"19*0'
E 5 Z."4' 1"20 9' (6. 9. 4 ' (61"5' +90*Z."4' h 0 0" ' + 21+ 9' "7 - 0 R' h . 21+ 9') **.
& ' $ + , .0 ' +" - ' %71 - ' "2 *9' . *6H R' \' - ' $. * 0". * .0' . - 50* ' (Z0"" ' 0:0*60 '
S? 20 9' .+7 20 9' f ' L : E0" R .0' ' - 09+0* ' =+6570* + 0
" ' :1* , .0 ' 9. ' 0 5 ' 0:0" ' .1*4 0* . , |||&0*"1 ' "2+ 9' . 40 Z ,R?
' (. /1* , .0' .94021+ 9' - * Z 9' E1 ". ' '<' ' J , .0k E 10* *9+0* ' (6. :40* ' 1" Z0
- 20,R' E166 *90* ' I "40 " 0 - ' . * *1:0 ') ' 40* ' 4 ' 5 ' ?

ˢ)# ˢ))

V 1:59. 4 .0ˢ *ˢ + "2 + -ˢ - 50 .61 8ˢ 4 6 1*0ˢ . - 5" "" - .ˢ , : 6.60ˢ 60 6 + - ˢ 0 - ˢ
51 + - ˢ 1, 06.6ˢ . *60ˢ , , ,ˢ . * *18ˢ . " 9*.6+ - ˢ 0 6ˢ p ˢ ˢ 5. 66 + - ˢ .ˢ 2 . : .ˢ :1* , . ˢ ˢ
<6/ / : ˢ .ˢ ,ˢ $"0 ,1: . ˢ , / /ˢ .ˢ 1 , .ˢ + "2 + - ˢ - 06 151" ˢ (04ˢ ,1 - - 0 , + - ˢ 12
".0: 6 . - ˢ . ,ˢ 50 4 . - ˢ A1. * * 8ˢ 1 , ˢ 4ˢ 0: ." . - ˢ *40ˢ 6 . * ".6+ - ˢ 1 6 0 - 1ˢ .ˢ + " 8
5 8ˢ 0: ." 0* + - ˢ *<1 . - ˢ , .+ . *6 258 ˢ 51 63+. - ˢ " . : . - ˢ :17 , . - ˢ 1, ,+5.6+*6
- 0 ,08 ˢ 3+.0ˢ 0: ." . - ˢ . *60ˢ 40:0702. *6+ ˢ 01ˢ 40 0 0*4.Xˢ ,+ . :0 +*6ˢ 06ˢ 040 -
0 - 51 ˢ + , ˢ 3+.0ˢ 0: ." .0ˢ . *60.ˢ 0 .6ˢ . .0ˢ ,1""1, . +*6ˢ . * *1ˢ 7+<+(.0,+"
& ˢ < 3+1ˢ - 1/ˢ *9" ˢ 0"9.0 ˢ G "" ˢ - .9*1ˢ 01*,+ +?ˢ +54 3+0 ,1* "+/0 +*0
- +"6+ - ˢ 0 - 0*60ˢ :1* , ˢ 4 * 8ˢ - .9 6 1ˢ 06ˢ . ,7 05 ,151ˢ U 90* ˢ 06ˢ 40ˢ
<+ .ˢ - 50 1ˢ .4.?ˢ .5+4ˢ J0 4 * . *4+ - ˢ U .0 . 0 - ˢ ,1 - - +* , .61ˢ 6 - ˢ ,1* " 5ˢ 0/
51 6+". *6 2+8 ˢ 1*6 *+.6+ - ˢ *) " "1 - *+8ˢ 01 - - 0 , + - ˢ . ,ˢ * . : 9.6 1 ˢ 41*00ˢ ,+8
(+0,1 + - ˢ 0/ ˢ ,+ *+"". - ˢ *1*ˢ : , * 8ˢ *,1 - - 14. *4 ˢ 1, , . <1*0 - ˢ . 50 0ˢ *4+8
, .6ˢ +20,0* + *ˢ * . :0 8ˢ . : .ˢ 040+*60 8ˢ 71 6<"60 ˢ , .56.8ˢ 0: ." . - ˢ 06ˢ ˢ (62,71"
- . - ˢ 4+4 ˢ . ,?* 0< ,0 8ˢ 1 - *0 8ˢ *ˢ 0+ - ˢ 04 9 ˢ <+ 6 ˢ 3+14ˢ 1 0* * ." ˢ 40ˢ 3+1
4 / - +8 ˢ 20""1ˢ , .+ . - ˢ 5 .02+ 6 ˢ (06 *0* 5. ,0ˢ 15 61ˢ ˢ 04ˢ ,+ - ˢ A1. * *08ˢ 5.4 8
*1*ˢ 6. 06ˢ 0. *ˢ 12ˢ , .+ .5 ˢ 5 .0, 5+0ˢ , : 6.6 - ˢ ,1* :0*6+8ˢ 710ˢ . "*1ˢ * 6 6+6+8ˢ 0 6
G+. 6+ - ˢ 1, 06.6 8ˢ - 51 + - ˢ 8ˢ 0 9.0ˢ *ˢ 1 :09 .ˢ + 6ˢ ' +2 ˢ 06ˢ - .9 8ˢ 0/5 0 ".ˢ
. *6 3+ˢ 1040 8ˢ :0 6 9 .ˢ 3+. - ˢ ." 2 ˢ 0 - . * 0< +*6ˢ 04ˢ 6 .4+ˢ 60 - 51 8ˢ . * , .?ˢ
*12 " 6.60ˢ 3+.0 6+ˢ * ""04.ˢ 06ˢ 2ˢ ˢ J 40 ,1ˢ ˢ 090ˢ * 6 61 . .ˢ . , 0*60 ˢ 1, 06.6 ˢ
- +"6+ - ˢ *ˢ 0.ˢ 5 1: * , .ˢ 40,0 " 6ˢ + - 3+0ˢ 0.ˢ 40ˢ 0ˢ .5+4ˢ J 40 ,+ - ˢ * ˢ 50 ˢ "0B
9.608ˢ 4: 6.608ˢ 0/51) +". "0*6 ˢ ""0ˢ . *60ˢ / / Q* * 2 "ˢ 06 ˢ .": .ˢ <+ . ˢ 5 : "09 . ˢ - - + ˢ
* 6.608ˢ 0 8ˢ 0ˢ 09 .ˢ 40ˢ 0 : .6+ + *ˢ 0 51*4 %06ˢ 6. - 0*ˢ *03+0ˢ *12 " 6.6 ˢ 5. * , .0ˢ
* . : 9.6 1*08ˢ *7 2 6ˢ 06ˢ 15 ,+ - ˢ ,1""09 . ˢ 3+.0ˢ 3, ˢ 0"9.0ˢ + 8ˢ 41 - , " 8ˢ .4 ˢ
<+*4.ˢ ,166 - 6 - ˢ 0, + - ˢ " 20 6.60ˢ + ˢ 5.6 02. *6+ ˢ 1 - * *1ˢ .21"0: 6ˢ 8ˢ 06ˢ ." 8ˢ
40ˢ , .+ 8ˢ ,0"020 6 - 8ˢ ,1* :0*6+8ˢ 71, ˢ .7*1ˢ +20, .0ˢ 7.2 6+8ˢ 0 6ˢ *ˢ 3+1ˢ . *6 3+.ˢ
<+ .ˢ 0*1: .6. ˢ 06ˢ 5"0 .3 0ˢ 400 ˢ 06.ˢ .4 . ˢ X`+1 + - ˢ 4" .ˢ .4ˢ 4 5" * . - ˢ *60 ˢ 5, 18ˢ
0 : . *4. - ˢ 50 6 *0*6 .ˢ 60*+0 +*6ˢ ." . ˢ 3+.0ˢ 0/60 *18ˢ 5 *, 508ˢ 504. *6ˢ 50 ˢ "0 ˢ
9.618ˢ 0/5" , .6.ˢ - .<1 0 - ˢ 5. 60 - ˢ 6.ˢ +0 +*6 ˢ ˢ ?ˢ ˢ ?
ˢ (+$ ˢ . * *1ˢ 0/ˢ 51 6ˢ <+,+*4+ ˢ +606 .0ˢ ,0""2 .6+ - ˢ *9 0 "+ - ˢ
ˢ "10 .8ˢ ,+ - ˢ 09 * .ˢ 5. 0*6, ˢ *4 *1 ˢ . ,ˢ "0*31* 1ˢ .6 2+8ˢ :0*0 .6ˢ +6ˢ 5. ,0ˢ *+50 ˢ
5. 6.ˢ 08ˢ .47+,ˢ *,0 6.8 - . 06ˢ 06ˢ . : . . - ˢ 5 *, 508 ˢ 1" * + - ˢ . ,ˢ ,060 18ˢ
$ 160 6. *6 + - ˢ 5 1, 08ˢ .4ˢ :0* 0*4+ - ˢ *ˢ .+". - ˢ 0ˢ 5 15 *3+1ˢ * : 6. 06 ˢ 60 + .ˢ
- " 1ˢ ,+6 ˢ . *60.ˢ 40 - 1* 6 . : - +8 ˢ Xˢ 1"%.01 ˢ 3+ ˢ 06ˢ +50"". *+ - ˢ ,1* :0*6+ - ˢ
- +"6.8ˢ 12ˢ , .+ .8ˢ 09 ˢ + 504+ - ˢ 1":0 06 ˢ 06ˢ 1" * ˢ .4:0*6+ - ˢ - .6+ . 06ˢ "?7 8ˢ
- . / - 0ˢ .6 1* 2+8 ˢ 3+14ˢ ,+"*ˢ 40ˢ 20""3ˢ *ˢ 0"9 + - ˢ 6 . *8 0 0*41ˢ 0/ˢ *+50 ˢ ,+ - ˢ
(". "2: 1ˢ .90 06 ˢ - +"6.0ˢ 4 " ,+"6.608ˢ 1, . "0*6 ˢ *ˢ .4:0*6+ - ˢ 0<+8ˢ + 50* .0 ˢ
3+.0ˢ * ˢ ,1 . - ˢ 0 /ˢ "" +8ˢ 0*60*6 .ˢ .6 8ˢ ,17 - 140ˢ 0/5" , . ˢ 51 "%0ˢ : 402. *6+ ˢ
- 60 0.ˢ *ˢ .+".ˢ ,1* +"6.6 - ˢ . +*6 ˢ 40ˢ *" 4 . + - ˢ 1" * 1ˢ . ,ˢ 6060 8ˢ $ 160 6. *6"+ - ˢ
5 1,0 2+8ˢ 6 +"<". . - ˢ .6 1*0 ˢ ,1 . - ˢ 09 * .ˢ - .6 0 ˢ 0* ,1ˢ ˢ *4 + - ˢ 4+,0 ˢ . 1"1ˢ
, . 4 * ." ˢ 16. *91 ˢ ". +4 1ˢ ˢ + - ." 1ˢ .6 0 ˢ 0* ,1ˢ E+ 1ˢ 0* ˢ Vˢ .91
Vˢ 5 h . *,0"". 1ˢ ." 8 ˢ , - 3+0ˢ .9 6.6. - ˢ *ˢ 01ˢ 5 1ˢ ,1* ,". : ˢ *ˢ 3+1ˢ / : ˢ .7* 8ˢ 51 6
ˢ ? ˢ ?<+"%+

& ˢ % I?5 1, . * 0"". 1ˢ "20 61E1* ˢ * ˢ 4+,0 ˢ .44+*6ˢ < 0 - 3+0ˢ .9 6.6. *ˢ $ˢ " "$
4 1ˢ .40 . + - ˢ ,1 - 60 ˢ $06 1ˢ E1*4 1ˢ $. 0*" ˢ 0 ˢ 4 ˢ 06ˢ " ˢ ?
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ˢ % ˢ ˢ ! U ˢ &% $ˢ ˢ . ' ˢ $ 0 ˢ , ˢ ˢ
ˢ ˢ , ˢ Vˢ ˢ % 0ˢ ˢ ˢ A ˢ ˢ L

!) ˢ ˢ ˢ .90 - . *+840 1040 04: 6.6+ - . * ˢ % 0ˢ , ˢ 1 - *08ˢ 04 6 1*08 ˢ ,1 90*4+ - . ˢ
0.6 , . + - ˢ J . * ,1 ˢ TT_e 1ˢ , .5ˢ 8 ˢ . 6 H14ˢ *1*ˢ $ ˢ ˢ +6ˢ 0/6." *0.ˢ +50 1 0ˢ
+2AJ 040 ,1% ˢ 04ˢ 6 2 7 6 . *4ˢ * ˢ . , , 4 "0 ˢ ˢ <
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' <+ " 0* , ' ' E+ +8 *60 04+8 0 6< 06 51 60. ' +6 . ,+ 1 68 12 0 - 6+ - ' 0 6
' ,+ - ' *1: .0 4 ,+"6.608 21 6.0 0 "0*6 ' 53 6 04 6+ - ' .4 + 20 - ' .4 D "141."4
51*60 - ' * 0 1*; - ' E1*4 ' .04 2+8 :1"+56. 8 ' * 3+ 2+8 5 1/ - 1 51 6 E+
- 1 60 - ' .**1 0 ' 5 0 . - 1*. ,71 4060 6.*4. .+4. , . ,+"6 1 1, , +8 + 6 ' ' $". ,+0 .6
* 6 1 ' *60 ' ." . 504. ,+". 3+.0 * *+56 ." 2+8 "+4 8 ' .55. . ' 1"0*6 ' +6 * * +".
, +5. .0 . , ' 1551 6. . / " 9*0. 0/6 +0 06+ ' ' 3+. - ' *40 *4 *+8 ,+ - ' 40"04.
- .*+ 6+0 06+ ' *40 . : . +8 - " 6. ' 50, 0 ,+ - ' 1" * 1 . , ,060 8 $ 160 6.*6 + -
5 1,0 2+8 155+9*. 06 ?61 - 0*6 8 ' 04 *0 5 " 8 06 ,"15506 8 +6 *3+0 4 5"1 8
,2*:0*0 .63+0 ' +6 * 01 ,1* " 4+ . , ,0* 8 .* - 8 ' .4 " 9*+ - 4.6+ - ' 5 " 8 * ,"1550618
- - 8 08 0 06+ ' 06 6. 3+. ' / . *60 ') 4+ - 0/1 6. , .04 8 42* 6" + - 6090 06+
+ 3+ 40 - ' . / * " +". 0/6 +4. + 6 ' 04 ,+ - ' 0. 08 , .+6 1 2+8 +"5 , 1*0 - ' *
<0, "%06 ' *0, . , "0 5 3,0 08 ' +6 0,0*6 2*8 .47+, 14 8 .4 71, 50 ,+"1 + - ,0 6. - 0*
40 ,0*40 0*6 ' *4+, ' 51"%0 .55. 0 06 ' . / " . *14 ' .*603+. - ' + 5 , 1 <. - *.6. *
.* - 8 ."6 1 08 .4 ,08 .90 06 ' 09 8 <+"%+ - .60 . *40 ,1 - 51 6.6. 5 ** *1 +2".6.
0 6 ' 4 06 . . ' " 9*0 1" ' , .04 ' 40 3+. +5 . 4 / - +8 ' , .+ . - 404 "%0 3+ 4. - ' , 5 0 0
3+ ' 40 01 ,1* " 1 .2 *4 *1 " 2 ' ,1 - - +* , .60 ." 3+ 4 0 0 :0 .6 . - 3+1
4. - 4 0 * ,1*,". :0 09 8 .4 7 "+8 ' ,+ - ' 5 + - ' 1" 61 61 - . ,71" 1 0 - ' 050 06
12 * 3+.8 $ 160 6.*6 + - ' 06 ,+ - ' - * 8 ,1*<+*4.8 0/51 6+".6 1*08 ' ""0 " :0 50
: .* 6.60 - ' :0 - 5 +40*6 . - ' 09 ' * .+ 0 - ' * + + ."0? 4 , 6+ ' 4+ . 06 ' *03+0
: *, ' 5.6 0*6 . - ' +. - ' 5.60 06+ ' *. - ' 2 ' 1 0< +6 5 ' 50 ' 6+ 0 - ' "". - ' 40
- 51 6+* 8 06 * 3+ 8 71 - * 2+ ' .6 8 0 06 ' G+1 4 41 X/ 5, ,+" +8 :1,0*
,1 - 5 3A`"K ' . ,+*41 * 50, 0 - ' :+"6+ ' 3+. ' 0 ' 9*. +8 ' 06 - 1/ 9*0 1" + -
+21 *.6 8 8 ' 3+18 - 0 - 1 . : ' *60 , ' <+"" 6 ' *0 05 06+ - ' 3+14 5.+, 8 ,1 -
- +* , .6+ - ' :1"02.6 .6 8 9. +" 6.60 I40604+ - ' * 5"+ 08 ' .63+0 .401 .4 ""18
3+ ' 50602. *6+ ' 0 - . . 06 U " . - 6. - 0* ." ' .04 8 0<+8 , .+ . - ' 0 06+*6 ' 3+14
* - + - ' ""0 ,+ - <6 *, 5." ' 10 - *. . - " . 60 ' ,1* +0 00 06 ' 3+14 - 5.6 0*60
0 0*8 0/ ' +6 0 .6 :070 - 0*60 06 .4 1 - *0 - ' *<+ .* ' * 1"0G6 ' .* 5 1 5 + - 40
- 04 1 6.6 - 61""0*4+*" ,+ . :0 6 G+ ' 9*0 1" ' , .040 - ' .4 ." . - ' , .+ . - ' 0
0 +*6 ' 71, 06 . - .44+*6 ' <090*" 4 ,1* " ' 3+14 51 60. - .6 0 06 *4 *1 .6 0
+.40*6 2+8 0,+6+8 0 6 ' 0/ ' *0,0"" 6.60 516 +8 ' 3+. - ' 7.2 6. 4 + .*60 40" 20 .6 1*0
,05 "%0 ' 3+ 550 0 ' 6+*, 9*. + - ' 3+. - ' " ' "" ' ,+ - ' 8 ' 3+18 4 / ' * 6 1 .9 6.
:0 *6 ' (+2 4 60 - 5+8 . "16. 1 21* . +41: , ' 1 21* ' X 1*50* 0 ' " . *
E0 - .* . - 5 2 +9 6 ' 06 .4 J 40 ,+ - $.".6 *+ - ' 0560 - : + - ' 0 ,1*6+" 6
3 - .6 0 A. ,32. I 1 : .* . 2.+4 4+2 0 $ 160 6.*6 2+8 . :0*60 * 01 + - ' 414 *.
04 * . , .*1 ' : ' - 06+ ' * 6 6+6. ' 51 60. .4 +2"0; .*4. - ' .7 " . - ' 3+.0 3 / . - : 8
""+ 6 " - . ' * + - - . 6+*, .*9+ 6 . ' :0 .2.6+ ' * A1+. 0* N - 1*. 60 + -
,1*<04. ' 0 3+0 51 60. 5 .0 04. +4 .6 ' 06 * 01 0,0 "+ 3+. - ' 0 - 0" ,1*,050 .6
40 0" 9 1*0 15 * 1*0 - ' 06 *+0 .6 ' +. + A5.**.0 ' 7.216 .0 $. . ,"06 ' - 1*. 60 ?
.*6 6 6.0 5 1/ - . "" ' ,19*.6 1*0 ,1*<+*4.0 ' 3+.0 " ,06 0.*40 - ' .50 60 414 *. -
5 1 64 06+ ' 6. - 0* *03+0 - *. 60 + - ' * ' 20""1 .4:0 +8 $ 160 6.*60 8 .0
: 0*60 0/5+" . 0" 3+ 6 ' *03+0 . - 4+ - ' 0" 9 1 + - ' 6161 : 6.0 60 - 51 0 51 6 6
*40 *1* - 04 1, 60 ' .+". ,1*6+ 2.6. + 6 ' ?06 09 8 <+"%+ A1+. . - ' - "+8
7 6157 ' %7+.*+" 0*.6+8 $. 0* 8 5 *,058 ' 3+ ' 40 0 ,19*1 ,0 06 ' 06 ,0 6 1 .
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$.".6 +8 - 1 / 0 40"20 9." 60 .8 40, 6 4 . 6 3+ 2+8 0+ - 0 / ,+ .61 " .0 0
E."" . 4 ,0 ") 3+.0 : - ,1* , 0*6 .0 +.0 0 . - 5" +8 5.6 *1* 51 "06 5".,.
6 1 0 - 0 9. 5 R* 0440 0 ,1*.2.6+ 4 3+.8 5. 0*8 0" 9 1* 8# - .`1 + - .,0
- +8 : *40 / 06 12 4 - . / - 0 1 - * + - $ 160 6.*6 2+8 * 0 6+8 0 , 5 6 : S."
5 " 8< 3+ 2+8 3+.*6+ - 0 / " .0 +9. 41"1 0 - 0*6 606 0/51*02.6 0, 0<+8 0 /
,+ .6 1*08 +"".8 * 21*. - 5. 60 - . , , 50 0 0 1* 51 "0 " 9* , .2.6< 06 .,0 20
50 6 4.) 90 0 .0* " 20 6.60 3+.0 40 - 51*60 01? 0 06? - .6 0 .2 0*6 2+8
4.6. - ., 50 - +1 + - 0 0"" 06 5.60 *. - 3+0 0:0 0*6 . - " ,0*6 1". 60 - 0 6.60
: 1"."%06 *+"". 0 .6 1*0 5".,.2 "0 - 51 6 0 - 1 1 60*4 6 * 5 +8 $.".6 * - 1* 6+
* E."" . - 3+. - 5 * + - 0:0 6.6+ 06 0 09 ., 5.6 8 <+" 8 .+4 0*60 - 5 .0 606
$ 1 *40 71 6.6+ $.".6 *+ - +6 5. 608 +.8 0. * 0 *60 51*.6 ., .63+0< 3+14
* 6." 1, ,. 1 0 .2 . - , 8 06 ,19*.6 8 5 *, 5 2+8 * +. - 9 .6 . - 0 ,+50 06
0 - 0* - ""+ 6 < - . . - " . +. 4 9*. - .4+ + - " 41 - + - +. - 6 .*8 +9 8 .
L5.6 0 " 8 5.60 0 *1* *.6< 04 8 0 1 8 ,"0 - 0*60 .4 - .* 6 8 N?+6 .4 1 , + -
040.*6 .+41 6 $.".6 *+8 .*6 3+.0 9 .: 6.6 8 ., 5 12 6.6 8 5 *,058 3+ *1*
9*1 . 06 3+ 4 5.60 *.0 0:0 0*6 ., 4020 06+ 0 5. .6+ - . "16. - * E."" . -
0 - 660 0 . 02.6 * 141 . 090 0 , .:0 06+ *03+0 : 8 5 +8 ,1* , 0*6 .0 . 0
06+ * 0. - 3+0 0 . .4 090 - " 60 .8 4040 .6 (04 1*50* 0 +8 3+. - : 8
"# - * .6 1*0 . - * 5160 6.60 7.20 0 50 156. 06 *+"". .6 1*0 .44+, 16+ 6
+67 8 ,1*4 6 1* 2+8 0*6 06+ 6 ,+ - 3+0 0 / * 01 0 "06 +6 A1.**0 - + - 1*
6 + - 5 - . .0 *12 " 6.6 8 : + - ., 6+*, 1*50* 0<4 5 +8 "09.6+ - .4 $.".6 *+ -
- 660 06 3+ . "16. - 0 +,0 06 *60 ,0 6 1*50* 0 +8 06 3+ 40 - " . *
4. - *.6. $ 160 6.* + - 0" 9 1*0 50 , :4. 0 :0""06 - .""0 0 1 60*4 6 +6 * E0 ?
- .* . 516 +8 - .*0 06 3+. - * E."" .*< 04 06 1 - * 2+8 5 J0* 1*0 - ; 0*04+6
+.0 - 1"0 6 . - 5 .02 6:+ . 6.3+0 * 7 .4+ - 06 . "16(* $.".6 * . - " .
5 .0, 5+1 * 71*1 0 - .* 6 41*00 E+" 0" - 1, . "2: 1 .+ 1*0* 5 *45 0"1
,.6. 0 6 %+*, 4 9 0 0 / .+". E+ .* *1* *0 1, ,+"6. *4 9*.6 1* 8 50, 0
3+14 0 / - - 0 - 1*616 0 / .*6".61 + - .2 ""+ 6 "" - . . - " . ".21 + - 06 *4 9*.0
E *0, 8 *+"". .6 1*0 7.2 6. * - ,18 2 71 - *08 6. - 12: . 20 0:1"0*6 .0
9* , .6 1*0 *: 6. 06 ,1 - 5"040 0 + 09 *. ,0 60 5. 0*8 0 *4 *+8 7.*4
.6 8 .03+1 4 .* - 1 0 0 : 402.*6+ . 09 3+0 0*60*6 . 06 :1"+*6.60 . * 0
4 40 0 1 - * 2+8 : 40 :1"02.76 3+14 :0 :0 + - 0 .6 :0 4 " - +".6 1*0 0 06
,0 60 1" * + - 06 03+.,08 0@+8 5"0 1 3+0 * 50 * , 1 + - 0 1 0 - *4+ / 6 .61I
090* ,1*6 . - .6 8 ., 6.6 8 "0*60*6 . - 0 1 06 0 / .* - 1 5., 8 +6 2 +6 " 8 .,
09*1 *0,0 . .0 ,1* " . 04. 12 43+0 1 1 8 *+56 .8 ,+ - . . .0 5 *, 5,
, /50 60 0 06 20""+ - * 0"9 + - ,1*6 . 5.*18 6 .*8 0 0 40, 0: 0 &0 + -
?"6." 0 561 08 + +8 *0916 + - ., 0 "+*6 L3+ 3+14 51 6, . 0, +6+ - 0 6 6.*3+. .
21*+ - .4+ - 4+* - R 8". "4 2+8 0 0 +76 06 . 6+ - 0* - 1"0 6 - .9*. - *
, 5 8"*90* 1 4 9* " - + - 405 .04 , .*6 <. - .*60 090 - 40 "5 ,19 6. "0 :1"+*6
3Z4 0 / 03+0*6 2+8 .55. 02 6
* 6 *0 0 .:. . 6 "06? +6 * .+". - :0* 06 ,. 4 *." 8 "0 / .* *+8
+50 1 0 .**1 .4 I $7 " 55+ - 06 %+ 6.*+ - - "+8 .4 090 - R E."" . - *0+*60
71, .**1 :0* 0 +13+0 <+ +8 0 6 8 50 4 51 618 03+18 5 150 .*8 ,+ - *
.:. . - *, 4 %06 0. * * ."+6.6. . 5 .060 6 + 6<, 6.60 .* +50 2 . *,0 6+ -
,6 * .+". - 04. 0 "10 .8 ,1*60*4 6 2 * 5 :.6+ - ,1""1 + + - .4 - "+8 . 090
51*6 , 8 *1 - *0 506 6 +6 %+ ,1 - * . - , 6 .0 6.*3+. . 7 6 .* - 1 5 *, 5
5+40*4.0

- ! ; # ? #)$ 6 : ! , # , .) # $

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' 5 40*4.0 ' 06' 1 2 ' +* :0 2' 50 * 41 .0' 0*+*, . 06' ., 1' 1040 ' *1 - 0*' 4. 06
' 1 2 0 - ' 3+. - ' .:. .0' 5 *45 ' 40 6 * .2.6' - 0" +8' ,1* +"6+8' + 6.* .0' 09'
*+56+ - ' 4. 06' 06' .' ,1""13+ 8' .,' . - " . 6.60' (04. 1 + - ' 3+.*6+ - ' 51 "06' +6'
2 ' .,' 09*1' 4. - *1 8' .2 6 *0 06' 6 "' , 561 08' - 0 - 1 .*6' 3+14' .4' 104+8' .6'
6 *06' * 7 " - 506 .6+ - ' + "0 ' 7.*4' .*0' - .*60' 5 1' "0/.*4 *1 ' ,+ - ' 0"51* '
+ - ' 4.6 6*' 0 "06' *1*' 01' 6.6+' 08' E.""1 - - ' 0"%0' +6' 3+ ' 0 + - ' +. + - ' : /' 51 '
60*608' +*6' 0' ." 0* 8' *0916 8' - - ,0.*6' *03+0' :0 1 0 - ? 7 6 .*. - 50,+* '
<+:. 0 ' 0/7.+ 61' 20"" 8?? , : " 2+8' .0 . 1' "1*90' - *+8' ,15 .8' 0/6 .' 09*+ - ' 0 - 6'
6060' 51 "0 ' *. - ' *03+0$ 160 6.*60 8' R+ 18' - 06+ ' *0' 04 6+' *' 5.6 . - ' 0/,"+4.*6+ ' <
21* 8' :0 1' .,' 5 8' 0 - "" 8' 090 - ' .0R4 1' +1 - - ' *+4.6+ - ' (04. 1 + - ' ,1*.6 2+8'
0/51* ' .4 1*0 - ' :0 1' 40' . 9. 6.0' 1 1 8' *+56 8' ,+ - ' +R6.*2' :070 - 0*6 1 '
0 - ' + "0 ' 3+.0' 6. - 0*' 0/ 6+ - ' *1*' 7.2+0 6 ?' ,+ - ' 0/' 4 ,0 06' 0/' - .6 - 1* 1'
,+ - ' .:. 1' 3+ 060 - 5+2" ,. - ' 50*40 0 ' ,+<+8 ".2 "0 - ' 0*60*6 . - ' ",/.*4 *+8'
* +"6 8' *' ,1*6 . . - ' 5. 60 - ' 4 5+6.6 8' - +6. 0' *1*' 516+0 6' X090 - ' 6. - 0* ' ,+ - '
) 90 06+ ' 6.*4 0 - ' 0 51*4 "0 ') 6 *. - ' 1 - * .' 6 2 ' 0*+*, .60' 51 "0 - ' "0/.*4 *0' '
5 1 ,41' 6+' 06' 51*6 0/' *60"" 90 06 8 ' * 7 " .4' 0" 9 1* 8' 08' *' 09*1' ,17 6 6+0*4.8'
06 <+ .618' 0 ' .,' E."" .0' 71 60 8' 50 40*418' 7 8' *+56 8' .56 +8' 0 ", ' ,060 + - ' 2 0: '
1 0' 50 1 ' +6' 51*6 0/' ,1* " + .' 06' 5 06.60 - ' - 0. .' *,,* + - 3+0' 0" 9 1* 8' . '
41 0 - ' 0/' 0:0*6+' ".+406' 44 6' 8' 3+ ' $ ' :' : 6. - ' , 5 6' 0 1*; - +8' .60*. '
090 - ' - .*+' "0/.*4 * ' . 4 +8' ,1 - 5 0 ".' R2 ' .**+"+ - ' - .9* ' A9A 06' 40' 4 9 6#'
406 .4+ - ' 0 ' 126+" "0 ' 7 "3+0' :0 2 8' 0 "0' . .6+ - ' .20' 7+*,' 6 2 ' . 7.21*0 - [illegible] 06'
5 9*+8' 40 ' 4.6.0 ' 06' *+*3+. - ' .' ., .' 040' 40 04+ ' 12 03+ ' ,1*R" 3+0' ,1*6 .'
(04. 18' - 5 18 ' +6' 0,05 ' 5 1504 0 *' 0/03+0*4 ' ' ; 0/.*4 *+*.' :061' 0/,+ . "0'
0' .2' .**+"1' .,45 0*41' 06' 51*6 R, ' .,' R2 ' + ,0 0' 40 - ' .' 090' 7 6 .* " - 1'
4.6. - ' 0 53*4 "0 ' 3+.' - .<+8' .+6' ,0 6 ;8' 5 9*+8' 5060 0' .+6' 0,+ - .4' 51*6 ,0 - '
50 0 0' *1*' 51"" 6?' + - ' 71,' 0 51* 1' R:0' 6.' 4 0 60' R:0' 12 ,+ 1 2+8' :0 2 8'
+6' :0 R - "0' "6' *:1"+60 ' - ; 6 8' ." +*40' 5 1 - " 8' .' 09 *.' 06' *4 *1' 1*0 .6+8'
,9.6+8' 51 " 3+. - ' 50 71*1 ,0' 7.2 6+8' +R ' 0.40 - ' ,0"0 6.60 ' 3+.' :0*0 .6' 1 '
- . - ' ,1*60*4 6' 3+ 550' ,+ - ' 40' *:."06+4 *0' 51*6 , 8' .:+*,+" ' *' 4 08' *9 .:0 00*60'
.2' . - , 8' - 1* 6+8' 0 "06' ' \

' 8' ,+ - ' <. - ' .2' * 6 1' .** ' 02 0' "076.' 60*6.6+8' 0 "06' 6. - 0*' - 1 2+ - ' ,1* '
60 - 5R6' 06' * 7 " 40' 1" 6.' : 4+8' .6 1*0' - +6.: 6' 1 .6 1* 2+8' 06' *0916 8' .660*6+8'
0 *' - 0* 0' . 6 1' ,+ - ' 0*+ - ' 41"1 08' - .9 8' *60*40 0*6' 06' 5+6 4. - ' + *. - '
090 0 06' .4' . - " . 0' R2 ' 0 - 04 + - ' ,1* +9 6' ".40' .R* *1' 50 ' ." 3+16' 4 08' + - 561'
,+<+8' ,15 1R1 0' + +' ,+ - ' :0*6 ,+"+8' .4 - 14+ - ' 402 " 6.66 6' 0 "06' *' .,+6. - ' 0 '
2 0* ' *, 4 6?' 06' 5 1' - 1 6+1' ." 3+.*4 +' 7.2 6+8' 0 6' 40 *' 0 + - 56 8' : 2+8' 5 1'
1 - * ,.0' 0 + 0^1* 8' 4 0 ' - 1 0' 1" 61' 0/' . - 21*0' 515+"+ - %' R9*.: 6' 06' ?.""1 '
,+6+8' 0 6' 06' 5.+"1' .*60' : ' 2.R" , 8' 3+.R' "" 8' :."0' 4 4+ +8' 0 0' - .<1 0 - ' 5. B
60 - ?' 50, 8' 0" 9 1 0' "+ ". .: 6' 0 *' .2<04.' *0916 16+ - ' ,+ .' 0' .4' - 1 60 - ' ,1 - '
51 + 6' .,' 6.*40 - ' ., 1 .*41' : .6 ,1' 40' ,. 4 *." 8' "0/.*4 * ' *+50 ' 0' E."" .'
0:0 R' - .*+' + - 561' S." ' . ' 4+.2+8' .*60' *140 - ' 71 8' +"6 - + - ' : 6.0' 0 - '
,".+R6' .**1' .06.6 8' - .' ., ' - .9 "/.6+8' : 6 ' 2.+4' 12 0+ .' 515+" ' ".06 6 .'
3+ ' " 00*6 .0' . +06+8' .+ 60 18' - 1 1R' 0* 8' - 1 08' *' 1,,+"61' 140 .6 ' 06' *61"0 '
.*4 ' " 206 8' 71 - * 2+8' *' *3+ R6 1* 8' - +*0 0' 0/0 ,0*41' 0:0 6.60 - ' 4060 6. '
2.6+ ' 8' : 6.0' .*4 - 1* . ,". - 8 ' ,+ - .2' .:. 6 . ' 1 4 2+8' 06' 1 - * ' 4 6.*41 + - '
+1 + - ' E19 6.6 1*0' - ./ - 0' .271 0 06' *09" 90*6 .' 6. - 0*' +.' 06' 4 4" ' .4' 3+0B
0".8' .,,0 +' 0 0, 6' +6' + - ' 0 5+2" ,.0' 5. + - ' 9*. +8' - * - ' 0' .4' 0. *' .660*4 6'
+1 + - ' 3+18' - 1 0' .+".0' "" ' *R61' 0 + - ?' 9+20 *.,+" 8' .4 - 1:0 .6' .5.,6.6'
51 6.' .50 6.' R6' 3+ ' .:. 0' 06' * 1" *60 ' +2' 01 - 5+*0' 9 . ".6 ? +*6' 4 + ' 0<+8
0

#6

, * ; 4 . 0 1 * ; - +8 D + 6 ,+6 +8 * ,1""09 + - , . 4 * ." + - .2 5 1 5 .060 S
.0 6+ - 7+ - " . , 1 4 41 "1,1 .""04+8 *5 - 8 ".21 . : 6 12 4 . E 091 1 ?
' +, ,0""2 , 1 - . .2 6 *0 0 06 2 J. *+ - ,+<+8 05 ",15+8 0 .6 3+ .0" 61 0"0B
9.6 1*0 71*0 6 1 0 6 6+"1 ,1* ,040 0 <+ " 8 0** 1 .*60 51*6 0/ ,1". + -
U$0""0: .0+ - (0*1*0* 0 - . ,7 05 ,15+ - ,1""09 + - , . 4 * ." + - ,1156. :06.6
16. *9 , . 4 * ." 8 ,1 - - 0*4.6 1*0 k? 3+ . , ,0561 40 51*6 , 8 - 1 60 *+* , 1
6.6 - 02+8 . *60 .4 5 1 04 1*0 - ,1 - 5. .6 8 * : . * . 0 ,+ - $0""0: .01 404 6
+6 *1: 51*6 , 8 , 0.6 2* *60 0 "06 (04 ."60 1 4 0 51 63+. - ,1""09.0 ,1*,". : 0
51 6 *1:0*4 ."0 8 5 0,08 *9 0 + *6 + - - 1 1 - * + - ,1* 0* + 51*6 0/ 0*+*
< .6+ +91 1*,1 - 5.9*+8 1* * 0* 8 <+ 8 +6 +"3+0 41 6 * . ,". +8 . $ 1 :
,+ - * ,1""09 + - "090 06+ <. - 6+ * - - 5 - .9 6 .6+ 40 6 * .6+8 06 E 091B
+8 / . 550"61 :1"+ 6 $ .060 - 1 0 - ,1 - 6 1 + - 3+ .0 "0*6. . , 6+ 2+"0*6.
0 0 - .9* 3+0 . * - 5 + 7 . , 5. 6 + - ,0 6. - * 2+8 50 .9 1"0*6 0 6 * 6. + 6
, 0.6 1 *0 4 + + *+ - *60 09*+ - 20""1 %+ , ,1 *60 :0* 0*8 5 1,040*6 . 0N
:061 ,1 - - +* . ,1* 4 . 06. 4. 06 4 3+. *,X+. - * 6 *0 0 0 , : "%06 , . 4 * ." 8
16. *9+(6. - 0* 0 50 0/ 6 .2 0*6 .0 .2 . +". + .0 71*0 6+ - ,1"1 0 - 3+.0 0*8
06 ,+ - *1:1 51*6 05 40 . , . * 8 01*") 8 ,+ - 09 * . - .6 0 * 6 8 .4+ +8
% 6.6 - 51 6 "0/ . *4 * 4 00 + - . : . . , + - +41: ,1 . 6
: 1 * . +". - :0*0 .6 - .9*1 ,1 - 6.6+ - 1/3+0 .9 ,105 6 40 *+56 8 . 9. 6.0
1 1 8 ,+ - 0* ,1 . : . .0 5 * , 50 3+ 2 4 60 - 5+8 ,+ 1*4.01 5.6 +0"0
J . * , " 1 2 +5 +", .+4 1 ,1 - 60 06 ." 8 5 1,0 2+8 . , *+ - 0 1". *12 " 6.60 *
.+". - : 0 * 6 . , 6. *40 - 40 - .6 - 1* ,1*4 6 1* 2) 8 *60 5. 608 6 . * .4+ - 0 6
5 1 , , . + 01 - - , . 9. 6.0 * 4160 - . .6 0 .66 2+6 8 3+ *
9+" . + 0 5" 4 8 .0 6 - .6 +*6
+ - +"61 55 6 / S . " . 8 104+8 ,+ - *9"1 + - 09 * . 50 ,+
6 6+ "10 8 . J .70 01 8 1 - 1 . *6 5 0* .61 .92 5 1, . *,0) . 1 (02. 6
.*1 ? "2. 5 *01 0 - 1: ,+ - 05 0151 $.+"1 J1/ 1 09 8 *1 - *0 < ,+ 5 1 09 * .
%71 - .8 (- 6" +8 06 J . * , ",+8 h . *97. - +8 *60 :0*0 - *6 <+8 "0908 0 . *6
+6 ."60 .4 ."60 +8 40 0* 1*0 - 12" 906+ *0 0/ ,056 1*0 . 6 +"" . 50 1* . + -
.6 1*0 7.2 6. * 0. - 3+0 0 - . 60 ."60 0 : * . : 9 . 1 - * 0 * 6 +4. ,+ -
, 71 - * 2+8 06 ,1 - - 0.6+ * 2 - 0 6 0 41*01 ,$ - - 14. 0 60*0.6+ ? 60 -
:< 504 6+ - 3+1 + - "1,1 09 * . . E.) 8 :0" 6 03+ 6+ - + - 0 0
5160 6 20 + - 0 6 *60 E.""18 0 *9"18 ,1 - - 0 , + - 0.40 - 5 : "09 . 06
- - +* 6.6088 3+.0# +9 8 * $"0+ - 1 8 V *6+0 5 .0 * 6+.6 , 8 0 9.0 *
1 :09 . *9" 06 *0*6; 06 * E."" . 7.202+*6 +"" *9"1 + - 5 1560 0"
9 1*0 - * E."" . 50 , "6 - , 0.2 6+ ? - 21 * (,16 .0 5. , , .6 1*0 - ,1*<+*4 8
6 4 8 * ,+ - 20*6 6 3+.0 .2 *9" 8 , .56. +*6 *60 4 08 0 6 6+0*6+
.0, 5 . 4 . 0/ 51 60. ,1 . - 4: . 41 " *61*1 - . 8 5 .0 041 .4 4 . 09 * .
- 1 . , . - 0*61 ,1* - . : 6 06 .6. " .2+ 6 ,+6 06 09 * . ,+ - 1 h 0 6 - 1* . 60
0 06 / ; < S . " ? G+ *6 " ,1 . - J . * , 01 1 - 1 . *6 1 $.+"1 J1/ 1 06 0 6 . *4.
" 9* . ,1 16. 0*0"1* 1 09 8 .5+4 5 . - 1 .61 0 40 <+ 0<+ . *41 22" 9.6. 5. 60
,1* - . : 6 U $1 6 4 0 1 - 1 . *6 + - 3+1 * * .0 5.6 8 03) 6+ - - 6
? f L 2070:1"0*6 . -
#$ %& ' 4 3 $ - 0 25 6 5 $ ()) *+ ,)-
5 # 5 !(3$ $$. / 0/ 1) +2 0+/ ,0/3 $ & / 1
& 3 $ $5 7 7 8 1 5' 1 3$ 2 9$ 5 * *
L " . ' . % $ I . .0 % $ +. A
& (/5 $ > A + 2 R ' / % $ > U
% : % ' ! U . 5 . : R + .
$ - ' :7
4 5* , *+
. 2

2,*0:1"0*6 . -' * 9*'9 .6'.* - '60 6 - 1* 1' 0 - +*0 . 06' *' E01 9 .*1 + - '03+"'
6+ *' ,1""09 + - ',1156.: 6' 3+1' 0140 - ' 71*1 0' 0* ,+8' : ' " - ' **. - '4 9*.6+8'
H0 .6' %+ *' 40' . . ')6' ,+ *' 0.' - 6 +8' .90 06+ ' 5.+, 8' . 6+ - '5 151"66+ - 3 , '
6' 4+ - ' 1 4 *+ - ' .+41 6.60' - 16++ - ' *' (,16 .' ,1 - 51*0*41 + - ' .6 1' * 06+ '
6 *3+0' .2' . - 8' ,0 .6 1' 0 "06' "' *' (,16 .' ,1*:0*6+8' 7.20 ' ,1 - - 140' *1*' 51 '
06' 40 09.6' 1*4 * ' ,1*:0* 0*6' +*.' ,+ - ' 09 8' E."" .0' 06' 09 *.0' 40"09.6 8'
40.' 0 51* + - ' *' E." .0' 09 8'9 .6 . - '20* 9* +8' ,+ - ' . .' 3+. - '5 1 - 0 + ""0,'
. - .4+ - '06' 51 1' .4+ - ' '" ,06? 4 *08' 09 *.0' 09* 3+0' 0,+ 6.6' ."60' 41*00'
1* +"' *1*' 51 "0' ,0* 0.*6' * ,+ - ' . .' 0:0 +8' .9.6+ ' 40' ,1*,1 4 .06' . '
*1 + - ' *' (,16 .' ,0"%.6 1*0' 04+"1' .4+ - ' 0"%0' 0.* 3+0' 12' 0 - ' E+"' # + + - '
+ - 1,1' E."" .0' "09.61' - + - ' 04' *+"" 8' .6 1* 2+8' E+" 0" - + - ,S R.4 + - '
E .*9 .*+ - ' 3+' 4 - 2+690* 0 - ' . ,0 - 5 .0 4 1' 60*06' 50' +2" 4 ' , " ,06' " :0'
' E."" .' :0' 0"9 1' ".4.6+ - ' .4' 5.48' ,1* " .' "04 ' 516+ "0 ' 3+. - : 8' ' *6 ".0+8'
61 - 08' 06' .* "61* +8' 2 167 +8' 5 1' 5.6 0' 0' .4' 5.,0 - ',+ - ' " .2067.' ,1"0*4. - '
;*9 .57 8' 12 6 */ " 0*6' ,060 3+0 0' *12 " 6.60' 3+' . .0' 5. 608' 03++*6+ ' 40 - '
"04 %0*6' 6.' 4 ,4 + - ' - .9*.' +6 *3+0' 20*0:1"0*6 .0' 9* ,.6 1*0' ,060 + - '
.0916 1' 40' - .6 - 1* 1' *60 ' 5 . - '06U' *4 + - ' 4+,0 - '41' 3+1' <+ " 8' 0 .6' . 0 0'
1 - 1 .*6 +8' 52' +21 6.8' *1:.8' 4 S,+"6.608' 06' 3+14' *4 *+8' 5+2" ,+ - ' - .<1 '
+ - ' 0" 9 1* 8' + + - ' *' *9" .' .*60' 1 - * .' ,1*,04 ' 51 ,0 06' 0 0' 40 50 .61'
? 04' ."60 + - '50' 16. 0*0"1* + - ' - 1/' 051 6+ - ',+ - ' J .*, ,1' ' "0*!<1* 1' <+ '
" 1 0' 09 8' .6 0' 09 *.' 5. 0*60' +6+ ' .*/ .' 10 - *. ' 71,' .6.90*60 ' +6' 3+1'
"0' 40' .6 + - ' *' 59*' E."" .0' +,,0 " 1*0' .+9+ + - '0"+40 06' 50' .4 * 6.608'
9+".' 09.' *9+" 8' " 8' 5. . 06' G+14' 0,+8' 51 60.'.,,056+ - '0 ' 3+. "S.67. *.'
. - '6+ *' 40' 6+ - +"6+' - 1/' +606 .0' 0,+61,19 6.*8' 71,' . - 1 8' 5"0* " - 1' 1 , 1'
0' .5+4' " .2067. - ' ,1* 0,+6+ . - ' 50 . 06' +6' " .' *' +2 4 8' 0 0* 8' - *+8' 0'
., "0 - '40 *,05(' 0 9.' $ 160 6.*60 8' *1"" .608' 5 .020 06' " .2067. ' ,+ - 8S0*0"'
:1 67' 0.' 40' 0' .4+ - ' 0 6' 2 4+1' .*60' 6+ - +"6+ 7' $. 0* 0 - ' - 140 60' 0' 0/,+ . '
0 .6' 0" 9 1* 8' 4 :0 6.60 - ' +6' 5 +8' 06' . - 5" +8' .06.6 8' - 5. 6.60 - ' ,.+ .6.' '
;07b17 +8' , + 40 - ' : /' / : ' .**+ - ' .66 90 .6' ,+ 7 "".' <. - ' / / / : ' 0/,0 06'
,' 0' 6. - 0*' . - 5" +8' 0' 40" 20 .6+ . - ' 0,05 6' (04' :0' 0 1' 4' .902.6+ ' :0'
- +".60' .2' 01' ,0 60' 60 - 51 0' *1*' 40 6 6 6' "0* 1* +8' 50' +18' " .2067. - ' 1" '
6. 0' ' ,1*6 .4.3+0' *40' 09 *.0' 20*0:1"0*6 . ' - .9*+ - ' "" ' .4' 08' 51 60.' *'
0"9 + - ' 90 6.8' - 1 - 0*6+ - ' .66+" 6' 0* 0' A+* 1' +50 1 0' %71 - .8' $0 , +8'
A 1 67+ - 2 +8' 3+0 *' .4' #".,+ - ' 0: *+ - ' +2 ,+ 614 . - ' - + - ' .*60' 2 0** + - '
" /<*.+8' .' 'A 1 61* 1' 40' 3+1' ""0' 4+ - ' *' *9" .' 0/+". 06' 156 - 0' - 0 6+8'
.6' 5.4.' 50,+* .' ,+6' <.4.2.6 ' ' +* 41*1' 0 Z 4' 5 .0 041' 6 .4 6 8' + 6'
,' 5.+"1' 51 6' 21 ., ' 0,+ '50 ,+ "+8' 6A6' 0140 - ' .**1' 1 1", + - ' 06' 1 '
7+ - 2 +*' 5 - . 18' *9" .0' 5 1,0 08' 0,+ 8' 6.' 5. ' *12 "0 ' ." +4' 5"., 4.'
*1 8' .2 6+" 6' E+" 0" - + - '# $1Z"066+ - ' h *61* .0' - . ,7 1*0 - ' - .9*+ - ' *9" .0'
`+.0 61 0 - ' - ./ - 8' 71*16 2+8' "1*9.' : 6. ' 3+. - ' .4' / , :" ' .**+ - '5 14+/<6'
1 0 .'".+4 8' . - .' 50 +*4+8' 1*9.0:.0' 8' .401' : 6.0' 7+*,' 06 . - ' +4+ - '
+" 6' +6' , - ' "20 28' 0/' 0' + :0' 5 1, 0.618' .*60' - 1 60 ' *+ - 0 .:0 6' <
*+*0 0' 0' + 04+8' E+"' B' 0, 6 +8' + 97"0 +8' 3+' *1*' 1" - ' 5 .. . - ' 7.*,'
7' 09*1' 4 9* 6.60 - ' 4 *' 60*+ 6' 04' 0. *' . 1' *609 6.6 8' .,' 0" , 6.6 8' 0/0 - 5"5'

120 61

. E' 2 * " !# - !:0# F * 7 1'+("9 +20 '> ' ' 3=1" ""15' !#
" #!2! !] ' % # " #2 !# ! 8$' 1' 4' \ ?
5T ! - ' ;)# " #) * U1 !)2
? 0' ?' .' I' N .0' & ' & . ?B *0LL' 7
& / 8' N U 4 .0 ! *
I' 5 6 . ? 0' B 6 % U . U?Z
4 U &/ ($' R .' & .. [' % 0

? 120 61' " 1'6 .* , 5 6' $1Z"066+ - ' 0,+6+8' 0 6' 4:. 4+8'? (6.*"0 +8' 0 2 .0',1 '
-08'3+ ' ,1 - 6.60'.,'" 20 ." 6.60' . - " . '<+,+*4. -' + ' - 0 - 1 . -' 0" 3+ 6' 0,'
6"0 '40206'E+" ' $06 0 +8' P0/1* .0' *.6+8'0/'03+0 6 '1 4 *0 ' : '5 +40*6 .'06'41 6 *.'
5 .0 6.*8' +2' 0* ,1' : ' 4;. 41' : ' . .;' " .2067.' - . / - 8' "09.6 1* 2+8'
40 6 - 6+8' ' 3+ ' .4' - *+0*4. -' - .9*. + - '15+ - '"1*9.' .0'".21 1 .' : 6.',1""04. + - '
: 4 . - ' /1 0* 0 - ' ,71". .'2 /1<< .0' ". 9 8' 5 1:096 2+8' .**+ 8' "1,+5"06.: 6
8' .440*4.' 6*9+<. '3+.04. - ' . ,' 0 0'41 - 0 6 ,. ' 09 *.',4* ' 0 0 5 1 50 .' :9'
"06+4 *0' 7. 60*<*8' + .' 0 06' 02 ,+" 8' .4' 0 . - 561*. -' 60*6.6.' 0 6'p 0/' 3+ 2+8' +2'
,1*: ."+ 6' '$1 60 - +67. -' 51 6+* ' 616.' *9" .',0"020 * + - ' *1: 8' - +* 6 1* 2+8'
- . 0' * 6 6 6' ,". "0 - ' *.; 2+8' 20"" , 8' .+/ 6 ' 40"04+8 '50 ' , 1 - 6.6+8' * ' 3+18'
09*+ - ' 4 : + - ' 0 6' 7.20 ' - .*4.: 6' 06' +;0*6+60 - ' .4' . - 1 + - '+ + - ' 0/0 ,0 '
."6 " - .' *' 5.,0' 40' 20)1' ,19 6.78' '$0,+* . -' * +50 ' 3+. -' 66 +6+1' .' + 8' .6'
,050 .6' 21*.' 40' 0 6 6+ 6' 0. - 3 0' 9 .6 . - ' *1:1' 20*0 , 1',+ - +".: ' 5 1 - +"9.61'
04 44' 3+1' 0/' "09 2+8' .*6 3+ 8' *' *12 "0 8' .9 ' <+ 6' 3+ ' 5"+ 08' 3+. - ' 4020*6' *'
0" 0*60". - ' .4 - 6602.*6 3+4 02.6' +6' 0' " 0 5+2" , .0' - +* 8' 0/ - 0 0*6' .4 1*08'
*' 09*1' 1:0 0*6' 06' 5160*6 .' *12 " + - '3+ 2+8' 0' *' 0" 0*60". - ' 4.2.76' 06 '
*' "0908' - +"6 . . - ' 50,,. 0*6' %. - ' ."+6. '04 41' .R0 . - ' .4<+*4+ - ' *1*' - *+8'
515+"1' 9 .6 1 + - '3+1' .5., - + - ' 71 - *+ - '90*+8' .+41 6.60' 01 + - ' *'. 4+ - '
,1.4. ' 05 0 %+ - ' 0 6' 3+ ' 50, 0' <+ + - ' 09 1 + - ' *4.9.*41 + - ' - +"6.' .:. 0'
5 .0, 5+,' *' 0,,"0 . 6 ,18' .4 - 6602. 6' *' 8' 20 * .' "0:08' 6+ 2.0' 0/1 6.0 ' '
,7. 4' 7' .' + 91' ,1 - 6 8' ,1 - 5"+ 2+8' " 8' 3+18' 0/' :. 8') 1 2+8' + 0054 .6'
4+ + - ' 4:. 4' ' J 664*' 1**.,76 .0' 5 .0 046' - 50 + - ' *1*' 0 0*6 2+8' " '
(0*+ - ' " : +*.' 6 .* 9 0 "' 50 ' " 4 . - ' ,, 40*6."0 - ' 0' 0 +*40*608' 5 .04 8'
- - .* 60 ' .2.4 8' +2<04+ - ' .9 + - ' :. 6. +*6' $. 0*8' ; ' ,.* 6 0' :0*0 .*4. ' ,+ - '
+ 6 .' +48' +6' .2' * 1"0*6 .' ! 0 60 0*6' - 1*+ 06' ,1*6 - ., . - ' 01 + - ' 50 6.0 +8'
5 1 090 - ' .4 6' 06' ; , 6 - ' 40' J 661*' .,0 2 6.60' ,1*3+0 6+8' 0, 6' +6' J 66 *+8' 0'
5 1: *, .' 0:1,. 06+ ' * +".0' 3+.0 61 ' .2' " .2067.' ,1* 6 6+6+8' ' *0,' - +"61' 52 6'
,7. 4' " ' ,+6' 5. 0*8' 0,050 .6' 0' +55" 008' 5 1 09' 6 60 +*6' 140 - '
60 - 51 0' 1 ' 6+ 2 8' 0 0*4 8' *. - - ' 90*+8' ,+ - ' 6+ - +"6+. 0*6+ ' "+.40*60'
. "4. .0' ,1 - 60' 50 4+0""08' 40,". .6' .4' 12 03+ + - ' 04 0 +*6' %+ - ' , 02 8'
3+16 4 0' *' * +".' 0/1 0 - 2+8'6+ 2 8' ,+ - ' 0 - 04 + - ' 3+.0 0 06+ %71 - .8']' (- 67+8'
: '414 *.' 06' + +' 0 + - ' 5 .0 6.*8' 09 *.,' .+41 ' + 6' +6' *' 2 ,70 "4*0 + - ' '
20 * .0' *' ') "61* .0' * .' 1 0*6." ' - 6 9.*4 8' 7+ - .* 6.6 8' ,+"6+' .* - 8' ,1"1* .'
404+,0 06+ ' %71 - .' " 1' *.6+ ." ' 4+,0' *. - ' "09 6 - . - ' <5 1"0 - ' *1*' 7.202.6'
71 - *0' 6 0*+1 ' +.0' 50* * +".0' "R - + - ' 5 .0 4 1' 60*0 06' 06' *, 1*08' .2' " .'
5. 60' 03+0*608' . ,0 06' &0 + - ' 0/ 6+' 08' ,. + 6 ? %71 - .' 50 4 .' ' ,." ' .*'
*60 ,0564' 06' 1,, 1 ' *' 21*6 *0*60 - ' 06' .4' - 6 .' 0441' "+8 2 4' *E0 '
- .* . - ' E. 5. ' ' (,71 - 20 9 +8' 3+ ' 40 - ' 0 0' "09 2+8 104+8' ,+ - ' 50 '5 *'
, 5 2+8' 3+18' 4 / ' ,0 06' .4' : - ' * 0 0*4. - ' 06' 5 15+" .*4. - ' 3+ 3+0' 4+,0 - '
,15 8' E0 - .* , 8' 40 9*. '5060 06' A1' . - + - ' J 40 4' $.".6 *' 0560 - : '
" + - ' <' , <+8' 06' ."60 ' " 1' 7 61571 1' 0/' 0140 - ' 60 - 51 0' 50* 1*0 - ' 5 *, 50'
0.' 4 9* 6.60' 06' . - " .' 4 9*. - ' . 9*.: 6' "+(' 06' A1 ' E."0." +8'6' J+"91 +8' J"1 '
0*6 . - ' 3+ ' .' 1 - 1' .2' "5.* 8' (0*0* 4 6 1* ' *7 .*6 2+8' 2' - 06+0*60' - +6+. - '
50,+* . - ' .4' 24""+ - ' ,1*6 .' 5 18' 90 0*4+ - ' + - 0 06' ' 8' 06' ." 8' 09 09 .0' 09 8
' ' :1"+*6.6 8

- &/ /G /+ ' F' + 0' ' ' L0' ' '.' 6 ' /4 , /' / GA , ' 2) A '
' #/ " # !$ R 24 ' ? - :' % ' ' #> ' 6 ' ' ' ' ' / !+
' ' ' R ' ' D ' $' \' N ' D+ ' ' ' ' /- ' ' '
b * ' ? '% ' ' ' ' ' +.' ' ? > '

% ' I' + 7"02 - 1 6+1' . 1' +,R7+ 6+8' 20 6+8 + 97"0 ' "+8' *.6+' - * - +8' 0 40 - ' +,RN
' - + +8' - .9' *9" .0'670 .+ . ' .2' "C.20 " .' .6 8' ,040*6 ' +,09 "1 ' 4.6+8' 0 6'
+ " , 6+ ' 6.*40 - ' .**1' Tin 09*.*60' A.,121' 16'

:1"+*6.6 8 4 , 8 ., 60 6 - 1* 8 ,1*" - .6 1 1" +8 " 18 50 0 +"5 4.,08<
- ".6 1*0 - +"6. .9 :0 618 - 1* 6 8 + 8 0 902.6 06 20*0 * 51 60 + - 50 .
<+202.6 + - 3+0 $7 " 55+8 (6 1CC +8 ,+ - #$1" * 1 E. 4. 06 1."41 . -
40 01 * (.*61*08 - "+8 0 06 3+ 0". "0 - .4 0/ , , * 5*0 - *40 * 0"9 + - *40
.4 *4 , .8 0/,+ 1*08 5. .6. - 7.20 06 +50"". * 4 3+14 0 .6 + 5 , .6 , 02 8
+, 8 1" * + - - 1302X*6 6 6 2 ., + 8 ,1* +"0 06 *03+0 0 : .* 8.+".0 54"" ,
6.6 1* 2 8 ., - 8 50 * , 1 0 40, 5 5.60 06+ ""0 ,1*6 . +A , 1*08 . - 1" 1 -
* . * - 0" 1 0 - 5. 60 - 60 5 06. 06 01 "1,1 08 0 0 4 ,0 0 +6 5"+8 . 09 8 9 .6 .
50 . 0 3+. - .2 0<+8 1 J07 5*0 - 06+0 0" 2 4020.6 0.8 0 0 5+2"R.0 6 .*3+ "" 6.6 8
71 6 + - . 608 3+ - 1 2+8 5. " 8 $ 160 6.*60 8 * + 5 , 1*0 - <44+,0 0 ,1*076+
" 6 4 40*6 . +. * 09 8 *4 9*.6 1*0 * *,+ .*6 0<+ 3 0 0 9 .6 . *4 9*18 04
4 .*65 1 *40 5 18 .4 7.0, * 6 . - + * + . .+ 0 1, ,"+40 0 06 0 ., +. 0
5 1: 40*6 .0 06 156 - 5 *, 5 8 21* 6.6 ,1 - - 660 0 4020 0 6 +6 4 ". . 6 8 .57
5 12. 06 .+ 61 + 6 +6 + 208 0,+ 6.6 8 , .+ . . 090 04 61 51 6 0 - 1 ,3*,0 ".0
,6 . - .*60 60 - 5+(0 6 6+0 0*6+ 3+14 06 0/0,+6 1*0 04+"1 40 - .*4.6+ - 0 6 0/N
3+0 7 *5 + - 56. 1, , ." 1*0 4 5"1 - .6. .4 " *9+".8 09* ,+ .8 * 6 3+ 2+8".+4.6.
5 *, 5+ - ., 5 1,0 - - 40 04 4+ - *$ 160 6.*6 + - 9 .6 . - .4+ - +6 0" 9 1"0
12 , ;. 06+ 0* /0 - .G4.2.6 7+* 7.0,6.90 0*6+ "; *14+8 +50 1 0 .**1 -
4 4. U 0 *.+ * (056 - .* . . 1 *0+*60 ,0"02 .6+ - .9*1 5. 61 + - ,1*,+ +
,+ 06%70141 +8 0C. .41 50 &."0*6 . - (09.".+*1 + - 6 *0 0 *60 6 .,
5 .0 + 6 *0. - +"6. .4 4 , 5" *.0 +50 1 + - 20""1 + - " ,0*6 . ,1"".5 .0 * 6.+%
.6 5*0 - 06 5 082;60 ,1* 6 6+6 1*0 - 5 1 60 - 51 0 40, 4. +*6 06 3+.0 +"6 - .
;*141 *40, . 0 - .* 0 .*6 6+*, 0/ ,1 - - +* 5. 61 + - 0*60*6 . 4060 - *.6.
& 1 A66 60 - 51 0 .:. . 090 * 6.*60 8 "10" 8 +606 . - $. 1 .*
4 . " 5 1 04. 0 6 +6 *0,0 . . *+56 . + - ,0"02 .6 1* 5. . 06 71"5 6 1 2
+*561 * .04 2+8 . 1" E "". *+6+ - 05 ",15 3+ <. - $ 160 6.*6 + -
414 *. - 5 15.". - . - 5"0402.6+ 06 12 0<+8 0 + 5 , 1*0 - .760. 1 - .0 ,+ -
." 8 ." 3+16 05 ,15 8 5 1 , 56+8 +0 .6 U .:. . ,+ - ." 3+16 4 08 * + 20 *0
956 8 + 8 *60*6. 7.0 ""06 02 0 ,1*6 *+. 5 4 0 1* A+* ,1 5 6+ 0/ 3+.
3+ *61 51 6 4 0 40,0 6 ,+ - .06.6 8 ." *+ - .90 06 3+. 6+ - "+5 . 3+.4 .90 - + -
5 *,058 - .9* .* - 06 *90* 06 414 *.0 3+. - 5 1 602.6+ 60*., 6 - .
.4 3+. - 5 15.9.*4. - *+"" 8 ".21 2+8 .+6 "+ - 56 2+5 616. : 6. 5050 , 6 50 ,+
1) - 1 - * + - +5 . 0/+ - , *60 - 56 / 4+ - ,.+ .0 3+. - 6+02.6+ 0 : 06
6.3+0 5 .060 *90*6 . 20"". 3+.0 3+.*6+ - * 0 + 6 + - - 8 - 50*4 8 90 " 6
* .*6.2 . <+ 8 .:. , 5 1: *, . +6 0. * 414 *. - 5 1 - +"9. 06 5. 61 08
" *9+. - 5.6 . - 3+.0 . *0 - 30 0 0 : , *1 + - , .5 6+ *03+0 :0 1 , 2 51" 0
.*60. , 0402.6+ 041418 - 6 06 *1:+ - 7 6 104+8 , .60,7 *+ - 06 5 0,08
* E0 0: 0* 0, ,"0 . + 5. 1" 6.8 * " *9+. - &. ,1* , . - 0+ E.*6.2 , . -
6 .*8 06 06 0"09.*6 " - 8 6;5 8 +50"".0 0/,+4 ,+ .: 6 *603+. - - 1 0 06+
60 6. - 0*6+ - ,1*4 4 6 3+1 51 6 .* - . - + - - . ,1* 6.*6 . ., 4+4. 01 ,1 -
- 0*4.6. - 0140 - 3+1 0/ 0* ,+8 0<+8 5. 0*8 "1,1 *0 +"". +*0 8 51 - 5.
050" - .*4.6 6+ * 5 *, 5 " 1 0* /0 - 50 .6 +6 .*60 1 - * . 5 06.60 - ,1".6
0,+*4+ - 0. * * 3+. 04+, .6+8 + 6 40 ,1* 0 1*0 - *03+0 0 - +*4 + - 8
:1"+56.6 2+8 40" , 8 06 ." 8 : 6 1 + - 6. - 0 6 8 .2 0. 4 :0") 5.6 .6+ 06 ,1*N
6 6+6 1* 08 0. 40 0 0 7 0*0. * 5 *, 5.6+ 06 * 0 1 0 .:. . 5 1 - +"9.608
0 :. <,+ 06 . - " . - 4 " 90*60 5065+ 906 06 .2 0. 5 . ;18R1* " . 18 - ."040
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. / 2)'+2! (! !>'H' 129 "&"=" + !, >
5 5 $' $ # $ $) $
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+ - *0 0 "6 0 60 8 5."5.61 08 " 20 6.60 5 .051 60 . .2+60*60 8 ., : 6 1 28 2 - *0 8
.,0 %0 0 < 20.6 < 21*18 5 18 : 6.0 *,+"5.6.0 * 3+0 # 0""1:. + - $.*,+
* - ,6 06+"+ - 50*08 0 06 *0.6 < .67. *.0 1 1 8 5 .0, 5+. - ,+ . - 7.
20.6 5"., 40 . - .*6, *0 +"". .,0 2 6.60 6 .406 0. - 3+0 * 0.40 - 5 06.6 8
,71". * 0*0. * 5.90 04+,. ,+ 06 +6 ,+ - .41"0:0 6 5 *, 5 5. 4 9* 6.6,
,.*40 - 0" 9 1*0 - 5 1 0 1 0"1,06+ 0* ,+ - 1 21* + - 1*4.0+ - 5.6 +0"0 -
6.*3+. - .6 0 - . - ,0 4 " 9.6 06 J .*6 0+ - 1*6 - . ,7 1*0 - 0<+8 .6 0 -
,+ 063+0 +6 + - - . *60 018 ,+ - 1" * 1 1*,1 4 . .4 0 9"1 . - 5 15.9.*4. -
.".6+6 $1 6 0 - 1 " + - 70 040 - * 6 6+ 6 06 090 - 09 . - 5. 0*60 - *4 *+ -
06 "0*,1* + - 09 8 .6 08 19.6 +6 5 *, 5 8 " .0 .67. *.0 0<+8 1 1 8 5.
6 1, * + - + , 5 .*6 0 3+0 " 20 . - 41 6 *.0 +.0 5 1 0"" 1*0 - 50 - 66.*6
. 1"+ - ,. 4 *."0 - 1 21* + - " 20 1 + - +1 + 5.6 ++* 06 1" * + - 60 6.
- 0*6 0/0,+61 08 *1 - *.6 . - 1 8 6. * *15 *.6. :. 8 0 - 1* 2+8 ,.+ . -
5 .02+ 6 < ,+ - ." 0. * * 6 .+9+ "1,1 .,, 50 0*6 06 * .+ 6.8 *+56 .8 5 .0
".9 0*6 3+ 2+8 +*0 0.0 .,08 5 .0".6.0 0" 0*6< ." :0*0*1 - 1 60 - .,,0 6. -
- + - + .2.*6 "1 ,0 02 1 ,7 1670,. + - 50 6 0 1 141 0 3+.8 "" +*9+076. +8
3+ 4. - 04 1".*0* 8 9 0*.6+8 *1 - *0 71 - 1 ,0"0 .6+8 06 .4 4 +21 *.6+8
:0*4 4 "06 1 51 0 6. - 0* 4 "%0 61 *1* 06 . - ,0 02 1 .50 61 3+14 0/ +6
0 06 0* /0 - .*4.;0 .6 .2 ,0 " 8 * ".60 0 * 6 2 050 6+8 0/ * - . ,1*60*6 1*0
06 .6 9.6 1*0 ,1*6 .4+8< 3+1 0. * 50 0 06+"0 +*6 *04 , 0 561 40 0. 0 5+2F
" ,.61 / 0<+8 - 1 60 0/ - .9*+ - 41"1 0 - 5 .0 0 6+" 6 06 +*02 0 - ;0 60 -
- 5 6 6 616. .+". 0<+8 0/0 - 5"1 * "+4+ + 6 .4 5+2" ,+ - 41"1 0 - 60 6.*4+ -
*0 01 ,. + 5 1,040*6 . ,1* " . 06. 4. 0*6+
,."0*60 20"" 0"9 , *0916 1 ,+ - ."".6+ - 0"%06 1*608
* .**1* . . ? ." 1: 1 *60 ,05618< 3+. 40 0 51 60. 5"0* +8 4 ,0 - +8 43+0
: 40 06+ .+ 6+ - 06 1551 6+*+ - .4 08 90 0*4.8 * 6 + - 1" * +8 01 - .9 8
+ 90 0 090 - ,105 6 +6 6. * 5+",7 . - 1,,. 1*0 - - * - 0 5 .060 - 660 06 04
3+. - 5 - + - 5.* 8 20""+ - .50 60 *4 ,0 06 3+14 3+. - 4 + * 1, +"61 06
- +".60 6.*6+ - 90 0 06+ *+"". 40*+*, .6 1*0 5 +8 .4. 06 09* 60 90 6+ -
5 1: 402.6 06 5"0 1"3+0 0/ *12 " 6.60 3+ ." 13+ +"6 1 7+ , - " 6 .0 *1 - 0*
404 0*6 0. * 406 04.6+ 18 :0 618 " * - .*+8 5.*1 + - *, 4 0*6 *0 7
5 18 *1* <+ 0 20"" 04 6.*3+. - * ".6 1*08 06 6 .*8 +9.8 . .0:. 06 2. 2. .
90*60 +6 . 02.6 .* - .4:0 60 06+ 8 .6 1* 2+8 : 4+8 0/ 3+ 06 0 G 0- .2
* 6 1 0,0 .6 06 0. * .4 ,1* " . 1,4+"6. 6090*4. *0,0"%. . - . 2 6 .2.6+ ,+ -
*0, 0,+ . 0 1 - * *1 :0""06 *0 ." 0*0 .* - + 5 , 1*0 - 1" * 1 - 1:0 06 *0,
40*+*, .6 1*0 - .,0 0 * .* - 1 7.20 06 3+.*6+ - * 0 0 .6 60 - 5+8 0/6 .702.6
06 3+. - : 8 20""+ - ""+4 2 - .9*150 0 5 12. 1 60*40 06 6. - 0* +6 . ,1*, " 1
+1 5 12. 06+ .4 : 6.*4. - * : 4 . - 0/5060 0 0 4 ,02.6 6.3+0 1" * + - 1B
9.6 +6 0*60*6 . - +. - 0 561 ,1 - 5"04.6+ +6 0. * ,1* 61 1 "04 . 06 0/50* .
- .6+ 0 1 - * . 06 ,1* 40 .60 * 6.*61 *0916 1 50 .90 0*6+ ""0 9 6+ * 7.0,
:0 2. .4 090 - 0 0 5 6 G+ 40 +6+ 8 09*1 + - ., 0 + - 5+2" ,. + - ,1*
:0 1* 2+8 7 6 .* - 0 0/ 0/ 9* 8 0/60 * 8 5 .:. .4 - * 6 .6 1*0 06 50
,+" 8 12 , : + - 4 01 4 . - - 50*40*6 2+8 <+4 , + - 0 +*6 ,+ - *+50 J .*, . -
14 8 41 - 0 6 , 8 .9 6.6. - 20""1 , : " .,,0 6 1 +2 3+0 . 40*60 - 5 06. - .9 6 .6+8
+5 0 -

& 7 5 $ 9 $ 9 9 $ 5
+) + $ $ - 6 6- $ 6 5)$ 15 $
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? 0 4 01+ 8 0 6 -5 -0 4.*8 "0 5 0 - 0 :1"+ - 0 408 0 - 1 08 40 4+ $"0 8 1 *.;
- =0 % *

+5< 0 - . , "09+ - - .<0 6.60 .4 1 - *0 - " ,0*6 . - 5 1".5 . - : 40 0*6 , , / 6
- .2.*6 ,9*+ - 71, 3+1*4. - 5160*6 - + - * 7 5./ * 50 .61 0 20*0 , 1
0 3+. - 5 - + - . J+"90 06 2 0: +*4 6+8 0:0 + - .+6 3+ - 0" +8 50 .*6 + -
,* +8 0 .6 * 5. 608 5 1,+" 4+2 1 ".,0 .6+ - +*, ,+ - . 0 20* 9*
6.60 6 .*3+ "" 6.8 ,1*,0 ". 06 3+ 060 ,1*,0 "%. 508 6 +6 0/ "067 ." - 1 21 E."" .
0, 0.6. 5 6 *.8 : 0 8 06 4 9* 6.60 - 0, 50 06 1 - * ,+ . 06 +4 1 : 40*4+ -
0 6 *0 , , 4 :1 - ."1 + +8 155 0 6. ,1 - .6 7 " .+60 - .4 41 - 0 6 ,+ - 20""+ -
0: 6.*4+ - - .9 8 ,1*4+, 6 3+. - 6 1 8 20""+ - 90 .6+ 06 5 +40*6 6 - 0 + -
0 - 50 ,0* +0 0 515+" 8 20"" ,1" 8 71 60 - 0/6 . 7.20*4+ - *0 . - . * 0 5 18
:0 6.*6 6 E."" 8 71, * 6+ - 0 6 +6 0 - 0" + - 56. . - . .09 0 4051*.*6 06
,+ - 71 60 - 0/6 . *48 *1* 7.20.*6 * ,1 - - " 61*08 ., ,1*, :0 8 +18 .0
: .*6 + - 3+, 6." E0 - .7 0":06 5.,0 . 6. 41 - + - 3+ 3+0 0506.*6
E."" 41 - + - 16 + - 06 1 - *0 8 ." .8 . 608 50 1 .+6 * "1*9 *3+1 20""+ - 0 6.*6+
.+6 5"0 + - 3+0 *0 . - 1 + - 6 . 6.*41 + - 40 6 1,,. 1 ,0"0 .6. - 0*60 : .61 08
71 6 " 60 .99 04 +*6+ + - ."1 +6 41*01 0 - 04 1 * 60 - 51 0 5 .0:0 6.6+
0/60 *1 20""1 15+8 0 6 3+14 <+ 6+ - 3+14 . , "0 3+14 +6 "0 " 6 * 3+1 06 +6 " 6.8
,+ - 71*0 6.60 ,1*<+*9.6+ 06 40,+8 *40 5. 6+ - .4 +6 " 6.60 - 04+*406 4
.+60 - 7+<+ - 14 0 6 3+14 ,1*6 . $7 " 55+ - "5.* . + - 090 - 5 151* 6+
. - " .4 *<+ .8 6 2 .+6 * .06.60 5+5 "". ,1* 6 6+61 3+. 02+8 6+ 8 +50 0 "0
1 5160 .8 .+6 20"" 8 0/1 6 8 , : " 2+8 1,,+5.61 "".6.8 0"5 , .8 3+ 4* <+ 6+ -
""+4 ,0* 02 8 Ñ 1* .6 8 + 6 71 - * :. 6. ." 0* *:.40*4 ,+5 4 6.60 . 40*6
5"0 3+0 60 .: 6 8 5 1: *, 8 3+.0 , ,. E."" . - +*6 51" . "0 * " 06 .4 *4 .8
+ 3+0 E.""18 * 0 6 8 .* - 8 50 03+0 06+ "3+0 - - .* , +40" 6.60 * J"1 4.
6 +, 4.6 8 .4 - - .* 6.60 - 06 . - +"6 1* 8 *0,0 " 6.60 - - 51 + "06 +50 21 06
3+14 .4 *1 - * 8 J .*, , 9*1 - * . - 04+*4.6 3+. 6 157.01 0 0 61 : 6.
40 *40 ,6 6+1 + - 1 6+* 8 4+ "1 * 6 1 06 . - E."" , *1 - * 8 ., 09 .0 - .<0 6.6 8
4 9* 6.6 06 6 6+" 8 : - . 0 0 :1"+ 6 06 5 0* .6 1* 2+8 .5+4 ./ - " .*+ - -
50 .61 0 - 90*6 "0 . ++ - 0 0, 6 +6 5 *, 5 8 "1, 5 .0 19.6 &. * .+". .0 . 0.
6+ 8 "09.6 8 40*09. 06+ .40 - 40 0 6 2 06 1 - .0 .5+4 51*6 ,0 - ,+<+8 - .
<1 08 .401 40,0 "2 2+8 6+ 8 4020*6 , .56.61 60 - 51 0 ,1*6 1:0 " . - 0/, 6. 6< 06
* 50 5. . - ." 9*. . - . 3+. " 17 +8 . 04+8 J *." * 9+ . 6X . ,7 1
+ 6 .6 1*+ - 50 6.0 +8 3+.8 <. - 4 + 5.*1 + - . 6 2+8 .5+4 .0 . 0 - 0/50
6+ * 5.6 1, * + - - + - ,1* +90 0 6.6+ 06 ,15 .8 20"" %+ , , 06 &0*06 8
, " ,06 0 0*4 .+/ " 5 .060/6+ ,1* , 56.8 5.,.6. 6." . ,1*6 . 6." . - ;0 6 6 06
J *." + - *+"". <+ 6. 40 , .+ . * 5160 6.60 - 0409 6 G+ 2+8 02+8 ,+ - * - ,
06 * 0 6 0 9. 09 . - 6+. - - .<0 6.60 - .* - .6 8 . - 5". 41,+ - 0*6. 4040 6
3+ 4 +50 0 6 * +6 $7 " 55+ - 5.* . - - 090 - *1* 20""1 * 0 0*41 * - ,+ -
0 , .8 04 616 *<+ 8 5 1:1 ,.6+8 <+ 6. - . - 8 +"6 1*0 . 50 03+. 8 Ñ 6 .60
0 6 4+5" , 3+0 ,19*.6 1* 8 : *,+"1 6 2 ,1*<+*4+8 * - :0 1 01 - .<1 06 .6 1
, 1 *<+ . 0 6 3+1 .2 01 3+0 * . - ,+ - 0 0 0/ 6 - .2.8 616 *0,0 " 6+4 *+ -
: *,+" 8 60,+ - ,1*<+*4+ - 6. * ." 0*1 60 - 51 0 5 1 04. 0 6 0, - .9 8 .+4
0*4 3+ + - - ". 6 2 5 - 1 20""1 , : " .+/ " . .2 012".60 .*6 3+0 * 50 *4,
0, 60 0/ 6 - . 0 40208 .63+0 0+ - 3+ + 0*6 06 * 0 .0: 0 90 6 0*6 5+9 1*0 -
51 0/0 6 G+ 8 0* - :060 .61 .8 5.*1 + - . 608 9*1 .6 +6 * +1 5.,0 -
7.20.*6 * ." 0*. .63+0 .401 *60 : , *38 20""+ - . "0 0 .6.90*6 + - 013+0
60*40 0 ""1 +* ,1* " . +6 504.61 08 040.*6 4+ - ."60 +6 . 5. 8 : 4. 5 1 + -
150 - * 5"1 ,6 .+6 . - 2.0 - +6+ 8 :+"*0 2+8 ,1* 04.0 , .4.*6 06 *" 4 1 0? - #
- *0*60 - 5.*+ - 3+. : 41 0 - .4 - 660 0 ,19.*6+ Ñ 0""+ - 0 91 <+ 6+ - 0 6
G+1 - .9 8 6 2 & 40*4+ - 0 6 *0 6 6. * 5+",7 . - 1,,. 1*0 - 5 .060 - 66.8 .4"1
6+.

& + 0 5 ; 7 1 ,

6..ˢ5 .0", 2.6+ ˢˢ<+8ˢ 6++-ˢ6 2ˢ 50 0.6ˢ 06ˢ ,+-ˢ<+ 6.-ˢ ,.+ .-ˢ*+*,ˢ 1:0.8ˢ 6ˢ
ˢ " ˢ * ˢ . % " ˢ $ M ˢ ˢN ˢ . ˢ
: 40. 8ˢ (04ˢ -+"6 8ˢ *3+.ˢ,.ˢ:"402 6+ ˢ3+14ˢ .4:0 +8ˢ 20""1ˢ%+ , ,1ˢ -5",.6+ 6
ˢ ( )ˢ < ˢ?' ˢ # ˢ ˢ ˢ ˢ $ ˢ ˢ*
."60 1ˢ" 6 9.6ˢ ,+*ˢ0.ˢ<+ 0ˢ0/50 ˢ 6ˢ ˢ6.*6+8ˢ20""ˢ%+ , ,ˢ .:1ˢ0 6ˢ +6ˢ3+ .
5 1ˢ 40ˢ 7 6 .*.ˢ + ,056+7.ˢ0 6ˢ *ˢ5.,0ˢ ,2"0*4.ˢ .,ˢ 0 :.*4.ˢ 0" 9 1" 1 08ˢ ,%0
\4020. *+8ˢ ,+ ˢ 5.*+8ˢ ,.-ˢ .ˢ: , *8ˢ 71,ˢ60-51 0ˢ 0/ 9 6ˢ *1*ˢ 5 0ˢ 1" -
0 :.: 6ˢ 06ˢ*+*1,+-ˢ.40/1*0 .*4.-ˢ,1* ,R*6 .-ˢ06ˢ5".,.*4+-ˢ +-0*ˢ* ./ -0
15+8ˢ 0 6ˢ " . 6ˢ*12 8ˢ - * -0ˢ"0 :.6ˢN ,+ˢ4 6 1*08ˢ -.<1 2+8ˢ - 8ˢ0 056.8ˢ 06 *06ˢN
,+ ˢ 09*+- .:. .0ˢ 1040 .6 86 2ˢ 09 2+8.2".6+-ˢ : 1"0*6.51 "0 1*0ˢ1,,+5.6N
*ˢ5 140 "0 40206ˢ ""ˢ%+ , , *1- * 8ˢ14+-ˢ ,+- 5 0ˢ%+ , 801ˢ *60ˢ 7 6 .*18ˢ
4 060 6.2 "1ˢ 6ˢ ,0+ 0*4+ ˢ3+1ˢ ,. 8ˢ ,.*0-ˢ40:1 .*8ˢ "+51 5 1ˢ14 1 1 7.206+ ˢN
94ˢ 9 < 06ˢ*1* ˢ.*ˢ20""+-ˢ$7 "551ˢ<+ 0ˢ40*+*, . ˢ51 6ˢ 04ˢ3+.ˢ .6 1*090 ˢ
4020.6ˢ : 40.-+8ˢ 6ˢ :061ˢ <.-ˢ ""+4ˢ40*+*, .6+-ˢ5+6. 0ˢ 40208ˢ ,ˢ 0* -ˢ$7 ˢ
4 55+8ˢ0/ 6 -.6ˢ 06ˢ6. *ˢ60ˢ * - ,+-ˢ 05+6.6ˢ 3+.-ˢ ˢ 5 0ˢ ,+-ˢ0/0 , 6+ˢ0/5",.6 8ˢ
9* 8ˢ .4:0 +8ˢ 5 +-ˢ<.-ˢ5 1 0.+8ˢ 0" 08ˢ ,ˢ . "2: +-ˢ06ˢ ." 18ˢ 5 1,0 08ˢ 3+18ˢ
& "0ˢ5 1ˢ 50 4+0"" 2+8ˢ 7.206ˢ .ˢ60ˢ 72*1 ,0ˢ0/,05618ˢ *60 5 06.6+ ˢ*0, 9*1 .2.6ˢ
#A0*" +-ˢ51 6ˢ *608ˢ ,.5618ˢ 60,+-ˢ 09 0ˢ 06ˢ *+ ,ˢ *ˢ" - 60ˢ ˢ *<+ "+ˢ 6+1ˢ
."60-ˢ 0ˢ *1*ˢ - , 1ˢ - 60- ˢ+ ˢ12 4 8ˢ 150*ˢ 0 .6ˢ ,1* , 20 0< 603+ ,".-ˢ
, 04 6ˢ .,0 0ˢ 3+14ˢ5.".-ˢ 2*ˢ .+40.8ˢ *.-ˢ50 *40ˢ 0 6ˢ "5.*1ˢ 9".4 +-ˢ1 60*ˢ
4"%0ˢ .,ˢ 9".4 2 5 +-ˢ50 ,+" "0ˢ A. 6.ˢ0 6ˢ 9 6+ˢ ."0.ˢ *03+0ˢ 40" 20 .6 1*ˢ40ˢ
20""1ˢ * 0 0*41ˢ .-5" +8ˢ "1,+8ˢ +50 0 6 ˢ06 .4ˢ 20""ˢ 6. *ˢ<+ 6ˢ ,.+ .-ˢ06 .-ˢ0<+8ˢ
+,ˢ 1 - * ˢ - . .ˢ .,ˢ 4 " -+".6 1*0ˢ 51 "7.2 6. ?.50 60ˢ 90 0*4ˢ*0,0 " 6.8ˢ .,,0 " 6
&0 +-ˢ .0,ˢ -.9*.ˢ 01ˢ 9 .6.ˢ 3+14ˢ +6ˢ *0,0 ". +-ˢ ,ˢ 50 ., "0ˢ6 2ˢ20""+-ˢ
5 151 6+-ˢ0 6< ,1*<+*4 8ˢ 6+ 8ˢ 50ˢ5.,0*ˢ: 2+8ˢ 06ˢ 71 6 8ˢ 5160*6 .ˢ50ˢ0.*40-ˢ
* .4.ˢ.,ˢ4 ""5.6.ˢ ,ˢ 07 -ˢ0/ 6 -. 0ˢ 40208ˢ 20""+-ˢ 0 1ˢ *1*ˢ .+ 1ˢ - "60ˢ
*1*ˢ50,+* .ˢ90 ˢ< - "6 8ˢ .+60-ˢ 12+ˢ *ˢ ,1ˢ5 .0, 5+0ˢ ,1* 6050ˢ 3+14ˢ 41- ˢ06ˢ
.5+4ˢ 60ˢ 0 6< .340 *40ˢ *ˢ 1040 .61 +-ˢ .- , 6 .ˢ 06ˢ *ˢ +6 13+0ˢ "1*90ˢ 5.*18ˢ
+5 .8ˢ S. *ˢ *ˢ E."" .ˢ714 0ˢ 1-*08ˢ . - 8ˢ * +0:0 +*6ˢ 06ˢ3+ˢ.*60.ˢ.4ˢ6; -5. ˢ
*1 +-ˢ 6 05 6+-ˢ ,171 0 ,02.*6ˢ *+*,ˢ".06 6 .ˢ0/+"6.*6ˢ 06ˢ +"6 .ˢ5. " -ˢ - "6 .0ˢ
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+,ˢ 3 6ˢ 4+,08 0"%0*6ˢ : 6+60ˢ "+.ˢ -0 +0 +*6ˢ *ˢ 5.9 8ˢ *ˢ + 2 2+8 . -1 +-ˢ
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.+4 0*8ˢ 6ˢ .-ˢ .4 1*+-ˢ 0- *.ˢ *60ˢ5 - . 08ˢ ; 18ˢ 1 6. "0ˢ .47+,ˢ: 90*6ˢ
3+.0ˢ *60 ˢ - "608ˢ 9 09. 18ˢ5 1 +8ˢ ,+-ˢ5.,0ˢ0:.*+0 +*6ˢ 43+0ˢ * 9*ˢ0/0-5"1ˢ
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$.*, ",151" *ˢ 0, 5 0*4.-ˢ *,+2+0 +*6ˢ *.-ˢ *+ 3+.-ˢ -.<5ˢ *ˢ 0/0 , 6+ˢ
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6.*3+.-ˢ5 *0 50-ˢ -0 61 +-ˢ .,ˢ :+6+6 8ˢ +.0ˢ *"5041 0-ˢ 7.20.6ˢ 50ˢ9"1 .0ˢ
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' 440' 3+14' .2' 0/60 *1' - " 60' - .<1 .' - ."0 , .' *' .9 18' 50 506 .*6+ '< +6' 1*6' * '
6) (' ' ,0*4 .' 5 .04.0' .5 *.0' :. 6.6 1*08' 3+.0' 1 - * .' :0" 0* ' .+ +* ' .0:.' 3+1'
- *+8' 6+ ' ., .*6' ,7. 6.60' 5.6 .0' 5 17 20*6 ' 0 ,' :0 1' +6' +2" 6.8' 5. + - 50 '
06' *' - 0*60 - ' ,:1,08' 0.'60 - 51 .' - .<0 6.60 - ' 6+. - ' 1260 61 ' 3+ 2+8' E."" .' *6+8'
5.,.6.' 06' .' , : " 2+8' 4 0*" 1* 2+8' :.,+.' 20""+ - ' * " - 60' 90 02.6+ ' %+*,' - . '
<1 2+8' 6+ 8' ,+ - ' 6." 8' E0 - .* 8' 5.* 8' *9" 8' .05 +8' 06' ,+ - ' 5"0 3+0' 0/'
8' - +" 08' + 6' 6+*,' 515+"+8' *' 09* ' - 04 6+"" 1' 06' 50 ' + 208' 5. - ' 5 10" 1 + - ?'
06'. - 1 + - ' * 1 0*8' .4' 1" 6. - ' ,1 - - ' . - . - ' 6 0 - 02.6' 06' 6. - 0*' 1".*12 " 6.60'
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.05 +8' 051 6. +*6' +*,' ,+ - ' ,.". - 6.60' 5+2" ,.' 0 04 + - ' 6' +6' 1 - *,8' 12 #
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- .<1 ' *+ - 0 +8' *' 5.* .' ,1* , 2.6+ ' 0/' + 6 , 8' 06' 6 1* 2+8' 0 0' ,1* 6.6' 06'
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+2 2+8' 06' *' 0"9 1' +2' *' 1"1' " - 60' E."" . - ' 5,4.*60' / / : ' 5 .0 4 .' - .9* 8'
+ - 56 2+8' ."0 0' *0,0 0' 7.20*6' +*,' .5+4' 60' 05+6.' 3+16' "" ' 20""+ - ' %+ , ,+ - '
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+ - 6' (04' *1: - .0' 5+9*.0' +,,0 "+' 5"0 3+0' 60 0*6+ ' 06' 5160*6 . - ' "5. '
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"04+8' ,+ - ' ' , 1' 03+ 6+ - ' 1" - ' .,0 0*6' *+*,' 20<" 8' , : " 2+8' ." 0*.6.' .+6' .2 '
+ - 56.' *12 " 6.60' : /' .4' , ' 04.4 ' +*6' *' 8' :0 1' 5 1: *, 8' 3+.0' 0 - 0" 40 '
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,1*6 .' 718' 15 2+8' 3+ 8' 4 ,.6' 7+ ,' 0 51* + - ' 0 61 ' *18' *1*' *' 6." .' 20""+ - '
9. 0 0' *' 3+.' 5160*6 - + - ' " + - ' ,"."%0' *0 - 1' * , .6+ ' ' 04' *' 1,0.*1' *'
3+1' *1*' 6 0 - 2+8' 04' *.: 9 8' 16+*4 8' ,0 6.6+ ' ' 06' *' 3+1' 5 1 *40' *1*' 0.040 - '
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,+ -ˢ 5. * .ˢ :0"+6ˢ ,5*< - 46 8ˢ 3+ ,3+ 4ˢ50 ," 6.6ˢ 3+ ,3+ 4ˢ : 6ˢ + - +8ˢ 3+ ,
3+ 4ˢ. - " - +8ˢ 4ˢ616ˢ*.6 1*+3ˢ 6.ˢ,1*<+*. . + -ˢ: 2+8ˢ *1*ˢ 5. *1ˢ 124 .+6
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12ˢ 0"9 ˢ .*6 3++ -ˢ 0 "ˢ,+ -ˢ 41 - 1ˢ + 9+*4 ,.ˢ616 08ˢ 0*1:.6+ -ˢ ,1*6 .ˢ E.""18
1,4+8ˢ - * ˢ60 - 51 0ˢ06ˢ"1 1ˢ *12 8ˢ - - *02. *6ˢ +*,ˢ< - +6.6.ˢ0 6ˢ 0 + -ˢ ., 08<
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,+ -ˢ 0"9 1ˢ0ˢ6ˢ0ˢ 5. * .ˢ ,1*6 .ˢ60ˢ,1*<+ 6 8ˢ *ˢ0/6 0 - 0ˢ4 , * 0ˢ 0 - 50ˢ6 2
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.4 1* 2+8ˢ 4 : ˢ. ,ˢ". ,0 .6ˢ 556 +8ˢ - ."+ -ˢ ., , 50 0ˢ 3+. -ˢ * 0 0ˢ51 "+*6ˢN *ˢ
E0 - . * .ˢ :0 1ˢ 0 "2ˢ12ˢ 0" 9 1*0 - ˢ:0"+6ˢ - 50 1ˢ5 1* 1 08ˢ. * - ˢ +*6ˢ *ˢ E.2ˢ
2 + -ˢ . ; 1 * ˢ ˢ 3+ 550ˢ 0,0*6ˢ - 0 - 1 .ˢ06ˢ14 1ˢ 5. *16+ -ˢ3+1 + -ˢ. - 2 6 1*0ˢ
J. -ˢ , 04+*6ˢ +6ˢ . 1"+8ˢ:ˢ 46ˢ *50 <1ˢ *ˢ5 1: *4. -ˢ 04 90*41ˢ,1* " + -ˢ
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- +"6 5" , ˢ : *,+"1ˢ 90 - * .6. -ˢ 70,0"" 6+4 *0 -ˢ *ˢ $7 " 55+ -ˢ - .9 8ˢ 5 1,+ - 2.6ˢ
3+ 4ˢ20""1ˢ$. * *1* ,1ˢ 4 "6 4+8ˢ5.6 +0"ˢ. ,ˢ 1 5 1ˢ. / " ;ˢ 02+8ˢ6+ 8ˢ *01 - - 54 ˢ
- 51 6. 0ˢ 3+0 .62ˢ >ˢ5 *, 5 2+8ˢ 0, ,"0 6. 6 , 8ˢ *1*ˢ - +"6+ -ˢ15 8ˢ 50 . 0ˢ51 +*6ˢ
5. *ˢ ˢ 3+ 550ˢ37ˢ R05 +8ˢ - +6. *6ˢ *0,ˢ:."40ˢ15+"0*6ˢ +*6ˢ06ˢ12ˢ ,7. 6.60 -ˢ
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3+14ˢ1 - *08ˢ 0 + 6ˢ50 6ˢ *1 +*6ˢ " 6ˢ526 +8ˢ. 2 6 + -ˢ *60ˢ5 *, 508ˢ 20""+ -ˢ90ˢ
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+""ˢ5. 6ˢ .44 4.ˢ *ˢ50 ,+"1 + -ˢ ."0. -ˢ.+6ˢ5. 60 -ˢ :0* .6ˢ G+ 4ˢ"0* .6 -ˢ&0*06+8ˢ
71,ˢ+"6 - 1ˢ2 ;""1ˢ06 . -ˢ51<6ˢ ; 41 <. -ˢ+"6 - . -ˢ6. *6150 9ˢ40, .*6.6. -ˢ : 41ˢ3+. -ˢ
: 41 ˢ:0"ˢ 5 1ˢ .60*6 <ˢ - .9 8ˢ 6 - " 8Nˢ ,+ˢ 0 8ˢ3 16 4 0ˢ ,+ +ˢ 59* 8ˢ 4,ˢ20""ˢ
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+,' ,+ - ' .4' 0/ 1":0*4.' 402 6.' ,0 61' 4 0' .55,). *6+ ' 60 - 51 8' 9 .6 . - ' .' < ,0' A@: '
- 5 1 . 0' ,19. *6+ ' (04' 50*+0* 0 8' *' 6." .' 5 ., 6, 0 . - ' 3+' 3+14. *+*14G
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" "6.6+ - ' 0 06' 06 *4 0.8' + . ' 3+ .' 0 .6' *' 5.6 . - ' ,7. 6.60# 3+ .: 8' ,5*4 6 1*,
05+4 .6. 0 - 50 ' ,1*6 .4 ,0 06' *1*' ." . - .6 1*0 - ,1 - * * , 55 + 6' . 1"+8';
5 +40*6 " - +8' 5 *,058' 3+ .' E0*+0* 0 d' *' 1 , 1' ,1*6 6 0 ,J ' ' 1 - *0 -
01 + - ' 50,+* . - ' 3+ .' 1". ' 0 0' ""1 + - ' 150(1* 6. *6' . ' 1 - * + - ' 0 + - ' .
*.6+ . 60 " 6.60' 06' *15 .' 4. - *.6. ' ,1 .40 ' (,' 0* ' 1 0' <+4 , .2.6 ?+6' .:.
90*8' - 0 +' + ' . - 660*4' *' 40' 50 0:0 . , ' "" ' 9 6 + ' .2' 01' 60*(51 0' 0 ,
3+14' ."0.0' "+ 1 2 8 . - " . 0 0 6< 3+ ' # ' 50 4. *6' 3+ 6 4 0' 50 40 0' *1*' ,0"%. *6
,6' 5; 8' .,' 0506 6 8' +2 *40' ,1* .4 2+8' .,' :0 .? 05 +8' .' 402 61 0' .4.' 5
402 61 ' 40 - ' 3+. - ' 0: 0, * 0 *1*' 5160 . *6' 12" 9. +*6' ? +*,' &0 1' + - ' *0 ,
50, * .' "". 05 "2 0*606+ :' *04' + + .0' 4050 4. *6+ ' - ."+*6' 26 1 * ' *+* . - + - *
. 0.' 40" 40 0' 3+ . - ' 10*1 ' .401' 50 ,+"5 1' ,1""1, . 0' 8\' .440' J *." + - ' 5+506
,+ - ' 9 .: ' <0*) 0* + - ' 0 5+2" 0.0' 406 - 0*61' 06' *<+ .' .2 5. * 8' 1,, 5 + -
9, ' 3+14' 5. *1' 3 2' 0.8' 4 / :' ,.+ 4 ,) 0' .,' 5.0*0' - 51 2 "0' 0 " 0'
5 0*4 - +8' 6 2 ' ,1*6 .' 50 .4"0' 0 6' ,+ ' *' *22 " 6.60 - ' .63+0' .405' 03+ 6.6+ - '
3+' 0 0' 8' + - 56 2+8' - " 6.6' 0/ 9+1' + - 56+ 5+8' 6 ' 06' 6. *6+ - ' .4' ."0*4+*'
504 6 ' 500** ' 04' 0.' 60*+ 8 ? - 141' ,0 6.' A 6' *0,0 ". . ' ? ' .445' 3+14' *'
71" ,1' 0""+*"' 90 0*6 h ' 20""+ - ' 20" 5' 5 1' .) 6 ' 40,' 5 .060 ' 09* ' < .7.'
3+.0' 115 1 .' *+*,' *' 5. ,0' +5506+*6' 45' ., 0 ' 3+ *' 09*1' 6+1' - . 5 + <
6+1 +* ' .,' 5 1,0 + - ' 20*0 , 1' . - 5" - +* ' 5.6 6*1* + - ' 51 406 ' <*' 6. - ' A+6N '
.,?*0,5"". .' ,.+ .' 6 2 ;' 5+65' .+6' 2 ' 400 6' 91 ' 0+ - ' $7 " 55+8' *0,' - *+'
-) 6. ' 0,' 50,+* .' 3+' 5 .0, 5++8' 20""' *0 :+8' "0 6' 5 +8' 3+* *' *+.' - .<0 6.8'
:.",.6' 3+ 4' *' - 1 .' 0 ' 3+1' - *+8' 20""+*< 6. - ' <+ 6+ - ' .,*0,0 ". + - ;' 6. - ' 02* '
04+' \ ., "0 ' ,+ - ' - .* 0 6.' +6) 6.60' 5 - 1' 3+13+0' 60 - 51 0' + 0 5 .6+ ' ' &0 + *'
662' *, 5 0 4+ - ' ""+4' 06' 3+.' .6 1*0' 90 0*4+ *' 6 ' 63+.0 6+ ' M ' A "5. * *'
$; 0*.01' 5/,"+4 - + ' 06' - 1* .*.' 0 0' 09 1' .,' 60 " 8' L * 4 8' .,' :+"5 *1' . 6+'
9 . ". 66 2+8' 1551,6+*.' +20 6' < *0,' ,1 - - 140' ,+ *' 5. * 8' *' .* .' 20""**<
90 6+ ' *2 ' *12 " 6.8' + 8' + - 56 2+8 5+9*. 0' 5 1' * 2+8' 60*06+ # ' 06' *09 0'
" - R0 - ' 09 04 6+ ' 6." . - ' 16 ,8' * 0" , 606' 60*6.6. - ' *0' * - 0' 506. - + ' - +"6.'
5 17 20*6' < ;0 ' . 3+ 0 0 - ' .* - ' 0,0*8' *6+6" .5+4' *18' 5.6 1, ' - 0 1 .'
!* . - ' ,' 1, , +"6.' + - * 8' :1"+*6.8' + 6@ 06' *90*608' 20""' %+ , , ' .55. .6+8' 3+.0'
1 .* . *' *58' ,2*;0 606++8 ? 01 3) 0' 5 28 #3+' - ' ' X*' 6." . - ' 9*.
* 0 . - *8 ' 0/' 1,,. 2*0' *52 871 60 8' 0 , 0* +8' 0 + - ' "+50 0 6' +2' 1,+"18'
- - 1' +2 *.*+ - ' 51 6+ - ' 5 5,+"' .2' 5. * .' 06' 6." . ' 3+14' 5 5/ - 6.60 *'
: 6. +2 ' 5"028' 52: 8' +" 8' E.""18' 0/50 6.3' +2 ' 4 " 4 .' 6 2' 51 6.8' + 2 + - ' 0'
, .*6<' 06' - X 58' .4' ;.40*4.8' 0.8' 5 1: *, .8' 6, *6 - 6' < *0,' <+8' 6 2 ' *' 8' 400 6'
3+14' ; ' <# ,.". * 6.60' 5+2" ,.' - .<1 2+8' 6+ 8 .2".6+ - ' *+*,' 1,,. 1*0' 12".6.' A+ 0'
6 <060 0' 51608 ' G+14' " 6' ,1 - - 44 +8' 50 , .8' 6 2 ' 104+8 + - .+ 1*0* ' 4 '
0+*4+ - ' ,+<+8' - .9*.' .+41 6.8' *+"6.' 9 .6*' 90*608' 3+0 *' 0"9.,' 6. * M
3) *' " 20 6.6 ' 5.6 .0' 5 15+9*.65 0*' 55R *6' 8' + 208' 55 4. . ,08' 3+.0' ,'
*' 0<+8' 4 07 0". - ' 4040 +*6' 6+1' 5.6 1, * 1 "#3+1' ""0' 0906' ,1 - - 6606 ' 0<+"3+,'
.+ 5 , 8' 20"<+ - ' 90 06' ' *40' * 6 * - ' ., 0*4+ - ' .* ;, /5+9*.6 8' .* - 8' ., "0'
,060 .' *' 6+. - ' 5160 6.60 *' ,3., 40 6 ' 06' 01*,) .6 8' *4 90* 8' A5 5 - ' *2 3+0'
7Z< 60 8 < . "0' 0"9 2 5,""08' < 5 - 8' 6 "N' ;. 4+8' 0/0 + +8' ,1* 0 20*4+8' 3/'
<66 " 60' 3 - ' 4 0 5" *. - ' 0 :06' 3+' 5. 0 0' 4 4 ,0 6' 3) ' 5 .04.' ,6' .5 * 8' .2 6 *0.6
*0 ' . - 8 D' - 5"0" +8' 6' 3+ ' 71 6' 6, 2 " < 4, ' 040 1' 4+, + - ' :0 2 8

' 0% ' ? $) 0 W0 ,' T) ! ? X

6 .+4 0*8 .2 . - , 8 " 20*60 . , , 5 .6+ 4 .+60 - ." 6, ,1* 03. *1* 51608 3 . -
05 .0 0*6.61 * 60 - 51 0 6 50*4 1 3+1 50 1"+61 * 7 0 6 3+14?.2 01 0/ 90 0
1 55"" 8 (, 40* 3+0 20""+ + 90 0 0 40208 +6 ,1 - - 0 , + - 3+1 0 0 " . ,
5 1: *, .0 ,1* 6.*6 5"0 3+0 "1, 8 ., - . 6 - 8 5 .0, 5+0 - * - 0 *60 - 66.6
1* .+60 - " - 60 - 06 . ,08 * 01 53 6.8 .99 04 5 - + - 4 208 3+14 5., .6.
56 & *, . 06 *+"" 8 *60 * 8 4 "%0* 1* 2+8 .9 6.6. 1 6. "0 ., 0*4+ - 0 06 .,
0/1"06. 9".4 .61 . 1 - " . 3+.0 6.*6+ - 2 ., 7 . 0 , + . .66 *9 6 6 2 ,1 6 2
: 6." . 5060*4. +*6 71, 0 6 - 06 151"08 * - 04 6+ 1 6.0 5+6. +9.0 3 .8
0 0 402 "0 8 .+6 .2 555 4.* 8 6.*6+ - 40 0*4.*6+ ., "0 ,.5 08 .+6 71 6 (
.+/ " 1 :0* .6 ,+ - 01 5 10" 1 40,06*08 $"+ 08 .+60 - 0. + - 5.*1 + - 14 4
,6 " 20 6.6 8 6+0*4., 40" 40 1 +"6 1 404 6 1*0 - ., 0*6 3+ 2+8 * 40 - ., 056 8
5 6 *. - " 20 6.60 - 0 6 6+0 6 5 : "09 . .*6 3+. 06 - * 6 * 6.608 ,1* 6 - . 0< *1:.8
.440 0 6 2+6. . "+06. - *+0 0 40208 \G+14 6 3+.0 "+*6 3+.0 . 6 *6. 7+ - .*
.60 *: 6.6.0 0 60 0 6. - 0* .+ .0 +0 *6 8 : 0/5+9*.6 8 0:0 6.60 1558 0 6
1 3+ 40 - 5+* 6. 5"020 04 * 9* 04 61 * 018 3+ 0 5"02 .4 50 6 *., .3<
4+,08 5 .0202+*6 0/0 - 5"1 . .6 1*0, 6 . - .9*4 - 50 ,+"+ - , 61., 0" , 60
- .9*. ,+ - 0/ 6 - .6 1* 8 . - . 3+. 0 0 20"". ,1* 6.*6 0 - ,1* , 08 1 . " 8
. , 2+8 06 0/ 9+ 8 - +* 6 5* 2+8 * 3+ 2+8 ,.5 0*4 8 5"+8 50 ,+" ,.56 8 5. *
40,1 8 06 5 1 0 6+ N .4 : 61 0 - 04+*4.6 0 .+60 - ,1* 04. *1* 15+8? 0 6
*+"6 8 06 9 . : 08 5 1: *, .0 5 .0 4 8 .4 0. * 6+0*4. - 5<<" 1 5 1,+" 5.*1
06 *. . .03 0 ., 60 . *60 ,"+ 1 04 5 1 + - 0"9. + - 150 3+ 2+8 " 20 6.60 -
41*.:0 8 0"9 + - *1 , 1 ,1*6 *02 8 06 - 51 6+*+ - 6 2 06 0"9 8 .03+0 71 60*.
*0 0/ 5 15 *3+1 * 6++ - " - 60 - 40 5 , .6 "1*90 6 .*8 "50 8 06 $; 0*.0+ -
.2"09.2 8 5 1 - 160 .4 # 1 . - + 3+0) - 60 +*40 *1* 1"+* 5160*6 " - . +*
., 55+"0*6 - . +* + 2 + - ., ,0 5*0 09*+ - "1,+5"06.2 8 04 0"9 8 " 20 6.6 8
.+41 <E0 - .* 8 : , * 8 . - ,+8 J .*, .0 0,+ 6.60 - 6 2 - - 1 6."0 - .5+4
1 - *0 8 " 20 ." 6.6 8 ,"0 - 0*6 .0 ., 20* 9* 6.6 8 0"9 8 . 6; .** ,. 0:0 6 .60 . 6
0 6 8 ".+40 - ,1 - 5. .2 8 G+14 +6 - .6+ 0 ., .8 40*+* , .61 .50 60 20""1 *1*
1"+ - <+ 6. +"6 1* 8 .6 1*0 51 6 616 ., ,056.8 *<+ .< 04 *0,0"" 6.60 5 . - 50"
"0 8 %0 .*0 0+8 12".6. 6. * 5 .0,". . 1, ,. 61*0 *0 +4+ - 0<+8 50 * , 1 .
* 1 . ,1 6+ - 5.8 .4 - 1*06 *0:0 ,1 - - 66.8 +6 ,+ - 5.*+8 , - 1"0 6 . 06 *
,1 - - 14 6.6 2+8 3+.0 "" .2 .+ 1*0* 6 ., 0 " *6+ 0/504 0 6 *<+ . - 4
- +". *60 . 60 ., ,056. - , .56.61 60 - 52 0 , 6 . 4 - +". 6 1*0 - +", 0.6+ ? + ,
0 565 ." . - .6 1*0 - .44 40 .6 1" * +8 01 - * - 0 ,1 - 5 070* . - 3+.* 09
* .+ 0 - .05 +8 *,+", .;0 .6 3< . * ,0 6.60 - 20"" 7+<+8 X - 51" 6. - 1 60*
40 .6 *0 1 " ,06 0"9. + - 5.6 1, * + - 0,+ .*60 5 1 " .2067. *9"1 + -
09 *. ,+<+8 150 - 50 E."" , .+/ " 5 .0, . 5 1,+"4+2 1 - 5"1 . 0 0"9.0 ,1
90 0*6+ ""+4 + 0 50 06 06 0"9 5160*8 *60 - 1 6+. 20 "1 + - * 0 6 .401
.* - 8 *60 5160*6 "" - .8 90*608 90 61 + - 0 - *. 0*1:. 06 ., ,040*6 2+8 0"B
9. + - 06 + 9+*4 , 41 - +8 .4 .*6 3+.8 *9"1 + - ,1*6 . *18 6 - +"6.608 14 8
5. + - 3+0 + , 1 2+8 20"" 8 .4+ - . 02.6 2 ."061 : / 51 6 , , .**18 0,9563 h6
+ - - 16 8 . ,3*6 *0*6 *1 6 1 *9" 8 6 4 - +". 6 1*0 .+6 1 1 4 . *1 6 . 018 *
0"9 1 5040 - 90 0 06 5160*6 . - * 6. 0 5.6 . - +
& / , 56+* ., ,056+ - ,1* " 1 <. - .*60. 5 12.61 ".+4.: 6 <? 06 ,+ -
60 - 5+8 , 6 . + 5 , 1*0 - 0/6 .70 0 ,+50 06 A1.** IP 1 : ""0 1 3+ 5 - . + -
* + + 6 1 0 0*.6+ 06 .06.6 8 06 0/ 6 - .6 1* 8 "1,+ - 60*02.6 51 04+ - ,+ -
""0 .2 7., 0*60*6 . 4 40 06 +6 0 ,1*6 . 1 0 561 0 51*40606 - 50 .; 6
G+14 - 0* 0 A+* 1 0, 6 ,+ - 0/ .4 ,."2 - 2*1* 0* 0 60 6<5 .2 + 20" 5 4,
? ;0* "06

:,* "06' *90* + - '3+."0' 1 : ""0 ' 6.",' , 56+ - '0 +8' + 6' ' 71* * 8' 5 12'704'
- 04 1, ' 0 + - ' + +' * 6 +46 ' 06' 3+. - : 8' *' ,. 4 *."8' 16. *9' . - " .'04+,.6+8'
0 "06' *1*' 6.U0<+8' . - 2 6 1*' 0 : 0*6 8' 40' ,060 1' ' ,.+6 1 8' 063+ ' 5 .0 0*6 8'
50 , "':0"'"0: - ' - 06+' 2.+4' ., "0' 90*0 1 ' ,+<+ 3+. - ',1* " '.4' 4 ,+6 0*4+ - '
- .<+8' .,' ,0 6+ - ' *' 51 60 + - ' 50 ,+"+ - ' .+ 61 ' + "06' *' 7.0,' .+60 - ' :0 2.' 0'
90 - '.""13+02.6+ ?' , - * ' - + - ' : 40 ' 40206' 7 6 .* " - 3' 0/ ' ' 3+ '40'
* . / - ' - 1 - 0*60' 02+8' 3+ ' 40' *,0 6' .,' 50 ,+"1 ' 0/ 6+8' *0916 8' 3+."0' ""+4'
0 6' 3 + 1 4 '*+*,' *' ,1* +"6.6<1*0 - ' 404+, 6+ ' 0*60*6 . - ' , .6' 4 ,+*6' . - '
.*9+* '+ ' . - '+6' 08' 7+ - .*.0' .,'5 .0, 5+4'0.0' 3+.0' .4' 0 - ' - " 6. 0 - ' 504.*6'
0 0' .' 1 +*.'50*40*6' "0' .050' 0:0* 6' +63+.0' - .6+ 0' 40" 20 .6.' +*6' 2.+4' 0" '
, 60 ' ,.4.*6' ' ,1*6 .' +6' 60 - 0 . .' ,1* 6" .'5 1 50 18' +,,0 ")8' *.*, 0.*6+ ' G+! '
6' +6' :+"9+8 ' 3+ ' 48' +,,0"%+' 516 +8' 3+. - ' .6 1*0' - 06R+ ' 0/' " * 6 1' 0:0*6+'
5 +40*6 " - + - ',1* " +* '4. - *06' 40 - ' 60 - 0 0' + 0056+ - ' 5 1560 ' 0" ,0 - '0/ '
6+ - ' ".+406'd' 4 +"618' *' ,1*" "6.6 1* 2+8' .' " 20 0' 4 ,0*4.' 0*60*6 .' 4060 06'
L:0 618' *0' - *+8' 0/' :161' +,,040*6 + - '0:0*6++ - ' ,+"5.' 0 8' - 5+606+ ' '&0 + .'
0/' 0.' .* / 06.60' 5"0 + - 3+0' 40 - ' *,1 - - 14 ' 3+14' 0/' 60 - 0 . 8' ,1* " 8' ,1* '
03+ 6+ < +6' 06' 5 *,058' *60 0.' .4' 2,""+ - ' *0,0 . .' *03+< +. - ' *' 60 - 51 0'
5. 06' 06' * 7 "1 - 7+8' + 5 , 1*+ - ' ,.+ .8' : , * 8' 5 .020.6' 3) 2+8' .03+0' ""1 + - '
.* - ' 6.*6+ ' .63+4' " ' .50 61'20""1' 5060 0*6+X' , . - ' 9 6+ ' 0*60*6 . - '" 20 0'
3+. - ' +6' 21* ' ,1* +".6' - .<0 6.8' 6+. ' 3+. - ' 40 - "0' 51 6 + ' 1 1' 06' 1260 61 ?
0""+ - ' 71,' <+ 6+ - '6 0,0 6. + - :0' 6' +0,*0' 4 5+6.*41' *1*' - +"6+ - ' - - 1 .21 '
3+14' 4 ,+"+ - ' 5", 3+0' : 40.6+ '5 *, 508' 06' ." 18' 3+ ' 0 - 5+2" ,. - ' 6 .4.*6'
3+ 3+0' 0<+8' +6 " 6.60' 06' 1,,. 1*0' - 06 ' 1"0*6' .4' 7.8' , +5+"1 .8' 3+.0 6 1*08'
7.0 6. 0' (,'6. - 0*' ,0* 01' *' 20) 1' + 0 5 0*41' 3+14' 06' *,1 - - 14 '5"+ - + - '
0 - 50 ' *0,' - *+8' 50 ,+"' .4* 6+ - '7.206' 5 *, 5066' .*60' 1 - * .' 5 1"5 ,0 0' 40'
20 0' +6' <+8' 50*08' 0' 7.20.6' *03+0' 0* - ' 0/ 9++ - ' 0 6' *' +6 .3+0' 1 6+*.' 1". '
6 + - ' 60 60 - ',1* 0 0*6 . - ' 7.20 0' 06 0+ *' ,.+ .0' 5 .0' <+4 ,0 - ' *1*' 0 1 - 4. 0'
+*40' 4+, .' *' ,1*.6 2+8' 06' - .<1 ' *' 50 ,+" 8' .* - ' 5 .0 0*6 .' 03+ 6+ < 06' 3+ '
<+ 6. - ' ,.+ . - ' 6+0*6+ ' - " 608' 1 6 +8' 5 *.*6' 06' 515+"' " 20*6 +8' 1508' *' 0. *'
,1* 0 +*6' 6.3+0' 3+.*3+. - ' *1*' 4 60. ' <+ 6. - ' ,.+ . - ' 5"0 + - 3+0' 4 "5. 0"
+,,0"%+8' 03+ ' 3+14' 06' **+ - 0 8' 0/0 - 5 8' 5 12. ' 5160 6' 06' * - 8' *1 6 1' - .9*1'
,+ - ' - ."1' +50 1 2+8' 60 - 51 2+8' 0/50 60' + - +8 ' *+*3+. - ' 5 *, 5' .+41 ' 0 1'
20""' + 0 5 0*4 ' 3+14' *1*' *0,0"" 6.60' .+6' 40,1 8' .,' 4 9* 6.6 8' 3*.0' *' - 50 8' '
,1* 0 :.*4 8' 5"+ - ' - 1 - 0*60' 0 - 50 ' + 6' .6 1*0' .+6' ."60 - ' < 50, 0' 6+0 ' 51" 6
&0 - - ' 7 8' 1 - 8' *+*,' : 40. - +8' ,1* 04+*0' ., "0' .*' ,1*6 .' 20""+ - ' 1,' 6'
3+ 4' +6 " 6.6 8' 0/' 01' .+6' ,1*6 .' *,1 - - 14 ' .,'50 ,+"' 04+*4. ,' 3+ 2+8' 407 3+0'
15 2+8' 90 ' ,6' .4' 0/ 6+ - ' 50 4+, ' 51 ""6' +*6' 3+ ' 71,' 20""+ - ?' +.40*6 ' * '
61"0 .2 " ' # "2.* ' <+91' 155 0 ".8' *' 0"9 1' , : 6.608' 0/' 40 50 .6 1*,' .4' 40 04 1 '
0 - ' + :0 .8' 504. 0' - 1 60 - 3+0' 5 .0' 0 : 6+60' " .' 156. 0' 12' 4' 09 8' 150*6'
- 5"1 . 0' ?06' *' :0 2.' 0<+8' <+ . 0' 5. .6 ' 4+ - ' 5 0' 40' .+/ " 8' 40 - ' *60 51*.6' <
.63+0' 3+. - 5 - + - ' : 42' E."" .0' *' 0"9 1' ,1 - 5. 02+ 6' :, 8' 6.6 - '.* - ' '
*616+ - ' 40,". .6+ 18' 06' 51 6. + - ' ,".:0 8' .4' 5 + - ' ."".6+ 18 #6. - '5+",7 .0' 1,,. '
1* ' * 7 " 5 .060 ':1"+*6.60 - ' 400 "0' ' 090 - ' 5 1 *40' 0. *' - * - 3' 5 .060 - 660 ,'
4020 0' *. - ' 6.' - 1 - 0*61' 46 .' 50 ,+"+ - '*0,' - .9* 8' ,+ - ' + - 56 2+ ' 0"9 + - '
+ ' <+ 8' .,0 0' 51" 0' ,+<+8 5 1: *, .0' 5"0 .03+0' :0"+6 ' - 0 - 2 .' .' E." "01' ,1 52 0'
*<+ .' .:+" .0' +*6' ,6' 6.*3+. - ' *<+ 6.' : ' . - ".0' <+ 6 8' . - 8' 0506' 51" +**

. ' #' ' /' "2)'"' '="3)'" G+' &3='29' C2" 1' G=2>3)'9' 3)' C2' G="3+3)'9' J
< % $ 4Z #6
. ' ' ' ' '

* 1 ˁ A ˁ) E ˁ %)

D !ˁ> Kˁ > # ˁ # ˁ # ˁ . ˁ * %ˁ E ˁ *ˁ

ˁ ˁ .:1 .2 "0 8ˁ 1 0ˁ 06ˁ 3+1 - *+8ˁ "2.*+8ˁ.+/ " . 0 8ˁ ,15 .8ˁ .5+4ˁ 0ˁ ,1*", 2.6ˁ - ˁ
504 6+ 18ˁ ˁ <. - ˁ D .+ 1*0* 0 - ˁ ,+ - ˁ 5160*6ˁ 0/0 , 6+ˁ .4:0*6. 0ˁ 3+ˁ *+ - 0 1ˁ
3+16 4 0ˁ , 0 ,.6ˁ 06ˁ "2.* ˁ : 0 8ˁ .03+. 0ˁ :.R.6ˁ +41: ,. - ˁ ." 1: + - ˁ 0<+8ˁ
.6 0 - ˁ2ˁ 1*608ˁ 60*0 0ˁ - +* 6 " - + - ˁ06ˁ :."40ˁ 1551 6+*+ - ˁ .4ˁ 0 - ˁ 90 0*4. - ˁ
155 4+ *ˁ 6.ˁ J .*,1 - - ˁ *90* + - ˁ 0"0 ˁ 66ˁ * ˁ 5 8ˁ 71 60 - ˁ 7.20.*6ˁ 41 - ˁ 3+.0ˁ
.*6ˁ 06ˁ *12 " 6.60ˁ .,ˁ 71 - * 2+8ˁ 20"" ,1 8ˁ 106. - ˁ E."" . - ˁ 2.+4ˁ 4 +ˁ 5.,0 - ˁ ,1 ˁ
6+ . - ˁ< .6360ˁ +6ˁ *ˁ +,,+"0*61 ,1 51 0ˁ .*9+ * 8ˁ .2+*< .*6 . - ˁ406 .4 1*0ˁ*0ˁ,1 5+8ˁ
+ 1,.6 1*0ˁ ,1 + - 5.6ˁ ,1 90*4. - ˁ 01ˁ 40* 3+0ˁ 08ˁ 40:0* "0ˁ +6ˁ $";" 55+8ˁ
4 " - +".6 1*0ˁ *1 6 .ˁ .03+0ˁ .63+0ˁ 40*+*, .61ˁ .5, 60ˁ 20""1ˁ 0/.,0 2.6+8ˁ * ˁ0+ - ˁ
.*60:0 6. - +8ˁ 02+8ˁ 0<9 ˁ ,1 - 51 6 8ˁ 50 ,+"1 1ˁ - . 6,ˁ *18ˁ - 5. .618ˁ .41 .6+ ˁ ˁ
ˁ06ˁ 5 .0 6. 0ˁ 9*0 - ˁ *ˁ 41 - + - ˁ : , * ˁ * 0 0ˁ 3+. - ˁ41 - ˁ 040*41ˁ 9*.: .ˁ +.ˁ - ˁ
0 .2 " 60ˁ ,1* ".9 .60ˁ G+.0ˁ1 - * .ˁ ˁ 3+0 - .4 - 24+ - ˁ4 ,+*6+ ˁ 6.ˁ :0 .ˁ0 0*6ˁ
5 *, 50 - ˁ 4 +6+ * ˁ 1, ˁ 6.04 1ˁ *.+ 0.*60 - ˁ 06ˁ ." 13+ˁ 15 2+8ˁ "1*91ˁ 60 - 51 0ˁ
,1*90 " 8ˁ .2+*4.*60 - ˁ 1 6. 0ˁ .4ˁ 20""+ - ˁ 0/, 6. 0ˁ 51 "0*6ˁ 00ˁ ,0 60ˁ .2*+0 - ˁ
0"9.8ˁ 4+ . - ˁ "2 ˁ 41 - *.6 1 R - ˁ 50 6.0 18ˁ 14 + - ˁ ,.5 6."0ˁ ,1*6 .ˁ 5.* Iˁ
,1*,05 "%0ˁ 1 - * +0ˁ .6 1*0ˁ0* /+ 18ˁ +6ˁ 4 .0ˁ 0 : 6+6 8ˁ<+9+ - ˁ " 20 8ˁ ,0 : , 2+8ˁ
0/,+6 .*6ˁ 06ˁ ˁ 51 *6ˁ 090 - ˁ ,+ - ˁ 5.* 8ˁ ,1 - - 66.*6ˁ +6ˁ 50ˁ 20A") - ˁ ˁ
06+ .ˁ ,1* " 1 + - ˁ 0/16 ,1 + - ˁ: 3"0*6 . ˁ .03+ 8ˁ 6.*40 - ˁ ,1*4 6 1* 2+8ˁ ,+ - ˁ $7 ˁ
" 551ˁ6 .* 9.*6ˁ (04ˁ *ˁ 09 8ˁ :0 2.ˁ5. .618<+ . 0ˁ3+1ˁ - *+8ˁ , 04. .ˁ - +"6.ˁ - 0ˁ
- 1:0*6ˁ ˁ *90* + - ˁ 71 - *+ - ˁ .ˁ*1 - *0ˁ E."" ,1ˁ 0 - 50 ˁ ." 0*+ - ˁ "0: 6.8ˁ 0/ˁ .*ˁ
*." + - ˁ 40ˁ50 504.ˁ ,1*4 6 1ˁ40* 3+0ˁ 5ˁ.ˁ 06+ * ˁ *. - ˁ 0 0ˁ + +ˁ:0* 0ˁ,0 * - +8ˁ
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- +60*6ˁ 8 6.3+0ˁ .5 0*6 " - ˁ 0 + - ˁ.0 6 - .61 08ˁ *+*3+. - ˁ *ˁ515+"ˁ .4ˁ 1 - *0 - ˁ
.+ . - ˁ - 12 " 8ˁ *90* 1ˁ 51*4+8ˁ 0,0 0ˁ 6ˁ :061ˁ +2ˁ : ˁ .47+,ˁ +"" ˁ3+ˁ ,+ - ˁ 40ˁ
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41 - *.6 1* ˁ +2< ,0 0*6ˁA *. - ˁ ˁ3+ˁ +0 +*6ˁ ˁ .+6ˁ 5 :.6.ˁ .+41 6.60ˁ .+6ˁ *0ˁ
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3+ 2+8ˢ .4ˢ 0"9 ˢ40 0* 1*0 -ˢ12" 9.6+ ˢ 0040 Nˢ ""1ˢ 0*+*, . 0ˢ *1"+ 6ˢ 6.3+0ˢ
06ˢ .":1ˢ 1040 0ˢ 60, + -ˢ 61ˢ $7 " 551ˢ .4ˢ 0.8ˢ 5 1; *, .8ˢ 6+6. *4.8ˢ .+/ " .ˢ + - - 6ˢ
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24"1ˢ 5 - 06+ˢ 3+ˢ 0. *ˢ 4 0+ - 6.6ˢ 1"+6.0ˢ .2ˢ 5.* 8ˢ .6 8 06ˢ 06ˢ 71*0 6 805*ˢ
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,0 6+ - ˢ ,+ -ˢ 5 ˢ - +"6ˢ *7 0*6ˢ .ˢ - +"6 8ˢ 2 3+13+0ˢ - 06+.6ˢ 70,0 0ˢ 0 6ˢ 6.3+0ˢ
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018ˢ , # ˢ ˢ 04ˢ 5 1560 1.ˢ 3+ 43+. -ˢ .9 6.6+ 18ˢ .+6ˢ 50,+* . -ˢ *ˢ 71,ˢ 70" + -ˢ ,1"ˢ
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.**ˁ 3+.4 .*60 -ˁ 51 6 1*0ˁ 5 "ˁ 3+.ˁ 50* 1*0 -ˁ +*4ˁ 41 - * 8ˁ 0.*40 *ˁ 3+. 6ˁ 0/ˁ
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5 15,ˁ *, 04 2 "0ˁ "+, -ˁ 6 2ˁ 51"" ,0*6+ ˁ . -ˁ 7+<+ h614ˁ ,1* :0*6 1*08ˁ *ˁ 5^ˁ
, 0 -ˁ +6ˁ 9 .6 . -ˁ - 0 0 6+ ˁ 6ˁ 2*9 +8ˁ 5 1 5R 0*6 2+8ˁ +dˁ 4,6 - 0761 .0ˁ .,ˁ *1/ .0ˁ
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& , "(-ˁ "" 8 402,.8ˁ 6+.0 0 6ˁ 5 +40*6 .0ˁ .,ˁ 20* 9* 6.6 8ˁ ,1* 40 . 0ˁ $1 6ˁ 5.,0 - ˁ
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?.9 18ˁ ,1R 0ˁ " ,0 06ˁ (ˁ 0.ˁ 50ˁ +3:1ˁ + 00561ˁ 20""1ˁ 0/, 4.*6ˁ 3+ 4ˁ - 0 18ˁ 71B
- *08ˁ .* - 1ˁ .9 6.6+ 18ˁ 5+6.8ˁ ˁ 6 1,ˁ 06R -ˁ 6 2ˁ 50 50*40*4+ -ˁ 0 6ˁ 3+. -ˁ 9 .:ˁ
., 0ˁ + 90. 8ˁ +"6+ -ˁ E0 - .* (ˁ 03+ 6 2+8ˁ 3+ ˁ 6 2ˁ 20"" 8ˁ +"6 - 8ˁ - " 6.* *6ˁ
- +"6+ -ˁ A1. * * ˁ . - 2ˁ 40208ˁ +,0*6 08ˁ ,0*60*.ˁ * ") .ˁ " 2 . - -ˁ 0":06 ˁ .63ˁ
0ˁ 051 0+*6ˁ *90*6 08ˁ ,0*60*.ˁ ˁ $ 160 6.*608ˁ E0 - .* 8ˁ + 8ˁ 4020*6ˁ 5 1ˁ 3+ ˁ
2+8ˁ 52* 1ˁ *60 :0* 6ˁ G+.0ˁ ˁ 1 - *08ˁ + 6. - .0ˁ ,3"" 9.*6+ ˁ .4ˁ 3+.4 *90*6 0(ˁ
,0*60*.ˁ - "" .ˁ .+ 01 + -ˁ 0/,+ +*6ˁ 440ˁ 1*0 .ˁ 09* ˁ 3+ 2+8ˁ +" *0*4 8ˁ : /ˁ
1 4 *. .ˁ :0 4 9." .ˁ + " , +*6ˁ (04ˁ E."" .ˁ 6+.ˁ *12 " 6.60ˁ 06ˁ 20"" ,1A 68ˁ 1 - * 2+8ˁ
106.ˁ 6.*3+. -ˁ "+50 61ˁ .*9+ *0ˁ .2+*4.6ˁ 3+ ˁ * ""ˁ 60 - 50 6 :.ˁ 04 1*0ˁ I- 66.6+ ˁ
*06+8ˁ 0 6ˁ *0ˁ 616 +8ˁ ,1 51 8ˁ :."06+41ˁ 506 ,) 606+ ˁ 71,ˁ 0 6ˁ .ˁ 20"" 8ˁ , : " 2+8ˁ + 8ˁ
09*+ -ˁ 0 606+ ˁ 63+ ˁ 40ˁ 6.*61ˁ * ˁ ,+ˁ 60ˁ 0+8ˁ 5 .0 0, 6ˁ 121 0ˁ 9 .6 . 6ˁ
01ˁ .90 0ˁ 40208ˁ ""+43+0ˁ ˁ" ,ˁ 4 G<0* . ,ˁ +6ˁ *1*ˁ 62ˁ 5 6ˁ *1/ + -ˁ " 6ˁ 6+.03+0ˁ
, .0ˁ 4+,0 0ˁ +6ˁ 05*6+ - .,0(ˁ .* - ˁ 06ˁ),0*6 .0ˁ . " 06ˁ - 6ˁ "09+ -ˁ @+91ˁ 3+." ˁ .0* ˁ
.4ˁ 12"03+ + - ˁ .,ˁ 4 , 5" *. -ˁ "04.*6. \+6ˁ ,+ -ˁ 15+8ˁ 0 6ˁ ,18ˁ .4ˁ - 50 .6.ˁ . ˁ
, 0*4.ˁ 5. .618ˁ 7.20.8ˁ ." 13 ˁ - 0" +8ˁ *ˁ 20""1ˁ 3+. - *ˁ 5.,0ˁ +18ˁ 090 0ˁ *1*ˁ
1"+ -ˁ .2 + 4+ - ˁ 04ˁ 26 . -ˁ 5 *, 5ˁ 5 12 1 + -ˁ 0 "06ˁ) "6" - + -ˁ 0 6ˁ 06ˁ 5160*6 " ˁ
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JACOBI AUGUSTI THUANI
HISTORIARUM SUI TEMPORIS
LIBER QUINQUAGESIMUS SECUNDUS.

EPITOME.

COLINIUS fruſtra ab amicis monitus Caſtellione ad Lupam, quo excurrerat, invitatus in aulam venit, appetente nuptiarum die. De pace publica edictum. II. *Nuptiae celebratae, pompae, haſtiludia.* III. *Legio praetorianorum ex Colinii conſenſu in urbem a rege introducta.* IV. *De caede Colinii deliberatio:* V. *A Maurevellio ſcloppeti ictu e Lupara exiens petitur. Delegati a ſenatu, qui de facto inquirerent.* VI. *Inde de caede univerſorum Proteſtantium conſultatum, quae et tandem decreta eſt.* VII. *Colinii, Rupifulcaudii, Telinii, Renelii marchionis, Guerchii, Baudinei, Pluvialii, Pontii Armoricae reguli, Lavardini, Forcei, Loverii, Montamarii, Montalberti, Cugnerii, Francurii, Grolotii, Pardallanii, Jo. Placii, Villamorii, Sammartini, Bellovarii, P. Salſedae, aliorum caedes.* VIII. *Item P. Ramus immaniter interfectus; et Dionyſii Lambini ex eo pavore ſecuta mors. Politicorum nominis origo.* IX. *Variae per literas regias facti excuſationes.* X. *Oxyacantha Lutetiae refloreſcit; et inde furenti plebi laetum ex caedibus augurium.* XI. *Rex tandem conſultatione habita in ſenatum venit, et facti invidiam in ſe recipit.* XII. *Meldis idem factitatum, Aureliani, Andegavi, Auguſtobonae Tricaſſium, Avarici Biturigum, Lugduni, aliquanto poſt Toloſae et Rotomagi.* XIII. *Colinii ſcrinia excuſſa; et in iis repertus commentarius, qui reginae pudorem pulſavit.*

EX AUCTORIBUS,
Lad. Vicino P. P. Joanne Serrano, archivis curiae Pariſienſis, Chriſtophori Thuani adverſariis.

LIBER QUINQUAGESIMUS SECUNDUS.

APPETENTE nuptiarum die, qui ad xv Kal. Septembreis dictus erat, rex [a] Colinium, ut Lutetiam veniret, per literas ſolicitat; dato prius negotio Claudio [b] Marcello mercatorum praefecto, videret, ne quid turbarum in Colinii adventu Lutetiae ſuboriretur; promulgato item diplomate III Non. Quintil. cum ad caſtrum [c] Boniae eſſet altero ab urbe lapide, quo prohibebatur, ne qui, cujuſcunque conditionis eſſent, praeteritorum memoriam renovare, novis rixis cauſam praebere, ſcloppetos geſtare, cum quoquam in certamen venire, ac ne gladios ſtringere, praecipue

CIↃIↃLXXII.
CAROLUS IX.

INTERPR. [a] *l'amiral de Coligny.* [b] *Marcel, prevoſt des marchands.* [c] *château de Madrid au bois de Boulogne.*

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.,+ 6.8ˢ 4. 06+ ˢ *. - ˢ 7.20 ˢ 3+.04. - ˢ .4ˢ 5 + - ˢ .,ˢ 09*ˢ ."+60 - ˢ 06ˢ 4 9* 6.60 -
50 6 *0*6 . ˢ 3+.0ˢ ,0 61ˢ , 1ˢ *0 - 1ˢ :0 6 + - ˢ .+40 06ˢ .4ˢ " + - ˢ 40 0 0ˢ %+ *
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& ˢ ˢ ˢ ˢ ˢ %ˢ ?ˢ .:.*ˢ 06ˢ 1*4.0ˢ *7" - +".60.9ˢ, 040*6 + - ˢ .* - ˢ 8 $ˢ ˢ 1
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5. 0*60' 6+1' - +"6 8' .,' 50 - .9* 8' 71*1 2+8' ,+ - +".6 8' - ' 3+18' - .<0 6.8' 6+. - 7 '
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$1 6 4 0 7.2 6. 3+.0 6 1 40 5+0 1 ,+ 1 0 *1: 8 60 6 2+8 5 14+4 8 ,+ *60 + 6
1" +8 . : .9 +8 6, 0* - 506 0 .6 1" * +8 06 2 - *R .4F 4 " 90*60 - 0
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, ,+ - 51*0 0*6 +6 6 3 - 5"028 6+ 2. 06 09 5 .0 64 0:0 0*6 . ,10 ,0 51
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"04 2+8 4 :0 . 06 6+ 06.61 2+8 ,6 - 50 66+6* +6 ,1* - 71 5 6 . 40" 9*.
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.*1 0/ . 6.*6 2+8 8 0 .6 +,7.;.* 8 .<.*,+ +8 09 *.0 5 . - ". 8 3+ 6 40
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& 8 6+*, +"6 - 1 ,1* +"646+ 40 0 0/03+0*4.0 .6 1*0 40 .*65 .06,
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. 40 3+0 ,1* " 1 - 51 6. 2 +6 1" * 06 5 160 6. 6 . - ,+*416+ - 50 66
50*4+"+ - 09 +* :0 13+0 09*1 - 50*40*8 4 6,+6 *14 51 6 3+ 4 ,* - *T 6
.4+ + - 0+ - *6096. 50 4+0) + - .4 1+, 51"" 6.*6. - *<+ . - 3+ *+"". ,
.,0 6+8 09 *<+ 1 +8 0 13+ 406 - 0*61 +8 6. - 4 + 0/ 6 60 6 N 3+ - + 06 4
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20 0 . 85R2" 7.20*.8 *0, 3 :1"+*6.6 36 - 440 . ,1* " . 0/ 6+* 7. , ,
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6. 6+ + - *1* 0 J06 - +"61 - .<1 0 ".9 .6+ + - 5X *,05. - ./ -)8 .*9+ *0
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2 - -' 06 ,.0' :0 * ',1 <+5 8' 1 1 0-' 4+/0 .6' "6 1' G 0 0*6 8' 60*+ 6'
+6' 0' 5. ,0 06+6 ' -3+0' ,+6" .:. +8' *66-061' 01 - - [3+' .4' ,.040-' 40 9*.6'
, .*6' 0/ -0 T 6+6 ' *40' 4 9 0" # X 4 *+8 ' *91" -0* 8 ' *167+8' 4+-' ,. +'
0 '+ 20-?:07- 6+ - -1 0-' 5. 9',+ .*6'' 3+. ' 0/' 1-1 .*6 +-' 0:1,. 06 '
,6' ,+-' 40"0 61' 03+ 6.6+' R ' + 20-' *6 1e54+ +8' 0"%06'' .56+8' 06' 0 40-' 71 .'
3+ 4. -0/' 6.040' / 50 3-' 0' 0' E+ ' 41-0 6 , 8' 0 "0' .602.6+ ' G+.' 0< :'
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.40+*6' ,6I 0' * - ,1 +-' 9 .6 .' 155 -' 3+0 +*"+'' ,."+-* 8' 40 0 5. 85.60 0'
<+4 ,+ 3 0 8' \ 03+0' 3+. .: 8' * 1*60 8' -.* 0 61' 5 0 6 ' <. -5 40-'.* -.4:0 6""%0'
0 *' 4 08' - *+8' 3+.' 40' 6.+ .' *0 , .*6 09' 9 .628' < 4' 6. -0*' 4 "A -+"." 0' .,'
50 . "0' ='60-5+8' 256 -+8' :0 ' * .9 60' ,+ + 6. *40-' ,0 6 +84, /0' T -*' 041&
, 0 06' 04' ,+-' / +""+-' +.0' **1,0*6 . 0' "1,+-' 0 6+-' : 40.*6' .09 0' 06,1.418'
50"0 0' +6' 2 ,6- ' 21*.' <+8' 96.6". 41- +-' .2 0' " ,0.6' 4' 5. . -? 0I+-' 06'
" 16.6.*6 090-' .4' 0.' +2 9 40' 0 51*4 0' 3+1' - .9 8' $ 160 6.*608' 2 ?50 +. #
L40 0*6' 5" -' ." 0*d' .' E+ . 8 ?.* -1' 0 0' (0,+*4+-' 7.0,' 0/' .:. +-'
Z*06' *0' E+ .*1 . -'.+4., .,' .,' : R*6 .0' * ."0 , ' 1,0. 1*08' 5 .020.*6+ '
02+8' .401'. (". - - .6 8' 06' 5"020' *' E+ .*1 +-' 5. 608' 5 556*40*60'' +6' 3+18' '
41-0 6 0 8' 4 -18' *1 06 ' N6 +5. . -' :0* 0' <+20.6< ' .4' < 6.' 5 .0 61' +6+ 18'
3+14' 06' *' 21*. -' 5+60-' 5<0 5 06.6+8 .:. +8' 0, 6' .,,0 6 8' -.*+' 5 1-56 8 '
3+' 0,+)' *' +54 .0' . ,0' 50-1 6. 0. 6' 56+40*6 2+8' 06 . -' ,+-' ,A2 0 :.6+-'
406' 71- *08' . -.618' 5. -' 50 ' + 20-' ., e ,+-' . ,0-' +5. . -' :1" 6. ,<
5"020-' , -0 0 ' - *.8' +2 3+0' 0/ +4 ' 0/' 013+0' 6+ + -' -16+ .' 5 .0 .9 0*6 '
"0 E 1" 7 1' ,*+*, .6. ' "0 ' 3+' ' 09 8&1"+*6.60' *. * -04+2 6. 06' 04' 0.8' E+ ?
.*1 +-' .4' 515+"+-' * ". - - .*4+-' . 608' 0 "0' 5+6. 0 ' <*"66 6'' 3+ ' 509' 1 '
*1- *0 4' " 9* ,. 06' E+' 0/' 0 52*4 6 ' * 7 "0 "0',+ ' 5" * +8' -06+0 06' 7.0,'
0* -' +1' 0 ' ' ,1-51*0 418' 5"02 8' .' E+ .* 9' *, 6.6.0' -1 - 8' 5 1 *40'
0,+ 1' 9 +1' 0 0' 4020 0' +*, .6+-' ' 0.40-' 71 .%0" * 1 ' 2 <+"18' : 18' . -H
a* ""18' 3 '". 5. . -' %* 14+,0 0+6+ " 3+' 06' *+*, +-',1*60-5 6' ,6' *1*' *0'
,0 ". .8' 3+.0 ' + 5 , 4*08' ." 0*1' 06' "+ 6+1 1' 60-51 0' 0 51*4 6' ' :06+ 63+, ' *0'
4 1" + 1' 9* ,. 06+ ;' , /' - -1 + .' .63+0' ?.405' 50 ,+"1 . -' ,1*60-56H * '
6 50 6 :. -' 5 +40*6 .0' .,' - , 0 .6 1* 9' ".+40-' . 04.*8' ,/0+ .*"3+0' 3+. ' 0.'
. -.' +4 , ' ,+<+ 4. -' 0. 60""' *' +5. .' 0/6 .4 ' 06' 155+9*.*4' ,.+ .' +*51 6. '
0*- ' 1/' E+ +8' ,+ 0' / /03+0 .0' + - -6 .' -50 + -',1- . "%+-' 0 .6''
:1,.6 8' 5 1 +*4.' <. - *140' 0":06 3 + -' 3+ *3+0 5.9 ,1 . -' ." 3+16' 4+41 2+8'
,6' E.""<,. +-',17 6 +-' 352+*.8' 3+ 4' 09 8' :1"+*6.6 8' .5 6' ,* "%0' 71 . -?
3+.' 09 8' - .*4.6.' 40' *: 1' 01' 06' 71- * 2+8' ,.5 62' .63+,' .401' 616.' 50 4+0"" + -'
. 1*,' 510*.0' + -0 0*6+' < 60*06' 0 . -',. " 2+8' 06 6. -' < 150 -*' 4.*4. -'
, 0 *04.2.6+ ' *0' 9 6+ 1,,. 1*' 6.* 1551 6+*.0' 9"1 1 " - ' 40' 09* 71 6 2+8'
6 + -57' 051 6.*4' 400 "0*6' 3+.*6+-' *1 ' +50 1 2+8' 20" 8' 1- * 2+8' + 3' 616'
/09 -66-' 9+ *0' ,51 6. 0*6' : 41 . -' *' ., "' 0"0' 06' 15 - .' 51" .' X+151* '
3+.0',6 .' .*9+ *4*' 0' 6#0*0' 90 6.05 .0* .',1* 03+' 51 "0*6' (0,+*4+-' 7.0,'
0":07 ', ,.' "+5. . -' G""1,.*6+'' 3+ 238' .4<+*9+*6+' 3+(04. - E. "4 + - ,1 '
71 608' .44 61' -.*4.60' 4. 0*6' 150 . -' *0' 3+ 8' 0/' .:. ' 06' 1*4.0' . - " .' + '
5. .' 09 040 06+ ' ' 1 0* 1',1-* " .' .04+-' 1" * "',+ 614 .' R"15506. 3 Z*

L' - .+*

L 0 ' " ' ' 2 ' ' ') 23" 2 ?] ! #" 2 ' I ?

ˁ - . * +ˁ *ˁ ; , * 8ˁ .04 2+8ˁ 0/ ,+2. *6 + - ˁ 0ˁ .66 2+6. ˁ *0ˁ 3+ 8ˁ *40ˁ U 5 1 +90 0
ˁ ˁ 02+8 6.ˁ ,+ - ˁ - " 6,ˁ 0/60 *1ˁ ,1 - 51 6 8ˁ E+ +8ˁ A1. * *0 - ?ˁ? 7. 1* + - ˁ :0 6ˁ
9. " +6*ˁ ,+ .0ˁ 5 .0 40 - ˁ 3+ ˁ *+50" ˁ 51 6ˁ 4 +6 "" - 0ˁ 5 0* .6+ - " + - ˁ - .9 6 .6+ ˁ $ˁ
0<+8ˁ 05+" . - ˁ .05 +8ˁ 5. ")8ˁ 6. *40 - ˁ *ˁ "1 ,+ - ˁ ˁ . ,0"" ˁ X#< .0 04+8ˁ - 0 ! .65 + ˁ ˁ
+0 .6ˁ , 0. - 8ˁ .4ˁ 0ˁ :1 , .6ˁ - . *4 .63+0ˁ 40,+ 1* 2+8ˁ 9* E0 ˁ +6ˁ +18ˁ * . - Dˁ
0 "0ˁ <+20. *6ˁ 5 ˁ ;0 1 .4ˁ , .040 8ˁ + 2. * .8ˁ - 04 .ˁ *140ˁ .4 *6ˁ +6ˁ 3+ 4ˁ 15+8ˁ .41ˁ
6ˁ *60"" 9. *6ˁ . ,0""1ˁ 40 - ˁ - . *4 .6+ - ˁ 3+ ˁ 3+ . *3+ . - ˁ - .9 6 . - ˁ + *4+<ˁ
12ˁ 1 , ,+"6. 1 , .ˁ 09 * .0ˁ 9 .6+8ˁ 06 . *< .+41 6 .60 - ˁ 51 6ˁ 0<0 .6. - ˁ 4 9* 6 .60 - ˁ <ˁ
6 *+0 .6ˁ 8ˁ +5. . - ˁ .05 +8ˁ 6. *4 *ˁ 15 * 1*0 - 9 .6 .0ˁ .5+4ˁ 090 - ˁ 06 09 * . ˁ
,1*6 .4 .0ˁ ;0*0 .6ˁ 12ˁ 43+0ˁ 5"02ˁ . , ,056+8ˁ 0 .6ˁ 0/ˁ 0<+ 3+0ˁ 1 0ˁ 5"028ˁ 50ˁ
,1* , 6.6.ˁ ,0 6 1ˁ 6ˁ 09 8ˁ :4"+*6.6 - ˁ 0 "0ˁ +6 4+*4 8ˁ .4ˁ E2" * + - 06 ." 18 50ˁ
4+0""0 8ˁ 0/ , *40*418ˁ . - 1 . - ˁ 5160 6.8ˁ .6ˁ 9 6+ ˁ 04+"1ˁ : 40. *6 ?+6ˁ *0 - * ˁ
5. , .6+ ˁ *0,ˁ +"" 2ˁ - 5 ˁ 71 - *08ˁ ,0"0*6+ ˁ ,ˁ ;0"R ˁ X,ˁ <+20 0ˁ 090* ˁ 3+ ˁ 6ˁ
5 1: + + ˁ 6ˁ +6ˁ ,060 .0ˁ 09* ˁ + 208ˁ $. 0* + - ˁ 0/0 - 5"+ - ˁ 6.6 - ˁ 03+ . *6+ #ˁ
- 506+8ˁ . , 0*4 ˁ " 9*+ - ˁ 71 1"19 ˁ $. ".6 * ˁ 6 *6 * * .2+"+ - ˁ .05 +8ˁ 5+" .6+ - ˁ <ˁ * ˁ
9* .ˁ :061 ˁ 3+1ˁ .2ˁ ." 8ˁ *60 *1 , ˁ 51 *6< ˁ " *601"+ - ˁ ."2+ * ˁ *ˁ 5 6 1ˁ 2 .46 1ˁ
."" 9 .6+ - ˁ 06ˁ , +,0 - ˁ ."2. - ˁ 5 "0 8ˁ 5 .0 / . - ˁ 1 0ˁ . - 8ˁ 9 6+ ˁ . * - "3+0ˁ 0ˁ
3+0*608ˁ .4 *6ˁ ,+ 0*63+0ˁ +6ˁ , 02 .0ˁ . ,08ˁ 50ˁ 41 - + + - ˁ *0 6 .8ˁ . , ,0 4. *6+ Uˁ
*0ˁ 3+ .ˁ 50 6+ 2.6 1ˁ 1 .6+ ˁ .+6ˁ 6+ - +"6+8ˁ (*60ˁ 4.6+ - ˁ 9*+ - .6ˁ $ 1* 8ˁ .+ 2+8ˁ
. , ,056.ˁ . ,0"" ˁ - 50 .ˁ ,6ˁ - 1* 6.ˁ .ˁ 40,+ 1* 2+8ˁ D 09 1*+ - ˁ 5 .0 04 8ˁ ,0*6+ ˁ
1* 2+8ˁ . ,ˁ 40, . * 8ˁ + 2. * 8ˁ ˁ 06ˁ + - - 1ˁ 3+ . *6+ - ˁ 0 + - ˁ +2 6. + - ˁ ".6+8ˁ 5. 0ˁ
2.6+ ˁ "0*6 1ˁ 0ˁ 0/504 + *6ˁ 4 51 6 8ˁ 50ˁ 5".60.8ˁ 3Xˁ ,1 - 5 6. ˁ 04ˁ *6 .ˁ 41 - 18ˁ
* 6 1ˁ ".6 1* 2+8ˁ :06 .ˁ 5 60ˁ E+ +8ˁ U6ˁ *91" - 0* 8ˁ + - - .ˁ 1 - * .ˁ . , 0ˁ
2. *6ˁ +6ˁ 08ˁ 0/ˁ ,1 - 51 61ˁ ,1* ,0 0*6+ ˁ 09 * .ˁ - 04 .ˁ <. - ˁ *140ˁ ;0 6.ˁ *0 0/ˁ
3660 - ˁ .4ˁ . , *1 8ˁ 96 1, 6.60 - ˁ .47+,ˁ "+4+ . *60 - ˁ . ,ˁ *+6. *60 - ˁ 2ˁ . * - .4 ;0 60 0ˁ
; 402 .6+ ˁ - +6. 06ˁ *ˁ 0<+8ˁ ,+2 ,+"+ - ˁ 40 ,0*4 6ˁ <ˁ 3+1ˁ 06ˁ ,1*6 *+1ˁ ˁ *4 5 +8ˁ
" ;0 * +8ˁ .9+8ˁ %. ; . * +8ˁ .40 . *+8ˁ 0/ˁ ,1 - 5 .41ˁ 06ˁ <51 6ˁ 018ˁ E+ +8ˁ :0ˁ
*0 + *6ˁ 2ˁ 7 .0 6. *60 - ˁ 090 - ˁ 51 6ˁ "1*9+ *ˁ +"6 1ˁ , 6 13+0ˁ 7. . 6+ - ˁ ,1""13+ + - ˁ
.ˁ - .660ˁ *, 05 6+ - ˁ 6*, *1 . *6ˁ 3+ ˁ 6. *ˁ 5+",7 . - ˁ 3ˁ 01ˁ 12A76. - ˁ 4020"". *41 + - ˁ
5". *0ˁ 71 6 + - ˁ 2, , . 1*0 - ˁ ,+ *4 .6 1*,ˁ W".2ˁ 2ˁ *0 06 ˁ G$Dˁ 0 - 1*0ˁ 3+ ."ˁ
9* . ; .0ˁ * - +".6+ - ˁ 0ˁ 0*6 06ˁ , 1, ˁ . * - 1ˁ 5 *5058 ˁ ,6ˁ *40*41ˁ . *95 * ˁ
. " 06+8ˁ * ". - - . + ˁ 06ˁ 0 - ˁ 0/03+0*4. - ˁ - 50 .6ˁ 9 6+ ˁ 09 * .ˁ 0<+8ˁ - 506+ 5ˁ
*0 8 *1 .ˁ 0". *9+0 ,0 06ˁ . 5 0*8ˁ " 9*+ - ˁ 3+14ˁ 71 .ˁ . *60"+, . * .ˁ 4. *4+ - ˁ 0 .6ˁ
- .6+ . ˁ <+206ˁ 06ˁ 0/ˁ 5 15 - 3+ 1 ˁ (ˁ (. *90 - . * ˁ *6 "" 141 0* 8ˁ 60 - 5"1ˁ 6 *6" ?ˁ
* .2+"+ - ˁ 5+" . ˁLˁ ˁ ˁ ?ˁ ˁ Lˁ ˁ ˁ \
ˁ & ˁ $? - "R08ˁ 50 ; .84 "55" 6ˁ 3+ ."ˁ *ˁ . , 0 6.2. *6ˁ " 9*+ - . 04 8ˁ
.+ 2+8ˁ 06ˁ - 8ˁ *ˁ . - 8ˁ 0/504. *608ˁ 3+1 + - ˁ .91 1ˁ 06 * 1" 61ˁ 6. *ˁ ." 3*1ˁ
60 - 51 0ˁ 6 ,5 6+ˁ 0/50 64 ˁ $ 160 6. *608ˁ 3+ ˁ 50ˁ 71 5 6 .ˁ ; , * .ˁ <+ "" ˁ 09 8ˁ 4 ;0 ˁ
.2. *6+ ˁ 5040 - ˁ 41 - 1ˁ 0 0 + *6ˁ 06ˁ +5. . - ˁ 3+1ˁ ,1*,+ +8ˁ 02.6ˁ 60*4+*6ˁ ˁ 06ˁ
.2ˁ 12; 8ˁ 50 ,5*4.6 ˁ 3+1 + - ˁ 616ˁ . * .61 - 6ˁ ,1*,+ +8ˁ 06ˁ . ,08ˁ +2 3+0ˁ . , ,0* .0ˁ
50 6 *0 0*6ˁ "" ˁ 6.ˁ . 6 +4ˁ 0 51*40*6ˁ <5. . ˁ "+4 , + - ˁ ,0 6. - 0* ˁ 0 - +"61Xˁ .4ˁ
504. ,+"+ - ˁ +*4 3+0ˁ . , ,+ 9 0ˁ + ˁ * 7""1 - *+8ˁ +"6 .ˁ 50 90 0*6ˁ .ˁ ".6 1* . 8ˁ
3+ ˁ 5 15 +8ˁ . ,0 - ˁ 0 . *6ˁ 4*<+ 1 0ˁ 050""+*6+ ˁ 40 *ˁ 06 . - ˁ ,1*: 6 8ˁ ". ,0"" 6 ˁ
51 6 0 - 1ˁ 5+" . *6+ ˁ .ˁ &. ,1*0ˁ 3+14. - ˁ .41ˁ * 6 1ˁ 4+3+6ˁ + * ˁ 0/ˁ)8ˁ * " 41ˁ
,060 ˁ * 6+ 2.618ˁ + + *6ˁ G+1ˁ *60) 041ˁ 09 * .ˁ 5 - * 8ˁ - 1 .0ˁ - 5.6 0*6ˁ *40ˁ
ˁ , .56.

?L % ˁ ?ˁ 0".20 06+ ˁ 8$ $ˁ $ 5ˁ 5 ˁ
L ˁ% ˁ$ ˁ r+ˁ ˁ ˁ ˁ $ˁ ˁ ˁ - 5 ˁ 1 ˁ - ˁ , ˁ ' ˁ 2
ˁ1 ˁ ˁ 5ˁ 1 ˁ ˁ5 ˁ ˁ3 ˁ ˁ ˁ E 25 ˁ ˁ ˁ ˁ $ ˁ ˁ
?ˁ ˁ 1 ˁ ˁ9 *$ (ˁ6ˁ , 5 ˁ ˁ 1 ˁ ˁ6ˁ5 ˁ ˁ Eˁ , ?2ˁ , ˁ ˁ ˁ ' 3 ˁ4
ˁ) $1 ˁ (@

,.56.ˢ1,,. 1*0ˢ 090-ˢ -1*06ˢ ,1 6*0 ˢ - "60-ˢ<.-ˢ *1*ˢ51 "0< -.6+ 0ˢ 9*+-ˢ ˢ
4. ˢ *ˢ. ,0ˢ -50 06ˢ *.-ˢ:0 0*4+*ˢ0 "0ˢ ˢ -1 .ˢ"1*9 1 ˢ *60 51*.6+ ˢ *,ˢ1-*.ˢ ˢ ˢ
,1* +0ˢ.,ˢ5 .060 ˢ,<+8ˢ:1"+*6.60-ˢ.,, 4.*6ˢ ˢ 6.3+0ˢ0<+8ˢ<+ " ˢ5+" . + #(.*90 -.*ˢ
60-5"ˢ 6*6**.2+"+- ˢ .*60ˢ 4 "+,+"+-ˢ /ˢS."ˢ (056ˢ 3+ˢ 408ˢ ˢ . 671"1-.01ˢ
4<4+8ˢ0 6 ˢ06ˢ *ˢ 1- *,.-ˢ *, 402.6ˢ 06 6.6 -ˢE+ +8ˢ,+-ˢ ˢ *91" -0* 6ˢ06ˢ
+-."1ˢ.4ˢ 1)* ˢ.0408ˢ60*4+*6ˢ +2ˢ,ˢ 1 0* +8ˢ0/,+2.2.6ˢ *60 ˢ7.0,ˢ0/,B
6.*68ˢ 1" * +8ˢ,+-ˢ0/ˢ 6 05 6+ˢ 04 6 1*0-ˢ121 6.-ˢ *60"" 9 06ˢ6.-0*ˢ40ˢ09 09.
V% 9<8ˢ:1"+*6.6,ˢ 0,+ +8ˢ.,ˢ5".*0ˢ,0 6+8ˢ" :0ˢ.ˢ, 04+"6.60ˢ5 15 .ˢ :0ˢ.ˢ%0" * 1ˢ
90*0 1ˢ 6.ˢ50 +. +8ˢ 0ˢ0/ 6 -.2.6ˢ 5"020-?ˢ ˢE+ .*8ˢ,1- -16.-ˢ0 "0ˢ 3+.0ˢ
6.-0*ˢ +2ˢ5 .061 .*18ˢ *ˢ +ˢ.,ˢ +1 +-ˢ40 0* 1*0-ˢ4+,0ˢ 1 0* 1ˢ4 51 628ˢ
+6ˢ 02.6+ ˢI,1*"50/"%06ˢ5 16*+8ˢ 4".5+.ˢ0 "06ˢ 02 0 00*60ˢ 6.-0*ˢ6+-+"6+?ˢ
,+-ˢ<.-ˢ *ˢ. 0.ˢ.04+-ˢ ,"15506ˢ4 5"1 ˢ 6+-ˢ 0* "06ˢ6.*40-ˢ 4ˢ 3+14ˢ0 .6ˢ
04ˢ 0 +8ˢ,1*<04".*8ˢ"041ˢ + 9 6ˢ 06ˢ:0 60ˢ*14+ *.ˢ +-56.ˢ *ˢ50408ˢ.4ˢ5 0,08ˢ
.,0*4.8ˢ0 9 6+ ˢ5. 06ˢ ** ,+8ˢ ˢ .21*+8ˢ,".:0 8ˢ .04 +*ˢ. "0 :.2.6ˢ 3+ ˢ.ˢ
1 0* 1ˢ<+ +8ˢ*1- *0ˢ 09 8ˢ<.*+.-ˢ.50 0ˢ * 7 "ˢ +"5,.6+8ˢ,1* 0 6 -ˢ.50 +6
1/ˢ 1 0* 1ˢ *9 0 1ˢ .21*+8ˢ12: +8ˢ5+9 1*+-ˢ 4 2+8ˢ,1* 04+8ˢ G+1ˢ: 1ˢ
0":06 ˢ 3+ˢ *ˢ. 0.ˢ, .*6ˢ *ˢ.040 8ˢ,1* +9 +*6ˢ06ˢ5 1/ -.-ˢ.04 +-ˢ<.*+.-ˢ
0ˢ .44+4.-ˢ. 0<8ˢ06ˢ -0* 8ˢ"9*0 8ˢ.,ˢ.".ˢ +550""04 "0ˢ,1*90 6.ˢ -.*6ˢ0/ˢ
4:06 8ˢ+*1ˢ 6.*6+-ˢ *ˢ ""1ˢ5 -0ˢ,1* "4+ˢ ,"15506ˢ.ˢ 1 0* .*8ˢ4 5"1 ˢ 4+ˢ
1,, 1ˢ %.*40-ˢ 0 *9 6+ˢ<.*+.ˢ06ˢ *ˢ ,.".8ˢ,1*<+ .6ˢ 0* 6+*6+ ˢ "ˢ0 .*6ˢ
1 0* +8ˢ ˢ 6 * +8ˢfˢ 1 21 .*+8ˢ . 4"".,+8ˢ (. ".21" +8ˢ5 -. ˢ "09 1*+-ˢ
5 .0 04 ˢ ,7 ""08ˢ9ˢ$06 +,0<+8ˢ (0*0* 8ˢ"1 ,.6ˢ 1-*08ˢ06ˢ2ˢ 0- +8ˢ E0 -.*)8ˢ
*ˢE+ ˢ .- ".ˢ.ˢ5+0 1ˢ,4+,.6+8ˢ A8".-ˢE+ +8ˢ,+-ˢ,060 8ˢ5 1,0 2+8ˢ06ˢ." 8ˢ
ˢ. 0.ˢ 0-. 0 .6ˢ *ˢ01ˢ 6 05 6+ˢ 1" * +8ˢ51 6ˢ5 0,08ˢ5 .00+*60# 0 " *1ˢ5. 61 ,ˢ
.6.8ˢ .4ˢ. 6.*60 8ˢ 3+ˢ 0 0ˢ,7 + 9ˢ0 .*6ˢ06ˢ5.+,ˢ0/ˢ +1ˢ,1- 6.6+ˢ ,1*:0 +8ˢ
7 ",1 60 *.61ˢ:+"6+ˢ& 401ˢ *3+ 6ˢ3 04ˢ.9.6+ˢ" .4ˢ -1 60-ˢ3+.-ˢ*+*3+.-ˢ
0/5.: ˢ 06ˢ3+.-ˢ< -5 40-ˢ.* -1ˢ5 .0,05 ˢ5.6 0*60ˢ +20+*4.-ˢ5. .6+8ˢ +
0",0-ˢ -0ˢ3 -0ˢ-1 ˢ 0*6.-ˢ06ˢ *ˢ 01ˢ,+<+8ˢ9 .6.ˢ *ˢ50-ˢ: 6.0ˢ.060 *.0ˢ
4 91 ˢ %1 6+ +8ˢ +-0ˢA.-ˢ7+-.*8ˢ5 .0 4 8ˢ.-5" +8ˢ "6 "0901ˢ &18ˢ.- ,ˢ
3+.-ˢ, 6 "" -0ˢ 7 *,ˢ .,0" 60ˢ *,ˢ -0.ˢ ,.".- 6.60ˢ *:1":.- * ˢ:0 6 .03+0ˢ1" .ˢ
+/1 08ˢ - 7 ˢ -1 6+1ˢ -."0ˢ,1-5 0,0*6+ ˢ3+. ˢ0/ 6 ˢ:0 6 ˢ,.+.ˢ0/6 60 -ˢ 0ˢ
5 .0 0*6.ˢ ,+<+8ˢ21* 6.6ˢ.* -.-ˢ7.*,ˢ -1/ˢ0ˢ,1 51 0ˢ 0:1".X5 .-ˢ,1- -0*41ˢ
-7ˢ.2+*40ˢ0 6ˢ G+ 2+8ˢ4 4 8ˢ ""ˢ *ˢ +50 +8ˢ,1*,".:0ˢ06ˢ *40ˢ50ˢ6,9+".8ˢ< +,ˢ
""+,ˢ4 :0 ˢ.20+*6ˢ 1*<+ .6ˢ *60ˢ7.0,ˢ 0 .4 8ˢ,1*,".: 8ˢ 1 2+8ˢ +-5 *6 ˢ
06ˢ,+-ˢ 0- +8ˢ 6 41ˢ9".4 1?.ˢ 1" * 1ˢ51*6ˢ1 08ˢ 6.*60ˢ%+*0ˢ 1" * +8ˢ08ˢ
3+.0 0 06ˢ ˢ ""0ˢ -50 60 61ˢ:+"6+ˢ 91ˢ:061ˢ + ˢ 0 51*4 6ˢ ˢ6+ˢ:061ˢ<+:0* 8ˢ
,.*18ˢ -018ˢ 0:0 0 0ˢ3+",3+ 4ˢ 0,0 8ˢ: 6.-ˢ -0.-ˢ* 7"1ˢ2 0: 1 0-ˢ0 ,08
,0*6ˢ 0- +8ˢ9".4 +-ˢ *ˢ504+8ˢ *61 3+06ˢ06ˢ 06 .45-ˢ 4+ˢ6 .* ;0 1ˢ *ˢ18ˢ
.4 9 6ˢ 3+1ˢ " +-ˢ5".*0ˢ40 1 -.: 6ˢ6+ *ˢ0506 6 8ˢ 4 2+8ˢ""0ˢ0/.* * 8ˢ,.4 6ˢ "ˢ
0 2+*6ˢ 1" * 1ˢ 06.-ˢ *ˢ -1 60ˢ *4 9*.2+*41ˢ7.0,ˢ:0 2.ˢ0/, 4 0ˢ (."60 *ˢ ˢ
: ˢ*0,ˢ" /.0ˢ -.*; -1 0 0 0 6 * +8ˢ,0 60ˢ+*+8ˢ0/ˢ50 ,+ 1 2+8?ˢ 6.ˢ+6ˢ 0 5 ˢ
-0-1 .2.6ˢ 3+ˢ36ˢ71,ˢ.4402.6ˢ *+*3+.-ˢ: 4 "0ˢ 0ˢ71- *0-ˢ6. *ˢ5 .0 0*6ˢ50ˢ
,+"1ˢ6.*6.ˢ,1* 6.*6.ˢ -1 60-ˢ50 6+" ,ˢ %+ *ˢE+ 1ˢ0/ˢ. 0.ˢ 0<)+-ˢ *60 ˢ
19.*60ˢ.*ˢ,1* 04.ˢ 08ˢ0 06ˢ,+-ˢ ""0ˢ,1* 04.-ˢ. -. 06ˢ *91" -0* ˢ 4ˢ
50 .40 ˢ*1*ˢ51 0ˢ* ˢ5 0ˢ: 40.6ˢ E+ 1ˢ 05",.*60ˢ06ˢ,08 5+8ˢ40<,ˢ51 6+".*60

& A ˢ , , ˢ ˢ; $< ' ˢ (ˢ * $ ˢGˢ ˢ$ˢ $ ˢ , +3 9
ˢ) ˢ ˢ ˢ+ ˢ ˢ+ 5ˢ $ˢ ˢ2 $Eˢ ˢ $ ˢ2 ˢ ˢ9
X !$
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% !

50 0*0 6 .8 ""+4 +6 0 .6 .*9+ *0 406+ 5.6+ - * . 0. - 5 .0, 5 6.6+) 2 *
91" - 0 <" 8 : / 1,+" 8 + 8 , 040 8 " *601 , +1 0 - 50) 4 J+ + - 4060 .9*
613+0 6.*40 - 01 06 ,.4.:0 0 +6 3+ 4. - .44+*6 ,.", 2+8 ,1*6+ - 0" 1 0 - 506 61
0/6 . .040 8 * : . - ,+ - 03+., 2+8 + 8 5 19 0 +8 . *3+ ,1 - - " 61*08
0" , 60 *,71.6. 50 03+. - + < 6. 0/ <+206 G+ 2+8 :0 2 8 .05 +8 0506 6 8
,+6* 6.6 - * 1*+ "06 71 1"19 5.".6 * 6; - 5.*+ - .4 . - . ,1*,". - .6+ -
+2 3+0 06 5"028 ".6 - .4 1" * .040 8 .,,+ 6 %+ * ,.4.:0 - 8 - 1" 8
*<+ 1 0 104.6+ - * 6.2+"+ - 5 1/ - + - .2< , 6+ 06 51 6 0 - 1,.5 60. - 5+6.4
3+14 1 - . - + 3+0 50 ".6+ - 0 6 35+40*4 8 60 - 06 - .* 2+8 .,504 2+8 6 *,.6<
50 : ,18 .4#(03+.*.0 5. - .4+ - 3+14 1" - 1 - *1 . :1,0 3+. - : 8 * 7 "
6."0 ,19 6.*8 5 .0 .9 0 .6 L + - * 01 0 606 +6 * 5 1 "+0*60 - . 5+0 8 - 0 90?
06+ *40 06 .4+ - .4 + ,.8 2 1* .",1* .8 , + 2+8 * ."6+ - +2".6 8 06 5 1
50*40*60 ,1 51 0 0 0 8 ,.60* 8 +"50*4 6+ 9*0 +2<041 3+1 6.*6+ - + 6+".6+ -
1 06 . - ,1* + - 56+ 7 0 6 +6 50 1 - * . 0"0 - 076. :0"+6 ? 61 3+0 06+ .* *
60 . 1,, +8 .3+ 8 - 0 +8 9* +2<04+8 51 6 0 - 1 * .0 0 5050*4 6 2 ,+ -
.4 ." 3+16 4 08 504.*6 + - " 2 4 * - +"61 + - 06 . - <+ 6.0 *4 9*.6 1* 3+
.2 0 - "". - 515+". 0 - 09 06 E."" .0 * 51 60 + - - .9*1 , 7 6 6+ . - .+9+
.2.*6+ 5 1 6 6 "06 J . , ,+8 P 1 - 1 .*6 +8 5 1/ - . ,29*.6 1*0 06? - .<1 ,?
*0,0 " 6+4 *0 - 1 6+1 ,1*<+*4+8 3+ 0 *.6+ 0 50 ,+"1 0 5+0 .6 50 71 - *08
418 *140 ""+4 0 5.6 2+"1 6 .*8 0 06 4 .*6 " .0 * .,0""1 60 .0 - .*4.
,+ .: 6 * .04 2+8 1" * 1,, " * 6+ - +"6+ 36 12: .+6 ".6 6.*608 050 6
+ * 6 5 16 *+8 - " 608 .4 .5 *.8 :0 6+*6+ 06 . , 8 0 . 6 8 50,+* . - 06 ." .
5 06 1 . 405 .54.*6+ " 60 8 6.*6+ - 06 ,7. 6 8 ,1* 0 :.6 8 < ,0* - - .*4.:0 .6
09 *. *40 U :0 * +8 %.:.* +8 06 8 $ 160 6.*6 + - 14 1 - - 6+8 1*
50* 0 +8 50 + 20 - . - .6 :1" 6.*6 06 ,+ 0*6 5"02 6 - +"18 .44+*& ,1*<+
.6 1*0 - . 1" * 1 06 2, 8 ,1*6 . 090 - 09 *. - 09 8 .6 08 ., .:. + -
+* * 6. - 06 . 1 NO 20*0 , 1 40604. - 4 4 6.*608 ,+ ,S 6.*6+ - 60 - 51 0
5 .0:0 60 6 5 1 *4 *0 - 5 1 + - 75 - *+ - 06 09 8 ., 5.6 .0 ,.5 6." + -
71 6 + - .*9 * 5. ,0 0*6 06 * ""1 - 21*. +6 "09 6 - 0 5. 6. - 5 .04. - *
:1". 0*6 < 0. * 0 60 29 8 :1"+*6.60 - +6 50 6 0 + - 0 50*6 + * 0 - 0* 0/6 506+
06 (04. 1 :0*0*1 0/6 *41 +* +8 - .<1 + - 0" 9 1* 8 - 0*6 1 * 51 60 + - .6
%+ * 14 " 20 6. 0 4.6. 3+ 3+0 * - ,+ - 06 .0 - +"+ - * 0 6 8 .* - (50 03+
5" 6 - 5 .04.0 40" 40 1 * 41 - 08 + - 50 0 .4 ,.040 8 5 1 - 0+.8 ,+*4 0
140 - 60 - 51 0 J .*, 0+8 +5 +",.+4 +8 ,1 - 08? 09 12 .,06 .8 06 + 2.*
"051 8 :0*+ 6.60 - ." 13+ 9 .6 1 +8 ? ,+* 70 60 *. 4 0 .4 *60 - 50 6. - + 3+0
*140 - 04 *60 - 50 6 :0 ,+ - 090 <1,.6+8 + "06 06 0 41 - + - *40 0,05 "06N
0.*40 - ,+ - 1" * 1 1 60 - 0/50 6+8 0 6 . - . 9 +8 :0 *+8 +5 +",.+4
.040 8 5+" .6 06 7.20 0 0 4 ,0*8 . 090 6<+.0 "" *+*, 06 0 0 .6 8 1 2+8 5 2
+5 +",.+4 1 <+20*60 .4 - 66 6+ 3+ +2 50 1*.618 71 - *08 I: 4 6 090 - 5 + -
.40 0 .6)8 3+ ".9 8 0+ - ,.040*4 ,.+ . 50 <1,+ * :0* "0*6 - 0" +8 0,+ -
.90 0*6 59.6 .6 - 0 *1* "+41 04 0 9 1 0 - .9 * 1/ 0* 6 ,+ - 405 .0 .6.
.*60 1,+"3 41 - 1 5 0 .2 +*1 0/ . 6.*6 2+8 0 - *+4+8 , 340" 60 *60 04+8 0 6
%0" * +83+13+0 1" * 90*0 ,+ - 50 609+".8 41 - + - 4 0+ .*8 <. - - +"61 + -
- .*+8 0;. 06 51 6 0 - 1 . 6 5.61 - +8 *4 * ,1* 504+8 06 5 0 1,, +8 0 6
61 +8 2 ". 1 - 1*6 +8 0*0"" - . ,7 1 $1 , .* 5 *, 5 8 .60 +60 *+8 ,+
40 0*0"" 1 - . ,7 1*.6+ " 8 ,+ - +41: ,1 ". 1 - 1*6 1 + 1 - 21 .*1
? 90*6 "

% $ [! $ 2 # ! !$ 2 , !#" ! $ 2 / !# $
\ % ,) S " / . , !!)2 !# ! $ 2 0 / $?
! - , ! #$? . ! # # " ! ; " !#2 " *") 0
L " !# " / #2$ L

90*6 " ˢ 1ˢ , .6ˢ *ˢ .:. ˢ ,1 - 6.6+ˢ +606 . - ˢ :0*0 .6ˢ 3+. ˢ *0 - ˢ " 6ˢ - 1"0 6.0ˢ ˢ
6.*40 - ˢ - 51< 6+ +8ˢ :0 + - ˢ ." 1ˢ "1*90ˢ .,ˢ 5+6.:0 .6ˢ 0/ 6+ˢ 08ˢ 50 . 6.ˢ ˢ *. - ˢ ˢ ?
*ˢ ˢ 6+ - *"6+ˢ ,+ - ˢ 50ˢ .040 8ˢ + 8ˢ 5 1/ - .8ˢ +90 06ˢ 6.*40 - ˢ *ˢ 622 *ˢ " + - ˢ
:0 " 9.*6 8ˢ - .*+8ˢ *, 4 6ˢ 3+ ˢ 0+ - ?ˢ*+"".ˢ 0ˢ *..9 8ˢ 3+. - ˢ 12Uˢ" 60 - ˢ * - ,+ - ˢ , +ˢ
40" 60ˢ 126 +*, .: 6ˢ ˢ *0,ˢ - +"61ˢ 51""ˢ 0ˢ *ˢ <+4 , + - ˢ 404+4.ˢ 0,+*4+ - ˢ + " + - ˢ
5 1*+*, .6+ - ˢ 0 6ˢ 2.+4ˢ 0" , 1 0ˢ 6. - 0*ˢ 0/ 6+ˢ 3+ 550ˢ 06ˢ 04 4ˢ 51 60.ˢ *ˢ 9 .6 . - ˢ
$ 160 6.*6 + - ˢ .4 ˢ 20*0 , 1ˢ40, 06+ - ˢ *4+4+ - ˢ0 6ˢ 06ˢ +41: ,+8ˢ 5 0ˢ12ˢ4 5. 0 - ˢ
1*90ˢ , .+ . - ˢ 0.40 - ˢ - - .* 6.60ˢ 126 +*, .6+8ˢ *61* +8# . . *+8ˢ +0 ,7 +8ˢ
71 - 1ˢ 6 0*++8ˢ 3+ ˢ 5 4 0ˢ 1" * + - ˢ 19.:0 .6ˢ +6ˢ " ,ˢ 6?ˢ0<+8ˢ 41 - 1ˢ 50 *14. 0ˢ
" ,0 ,6ˢ ,+ - ˢ 155 0 " 8ˢ 6090*4ˢ 0ˢ 5.6 + - ˢ *1*ˢ 7.20 06ˢ 5."" 1ˢ *ˢ 2 .,7 + - ˢ + - 561ˢ
06ˢ 6 41ˢ 9".4 1ˢ 0ˢ ,1*6 .ˢ 50 ,+ 2 08ˢ 4 +ˢ 40 0*4 6ˢ< *0 - *0ˢ 6. - 0*ˢ 0/ˢ 8ˢ *60 ˢ ˢ
041 ˢ 3+ 550ˢ "1 , .6ˢ 1 - *08ˢ 0 6ˢ< 6.*40 - 3+0ˢ - +"6 6+4 *0ˢ , ,+ - + . ˢ12 +6+8ˢ
0 6ˢ .40 - ˢ , ." - 6.8 ‖ .+4 *0+ - ˢ , 0 ˢ .6 0 - ˢ ,$"+: ." + - ˢ 06ˢ 0 * + - ˢ *ˢ
:1": 6ˢ , +40" 60ˢ .ˢ - "6 2 8ˢ ,9 8ˢ 1, , 18ˢ *0,ˢ *1*ˢ . 5"+ - ˢ ˢ G+0""0*0,+ - ˢ
$0*6 + - ˢ - 1 , .,ˢ 09+"+ - ˢ 3+ ˢ .67. *. - ˢ $. 670*.0. - ˢ UˢA1.** 8ˢ (+2 ˢ
" . - ˢ06ˢ 70 040 - ˢ *ˢ +/1 0 - ˢ4+/0 .6ˢ 04ˢ.ˢ$. 670*.0.0ˢ - .6 0ˢ 9 4 6.60 - ˢ90*0 ˢ
, .+".6.ˢ 40ˢ 4 "2" 0*41ˢ - .6 - 1* 1ˢ " 0ˢ ." 3+.*61ˢ .*60ˢ 60 - 51 0ˢ *60*6.6.ˢ *03+0ˢ
U4. - ˢ *< . ˢ 6.3+0ˢ ,+ - ˢ,1 51 .ˢ01 + - ˢ " ,+6ˢ.ˢ50 ,+ "2X<2+8ˢ " *9+"ˢ 1, , 402.76+ ˢ
.*60ˢ . ,0 - ˢ 09 330ˢ 09 *.0ˢ .,ˢ616 +8ˢ .+" , ˢ ,1 - 6.6+8ˢ ,2* 504+ - ˢ 1‖2< ,0 0*6+ ˢ
603+0*608ˢ 0ˢ 9;*.0,01ˢ 10 - *. ,ˢ *03 ".3+. - ˢ , +40"ˢ 504R+"1ˢ 0.8ˢ .2 60 0*60 ˢ
,+ 1 8ˢ 1,+" 8ˢ *+41 + - ˢ,1 51 .ˢ *:0 0, *40ˢ *6+02.*6+ ˢ 06ˢ *ˢ $1*6 1ˢ 5 .0, 5+,ˢ
,0 - ˢ 40 902.*6ˢ "ˢ 3+.ˢ .6 1*0ˢ X 4 6.6 8ˢ "" +8ˢ , .+ . - ˢ .+6ˢ *16.8ˢ 50 - . ˢ 51 ˢ
0*6ˢ . 1"+8ˢ ˢ 0""1 - .*0 +8ˢ .:. 4 *+8ˢ $1*6 ˢ ,19*.6+8ˢ 06ˢ 5+ 6 .0ˢ .:. ˢ
." 3+.*4 +ˢ - 140 .61 ˢ *ˢ - .*+8ˢ$06 ˢ9ˢ +5ˢ + .0ˢ,19* 61 8ˢ 71 - * 8ˢ - * - 0ˢ - ."6ˢ
*, 40 .6ˢ< 3+ ˢ ,+ - ˢ 0+ - ˢ 0 :. 0ˢ :0""06ˢ .2ˢ .+".0ˢ 0 - ". 8ˢ <+ " 8ˢ , .56 :+ - ˢ *60 ˢ
,0 0ˢ 3+.ˢ 0 .6ˢ *9 0*ˢ 5. .6.ˢ 06ˢ . 9+6.ˢ 0 6 : 6.60ˢ 5.6 + - ˢ 506 6ˢ 4+ - ˢ .ˢ +.ˢ
*1*4+ - ˢ U/, 6.6. 0 0 :0 ,0 06ˢ G+1ˢ 4 41ˢ 0 6.60 - ˢ ""1 + - .4ˢ 60 - 5+8ˢ +" ˢ
04ˢ - 1/ˢ +50 :0* 0*60ˢ62ˢ . ,0ˢ *6; , 1ˢ 3+. ˢ .ˢ 090ˢ - "2 71 - *0 - ˢ *ˢ - .*+8ˢ
6 5.61 + - ˢ 3+ ˢ0+ - ˢ ,1 . - ˢ 390ˢ 6 60 0*6ˢ 6 .40 0ˢ,1.4+8ˢ 0 6? A :0 1 .:. 4 *+ - ˢ
*ˢ 6 *0 0ˢ 5 +8ˢ 5+9 1*+ - ˢ 4 2+8ˢ ,1* 1 "+ - ˢ 0ˢ - 1".6 *. +*ˢ 51*60ˢ *ˢ "+: + - ˢ
5 .0, 5 6.:0 0ˢ ˢ 1" +8ˢ : ˢ *12 " 8ˢ - . ,7 1* 8ˢ 1*6 ˢ5+0 6 .0?.4 - 16+8ˢ , .ˢ
* 6 0ˢ :0*0 .6 4.ˢ 0*0/ˢ *60ˢ . - 5"0/+8ˢ ."+ - *ˢ + ˢ2 .,7 .ˢ 5 16 *40*6 dˢ 06ˢ 0ˢ .4ˢ
6+8ˢ 1551*0*6 8ˢ 5. 60ˢ *60 04.8ˢ 0 6ˢ) 6 3+0ˢ - 0 .2 "0ˢ + 6ˢ 504.,+" 6 - ˢ
J .*, 0ˢ ˢ 1 - 5. 8ˢ .+ - 1*6 ˢ 3+ ˢ *ˢ : , * .ˢ "". 4 :0 .2.6+ ˢ "04ˢ 3+ 4ˢ 1 ˢ
6+*.ˢ - 1 0ˢ +1ˢ "+40*8ˢ * 50 .6.0ˢ ".06 6 .0ˢ 0:0*6+ˢ - ",+ 6?ˢ 8ˢ ,+ - ˢ 4 12+8ˢ " 8ˢ
3+18ˢ 5.60 *1ˢ . - 1 0ˢ 4 " 902.6ˢ *ˢ 0140 - ˢ "041ˢ 405 070* +8ˢ .ˢ50 ,+ "2 2+8ˢ 3+ ˢ
0. *ˢ*1*ˢ6. *ˢ14 1ˢ 0" 9 1* 8ˢ3+. - ˢ 50ˢ"+, ˢ ,+ - ˢ1 - * ˢ5 1"0ˢ.4ˢ 0/ 6 + - ˢ50602.*6ˢ
,+ - ˢ + *1ˢ 0/ˢ " 8ˢ *60 04+8ˢ 0 6ˢ ˢ ."60 ˢ0/+*4.*60ˢ .*9+ *0ˢ , +0*6.6+8ˢ ,+ - ˢ 0ˢ
3+.*6+ - ˢ 50 ˢ "". - ˢ .06.6+". - ˢ " ,02.6ˢ : /ˢ 0* - ˢ 4+140, .+ .ˢ .**+ - ˢ .66 90 .6ˢ
12<04+ˢ - 1 6+1 + - ˢ,1*6 .ˢ 4+8ˢ40 0*4 "%06ˢ - 1 64+ - ˢ 0ˢ" - +".*8ˢ .2ˢ "" 8ˢ51 6 0 - 1ˢ
5 1ˢ - 1 6+1ˢ 0" 4+8ˢ0 6ˢ 1/ˢ .9 - *.6 5ˢ,1 - 5"+ 08ˢ .4ˢ .040 8ˢ06ˢ5 .04. - ˢ01<40 - ˢ
. , ,+ 0 +*6ˢ< 3+1 + - ˢ ." ˢ .4+ - ˢ +6ˢ09 09 + - ˢ".+4.2.*6ˢ *. - ˢ *1*ˢ 0 .8ˢ 6.*6+ - ˢ
"04ˢ,+ - ˢ 0 8ˢ, .6+"18ˢ 1 - * *1ˢ50 40*418ˢ ' ." ˢ7+ - .* 1 0ˢ 0* +ˢ *ˢ5.660 *ˢ+6ˢ 1*60 - ˢ
4ˢ " ,+ "0ˢ 04ˢ **1,0*6ˢ 5 1" ˢ 06ˢ3+.0ˢ 0.40 ˢ ,1* " .ˢ - * - 0ˢ 1 6. "0 ." 3+.*41

ˢ 0,+6+ .
Lˢ Lˢ
& ˢ %ˢ ?1ˢ * # ˢ !ˢ K$ $ˢ ^$! ˢ !ˢ #$ 9 ! ,$ # / ˢ ! ˢ # $
ˢ9 " ˢ! # ˢ* ˢ ! " ˢ # ˢ !
ˢ ˢ $ˢ ˢ‖ ˢ !ˢ' ˢ ˢ9 / $ Lˢ9 # ˢ ˢ ˢ ˢ ! ˢ ˢ
ˢ A 6 6ˢ ˢ# ˢ# # $? ˢ; , #ˢ 3, ˢ:)# ˢ $ ˢ2 ! ˢ !ˢ ˢ; !# !ˢ
! $ 2ˢ' !ˢ ; #/ ! 2ˢ# ˢ ˢ / 6 $ 2ˢ " ! 2ˢ# ˢ ˢ , !$ ˢ ˢ ˢ
ˢ ˢ " !#$ 7 2ˢ , ! ˢ ˢ" *)ˢ ˢ !# $? " ˢ ˢ " !#ˢ ˢ ˢ ˢ
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ʼ 0,+6+ .ʼ0 "06ʼ 5. ,0*4+-ʼ + "0ʼ. 02.*6ʼ *60ʼ018ʼ +2ʼ :0"50 .-ʼ "" +8ʼ 4 0ʼ ,+-
ʼ ʼ3+ 4.- .4+-ʼ +- -150 0ʼ 4060 6. 06+ ʼ 06ʼ 0+-ʼ +"61 0-ʼ6.*6.0ʼ -5 06.6 8ʼ +ʼ
6+ +-ʼ 4 ,0 0 ʼ 5+0ʼ -0-2 .ʼ"041ʼ -1" 0*8ʼ 06ʼ ,.5+6ʼ 0* -ʼ .661""0*8ʼ : :0 0ʼ ,ʼ
60 6.6+8U0 6ʼ 3+.0 0 6 3+0ʼ 3+ 8ʼ 0"%06ʼ ""0ʼ *1*ʼ -5 +40*60 ʼ 0ʼ "+-ʼ06ʼ .6 0-ʼ
1,, 1 +-ʼ0 0ʼ 4 / 6ʼ *1- *0ʼ *1*ʼ 04 61ʼ 40ʼ 3+1ʼ ,+-ʼ + +8ʼ *6, 19. 06+ ʼ
0 51*4 6ʼ 04 6+ +-ʼ *1-0*ʼ ,+-ʼ 01ʼ 3+1ʼ ,+50 06ʼ 404+4+8ʼ 0"%06ʼ 19.: 6,ʼ
71- *0-ʼ +6ʼ 0ʼ .4ʼ. -.-0*6. +-ʼ 09 +-ʼ4+,0*4+-ʼ,+ . 06ʼ *.-ʼ 0ʼ .4 *6ʼ 60ʼ
ʼ 1*+-ʼ +- -+-ʼ 0ʼ 61 -0*6. .0ʼ 5 .0 04+-ʼ ,1*6 *90 0ʼ *00ʼ 40 1 0ʼ 6.ʼ 6ʼ
20*0 , ʼ5 .0- +-ʼʼ 3-14ʼ U6ʼ "Rʼ 04+"1ʼ 0, 6ʼ 5 0ʼA.,12+8ʼ 1-5. ʼ 40 *1-0*ʼʼ
0 6ʼ 71- *0-ʼ 2ʼ.ʼ 01ʼ 12".6+ ʼ) - -.ʼ9 .6 6+4 *0ʼ 0-+*0 .: 6ʼ06ʼ 1*ʼ 5 +8ʼ
" .-ʼ 51 60.ʼ +/1 0-ʼ4+/ 6ʼ 714 03+0ʼ ,". " -.0ʼ *ʼʼ 3+ 6.* .ʼ .- " .0ʼ5 *,058ʼ
E141 45ʼ .+-1*6 1ʼ 5.6 +1 +* ,.ʼ ".ʼ 0" *Rʼ 40 +*41ʼ -./ - 8ʼ 3+ 2+8ʼ ,ʼ
4 9*+-ʼ 5 .02+ 6ʼ 71*1 2+8ʼ.ʼ 090ʼ ,+-+".6+8ʼ 6 5.61 +-ʼ 09 ʼ,1 51 8ʼ6 2+*+8ʼ
06U <0*0. *ʼ 5 .0 04+8ʼ . 1ʼ 0ʼ 20*0 , 1ʼ 0/ʼ 6.*61ʼ 50 ,+"1ʼ 0 :.6+8ʼ: 406+ ʼ +6ʼ
.- " .-ʼ .4ʼ 5?.+,18ʼ 04.4.-ʼ *+-0 1 .ʼ 3+.-ʼ 0/ʼ +/1 0ʼ + ,05 6ʼ 121"0ʼ 5 15.ʼ
9. 06ʼ 06ʼ : 6+60ʼ +.ʼ -.<1 +-ʼ6 6+" 8ʼ +- -+-ʼ1 *.-0*6 -ʼ.440 06ʼ 140-ʼ4 0ʼ
* .9*ʼ *60ʼ$ 160 6.*60 8ʼ *1- * 8ʼ 1,, ʼ ʼ 1:0 +8ʼ 0/ʼ 0*0 6 .ʼ *ʼ; .-ʼ5+(" ,.-ʼ
5 .0, 5 6.6+8ʼ Ď 1*6.- I +8ʼ ʼ 1*6."20 6+8ʼ 8ʼ 121 0+8ʼ A1.,7ʼ ʼQ . "2 +8ʼ
+9*0 +8ʼ ? +5 +8ʼ 1"+-2. +8ʼ ʼ&0".:.+ +8ʼ E0 :. +8ʼ . 20 +8ʼ J8.*,+ʼ
< +8ʼ .:. ʼ,.*,0"". +8ʼ 0 1*; -+8ʼ U E 1"16 +8ʼ + 0" .*ʼ5 .0 04+8ʼ 06 E0 ʼ
-.*+8ʼ 1ʼE. .+6 +8ʼ ."" 6+8ʼ 3+ʼ.-21ʼ 50ʼ: ,18ʼ 4 +ʼ 06ʼ - -.* 60ʼ6 .4ʼ +*6ʼ 06ʼ
*ʼ 5 1 "+0*60-ʼ6.*40-ʼ.2<04 ʼ * 6 9.*6 2+8ʼ 3+ʼʼ "" +8ʼ 0+ʼ 5 .0 04+ .0ʼ 0+ʼ 21* 8ʼ
*7 .2.*6ʼ (057.*+8 ʼ 0:."0 +8ʼ $ +*.0+8ʼ 09 .0ʼ9.C.0ʼ ʼ$ 61* 2+8ʼ 5 .0 04+8ʼ
: ʼ<5 12 6.60ʼ +- -.ʼ 06ʼ 40ʼ 05+2" ,.ʼ 1" , 6+8ʼ 3+ʼ 0/6 +0*4ʼ ".5 40ʼ 51*6 8ʼ ʼ& ʼ
90**.0ʼ .4ʼ ʼ ."4ʼ,. 6 +-ʼ -51 6ʼ.+41ʼ 0/6 6 6ʼ - - 8ʼ .ʼ(6057.*1ʼ ʼJ0 91*,ʼ
$.6.+40 1ʼ 3+ʼ 0<+8ʼ 3+.0 6+ .0ʼ - - *02.6ʼ 6,. 8ʼ 51 6ʼ9 . "40-ʼ 0/ 1"+6.-ʼ 50ʼ
" 5* ʼ, +40" 60ʼ *60 04+8ʼ 0 6ʼ 06ʼ 51 60.ʼ *ʼ "+-0*ʼ5 .0, 5 6.<+8ʼL 6.+40 +8ʼ
:061ʼ 1*50* 0 ʼ ,+<+8ʼ 08ʼ 5 1,+ .2.6ʼ ,1-5 0*4.6 1*4ʼ 0ʼ *ʼ -+*0 0ʼ ""1ʼ + ʼ
04+8ʼ 0 6ʼ 1*; +(ʼ 60-ʼ $0 16+8ʼ 0- " ʼ 0*.65 8ʼ $. 0* 8ʼ *1*ʼ - *+8ʼ *ʼ
609 6.60ʼ3+.-ʼ <+ 8ʼ , 0*6 .ʼ,". ʼ "+8ʼ 6.*61ʼ5.6 0ʼ4 9* " -+8ʼ 0.*40-ʼ 1 6+*.-ʼ
+2 6ʼ ʼ 0 ?5. , 6+-ʼ 8ʼ 3+18ʼ .:. +8ʼ.ʼ 090ʼ -1* 6+ 8ʼ *ʼ. ,0ʼ/06 *+0 .6ʼ .-ʼ
ʼ 09 1ʼ - *4.6+ ʼ0/ʼ 70 1 +-ʼ ,1*,".: 2+8ʼ *ʼ. 0. -ʼ40 ,0*40 0ʼ <+ " ʼ06ʼ 0/ʼ . ,0ʼ
0* 2+8ʼ .40-56 8ʼ 04+4ʼ *ʼ :0 6 2+"1ʼ -+"6ʼ 0/ʼ 8ʼ 6.6 -ʼ *0,.6ʼ ." ʼ0/6 .ʼ. ,0-ʼ
.4ʼ,.040-ʼ .56ʼ *ʼ 8$. 4."".* +8ʼ Z (.- -. 6 *+8ʼ + +8ʼ 06ʼ -.**+8ʼ ʼ ". ʼ
5-1*6 +8ʼ $ " +8ʼ .*1ʼ ʼA1.** 8ʼ +- -.ʼ: 6+60ʼ *+50ʼ 40 0* 1ʼ ,". +8ʼ 8ʼ ,+-ʼ0/ʼ
. ,0ʼ .4ʼ ".* 0*.-ʼ04+,0606+ ʼ 06ʼ .*60ʼ .,0 :18ʼ 1,, 1 +-ʼ<.-ʼ -1 6+ +8ʼ 6. 06ʼ *ʼ
,". - .""0ʼ 4<, 6+ ʼ .0,, *0ʼ 0 6ʼ 09 8ʼ 408Nʼ 7.0,ʼ 5 1- "%.Nʼ 7 0,ʼ 5./Nʼ 6ʼ 6+ʼ
0+8ʼ 156 -0ʼ -./ -0ʼ 155 0" 1 +-ʼ,.+ . 6ʼ 6+0 0ʼ 6.*6.-3+0ʼ 50 4 .-ʼ 1" -ʼ 06ʼ
- -.* 6.60-ʼ<+ 6+8ʼ <+40/ʼ : *4 ,.ʼ 0/+613+0ʼ -.9*ʼ 5 06ʼ 5."" 1ʼ 3+14ʼ 0 6.2.6ʼ
06ʼ *12 " ?ʼ,+ 4.-ʼ 2ʼ *161ʼ 3+ʼ , ,+-ʼ . 6.2.6ʼ 6 4 61ʼ 1,ʼ 7.20ʼ .#-0ʼ 6. *ʼ *ʼ
4 9*.0ʼ -1 6 8ʼ -1*+-0*6+-ʼ 3+14ʼ ""0ʼ -+*+8ʼ .:0 .6+8ʼ 0 6ʼ ,1*4 6 1*0ʼ 0,+ .6.ʼ
4 ,0*6 3+0ʼ 7.0,ʼ $ " 1ʼ 7. 6.ʼ ".6+8ʼ 6 .*8 /+-ʼ 0 6ʼ 3+1ʼ 0/ʼ :+"*0 0ʼ "0ʼ ,1*, 4 6
0 .*+8

& ʼ % ʼ ?ʼ06ʼ ."" 6+8ʼ .60ʼ*167+8ʼ 3+ʼ @ʼ ʼ1 ʼ 09 8ʼ

% $ ʼ Ď ʼ, ʼ / %: ʼ ʼ ʼ5 6 $ʼ ʼ% ʼ ? & .ʼ &ʼ
ʼ ʼ 6 0 ʼ ʼ% ʼ ʼ > . ʼ.ʼ . ʼ ʼ 0ʼ ʼ ! 6 ʼ * ʼ $ʼ
/) $ʼ ʼ ¬ ʼ > ʼ ʼ 6 ʼ ʼ $ʼ 4 $ʼ ʼ ʼ > . ʼ ʼ4 R ʼ ʼ
+ʼ ʼ% $ʼ ʼ ʼ ʼ ʼ ʼ4 $ʼ ʼ ʼ+ ʼ& ʼ 4 /34 U ʼ 4 ; ʼ 0

% ʼ ʼ # E 1"16

0 . +8'<. -'9 . 60':+"*0 .6+8'0/'50 ,+ "1 + -' - .* 2+8' 1 60'0".5 '06' *' ,+' '
2 ,+"+-' .:. '+/1 8'50 + - 50*8'., '+2'"04"1'0<+8' ".6 6.*8' 0 :.6+8'0 6'. - 04 48' ' '
09 8'4 " 90*60 ' . 9. 6.0',1 - - 0*4.6 1*0',+ .6+8' 2' 0"A1:. +8' .:. '1" -'
5+0 6 .0' - 140 .61 ' ,+-'<. -'.2' "1*91' 60 - 51 0' 0/' . 67 6 40' 40,+ - 20 0 ' *'
"041' 155 0 +8' 0 6' V',' *61* 1' E . - - 1*6.*1' '&. ,1* 2+8' 09+"1' A1.**'
+ 1 6 1' + ., 1' D'A1.,7' 1."4 ' E. - ., 1'06' +,7.:.* 1' .' 090' 9 .6 .'
.4.'3+' *'0<+8' 40' 0' 1 0'5 1 - 0 + 6'*0,' 50 *' 0 0""0 +*6' *40' 0/ . '
:. - -'06' 1*4.0+ -',1 - 50"".6'06'.2' *0+*60' .0 .60'50 '616'.**18'616 08' 050 6 6 8'
'20"" 8' - .9 :1' 0 + -' +. + -' 406 - 0*61' 3+ 060 -'5+2"%,.*'6+ 2.6. -'4 ,R'' 5+*,'
6.*40 -' 0'20*0 , 1' * 6. -'.' 0' .6 1*0 -'.4'1 - *0 8'20""1 + -',.+ .8'0/6 5.*4.8'
1,, + -' +1'<+ "+' 1" * + -'7. + -'6+ 2. + -'.+4;0 - ' 40 - 3+0' +55" , + -'*+*,'
5. " -' *' + 20' + -'40' ,0"4.6 8<.1 - * 2+8' 06' - 5 .0' +50 6 6 1* 8' "+0' * 04 8'
0'3+ 40 -' - 0 - 1 0 -'3+.*6.'.2' 5 8' " :. 1'06' 1*4.01' *,1 - - 14.'.,,050 6'
3+' 0'5 1 " 9.6 8'71 - * 2+8 4+,08'126+"0 *6'06' 20"". ,0*6 .' 0' 04 6 1 0'90"%0 *6'
1' 400 " ' 2'<+ 6.8' *<+ .0' : 4 ,.*4.0',.+ .8'' +"6 1?06 . -' *+*,' 1,,. 1*0 -'
4. '6. - 0*' 5 .060 6.'06' ,1* .*9+ * 6.6'06' 0,0*6' .4 * 6.6'06' .06.6'40* 3+0'
5'1 + -'61*41*. 0'06' .4.'7.0,' .2' "" 8'4+,0 0'*1*' 5 1 + -' 04 1" * '06' 0'
3+., +*60<+8' 3+' - 0 6.8'<. -'40*6' .+6' - 1/'4.6+ ' +*' ,0"0 8' 510*.8',1*") 1'
06',+"5.'' 3+.0'06' 5 0'12" : 1*0'" 20*60' 05+"6.':0" 6 '4+ - - 142' *'51 60 + -' +50'
1 + - 60 - 51 + -'1 0* 1*08' 40' *,0 .'06' 402 61' 2 03+ 1' . , .*6'06' 0<0 .6 '
5 1 .*.0' +50 6 6 1* 8'41 *.'.4' - .<1 . -' ., .'.63+0' .401' .671" ,. -' 1 7.*. -'
0" 9 1*0 -' 0:0 6.*6+ '*. -'+*. -' :0""0' "0' 3+. -'.' - .<1 2+8'.,,050 6' *' +1''
09*1' , 1 " ' : 40 0*6' 9 6+ '*+ -' 0.' *' 0' 2' - 1 0 -' 90 0 0' " *6< ." 13+'
*1 *6' 0. 40 - ' 3+.8' 1, 18' 5.6'` 3.*6' 510*.8',.5 6 2+8' + 8' - 50*40 0' 4'
7.0, .:. +8'5 - + -'40 - "%1'.4 - 14+ -'.* - 1' : -'.',1 51 2+8' 06' ,5* , 0*6 .'
405 0,. '' 40' ,060 ' 0' *'0<+8' 40' +6+ 08'4 ,0 4'.,'5(.618'0'1 - * 2+8 *' 02+8'
.6 8 .,0 0'' 1*4.0+8' : 1'.440 0' 2'50 +.40 '*1*' 51" 0 090 - ' 3+' 40 d'
+. -'6. *' 1"0 ** '<+ 0<A .*41' +* :0 8' 09*' +'$ 160 6.*6 2+8' 12" 9.:0 6'I+"".'
.6 1*0' .2' 0.'4 ,0"%+ + -' .+6'.4:0 . 8'.,' * - , 8' + 8'0.' *' 0'.+ ,+"6.6+ + -'
3+.*6+ -'.4' 0" 9 1*0 -'.66 *06' 0. *' - 50 . '*1*'51" 0' 40',.5 60' +1'.0 1 6+* 8'
' 09 8' 5160 6.60' 0 "0' +6' . 2 6 1' +1' 6.6+.6 K' 0" 9 1 8',+<+8' *1 6 . -'.' 01'
.,,050 6' 01' +*' .6 1*0 -' 2' 0440*4+ -' 0 0' 6.3+0' .6+ - d5+4'"0' /+ - 3+0'
0'%0' *+*3+. -'.2' 0<' 0" 9 1*0'3+. -' :0 . -'0 0',0 61' *1 '6' *0'5 .0 0*6'3+ 40 -'
:6.0'4 0 - *0' ,,040 0?' G+1' 0 51* 1' 0/'+"6 .? - 14+ -'0/.,0 2.6+8',1*6+'
- .,0 -' 04 6 1 + -' 50 4+0""0 -' .,'50 4+0"" 8' " + -' 4*4.0+ -' .550"" 6.*8' 0'
40*+*, .6'* '*6 .'6 0 8'4 08' 0 5 0.6' +6+ + -' +6'50 : ,., .0' +.0'510*.8',.5 60'
"+.6' *'8' (.*90 - .*' <.+ 2 2' 5"+ 0X' 0' 5 1,0 2+8' $ 160 6.*6 + -' 2'71 5 6 .'
+ - 5 0 .*6' *0,' .44+,' 516+0 .*6''+6' *' + 20' 50 *1 6. 0*6' "' 0 .*6' A1.**08'
1.*+8' $ 1*60*.0+8' #E141 4+8' .+ - 1*6 +8' . *+6+ - : ,041 - *+8' E.B
2 0'' ' 1 " 1 - 0 +8' A1' Y . * +8' ' 4"1:. +8' # (09+ +8' $ 4."".* +8' ." ''
3+1 + -'155 - 0*41 + -'*0916 +*' .+ 0*6 1']' .+9 1*1'4.6+ -' +0 .6<'06' * +50'
' . ,0""1' - .*4.6+ -' +6'0/'+ 2.* 8' 0"0 2+8' B. - .618' ""+,' .4' .+9 1*+ -'
- 660*418',+ . 06'3+' 09* 60' 0 *'.4 - * 6 : 6' *60 '7.0,'*+* +8'40'. - 1 + .
, 02 0 00*60

& ' E % ' ?' *61* 1' = ' ' i ' 0""1:. +8' ' ' 1
% $ ' ? , ' '5 6 $' ' '5 ' ' . A ' L' '% 6 ' '
'4 6' ' , '6. ' & ' ' '6. ' ' $' :'! . $' " ' ' ' '
, . ' $' ' '% .' 6 $' 8 > A '+' , ' L' ' " ' ' ' > ' ? , @
' > $ ' 6 ' ' , ' $' ? ' ; ' ' 0' V? & ' ' > '
' ' + 6 ' ' ! ' '+ ' '4 ' ' ' \' . '
' '%%' ? 09' ! . ' & ' ""' E0*0."'40".' . 1*'40'J .*,0'5.'"0$' * 0" - 0'&1"' '5''bn
% 1' ' ' '

pe 1 A A

p ' , 02 0 00*60 50 ' + 60 - ' + - 1 0 .4 1*91 - , + - ' . " 0 6+ ' 3 ' ,* ' . *+60*"
' 9 , .6 ' ,1*6 * +13+0 +* :0 ,1* :07 +*6 ' 3+ 4 .90 0*6 *,0 6 ' 3+14 5"0 3+0
09 8 40 ' ,1* ' 4 *<+ %+ 5 +8 .' E+ " . * 8 5 02 8 04 6 1 .0 .+4. , . 06 8 0 '
2 ' .47+, ' 50 + .40 0*6 ' 6.3+0 .4 090 - ' 0+*4+ - ' 0 , ' ,0* 02. *6 ' 06 0 ' * ' : '
5 15+" . *4. ' +, ,+ 0*4+ - ' * ' 0. ' . * - 1 + - ' , .0, 6.60 ' 06 ' 5 +40*6 9 08 7.0, ' 0/ '
,1 - 5. 61 ' 09 8 - . *4.6+ ' 0 ' - * - 0 4+2 6. 0*6 ' . " 3+16 71 .0 ,1* + - 56.0 ' +6
. , "0 ' 155 - ' 516+0 *6 ' * 6 ." +4 - 504 - 0*6+ - ' ,1*<+ .6 8 *<0 6+ - ' + "06 F '
. - ' 4+ - ' + 6 . ' .+9 1*+8 $. 9* 0 8 . ' E+ 1 ' - - 660 418 0/50 6.6 ' 3+ '
0 0 .4 5 .04. - ' 4 ". 5 ' 0 . 6 ' E+ +8 ' 3+ ' - 1 .8 0.8 - 5.6 0*60 ' 0 06 ' 0:1, .6 8
0 ' +5. . ' 5 .061 . * 8 ' 4+ - ' 5 ' * . : ,+" 8 "+: + - ' 6 . * - 6602. *6 ' 01? 5 0 0
6.6+ 6 ' + - 3+0 .4 51 6.8 : 6+ - ' 0 "06 ' ." .8 5 1 ' . " 8 ," . :0 8 ."" .6.8 0 1 ' .5 '
5. + 6 ' 6.3+0 4+ - ' . " .0 ,1*3+ +*6+ ' <. - ' ," . . ' "+,0 0" :06 ' 06 ." ' 5 .061 . * '
2(03+. *. - ' 6 . * - 660*608 0/ ' ."60 . ' 5.U,1* 5 , +*6+ ' 61 - 0*6 3+0 4+ ' 0/ ' 15 '
51 6. ' 5. ' <+ " ' 09 8 ' +6 ' , 04 6+ ' 4 5"1 1 ' 1, ' +9.0 ' , .50 0*4.0 ,1* " + - '
, .5 +*6 ' 06 ' . *603+. - ' "6 ' .4:0*6. 0*6 ' <. - ' - +"6+< - ' : .0 0 < 0* ' +*6" E+ +8
1*91 - 0 + - ' . " 1 3+0 ' ' 1* 1 6 + - ' + 3+0 " - 0 , ' *"01 6+8 + 6 . ' + 6 ' 2 '
4 (. *"01409. + - ' * .4+8 0 ' *0916 + - ' 4.6 ' +6 0,0*6 2+8 03+ 8 ' :0 6 9 8" 9 0*6 + - '
* " 60 06 ' D) 40*, + - ' 60 - ' 06 1, + - ' - "" ' 3+ ' ' " . , ' 460 7.2, 0*6 +9 0*60 8 '
*60 , 50 0*6 ' (04 06 1 - *08 "" ' + 6 . ' +0 0 ' J . *, ,+8 ' 01 - 16 +8 ' 3+ ' * '
+ - +"6+ ' 155 - ' *1* ' 516+ 6 ' .4 8"09.6 ' *9" ' .040 8 ,1* +9 6 * 0 * . , *1 + - '
0. 1 ' " 2 ' .4 ." 3+16 4 08 ".6+ 6 ' *1"4+8 ' . : 9* +8 60 - ' 7. *4 7 *, ' "1*90 .5+4
. - , + - ' ".602.6 ' `3+ ' 508 ,+"+ - ' :0 6+8 ' 0+ - ' +6 2 ' ,1* +"0 06 ' - 1*+ 6 04
+60 3+0 ,1 - 5 ,70* +8 06 * ' 5.".6 ** - ' , . ,0 0 - ' ,1*<04+8 0 6 ' 01 ' 3+0 * ' - 1/ '
4 ,0 - +8 ' 0/ 6+ ' E+ +8 *60 0. * ' + 2, - ' 6 , + - ' + - . " 1 ' 06 *91" - 0* '
+2 ' . ' 09 8 .60"" 6 2+8 * ' *12 " + - ' $ 160 6. *6 + - ' 0 ' . - " . + - ' . , ' 2 ' *361 - - '
, .5 6. ' 06 1 6+*.8 .0: 0 .6+ ' 50, +" . ' 71, ":0"+6 ' 50 / 1H" 8 .66 2+60 ' 4+ - '
5"028 . ' 40, +6 1* 2 "8 ' 06 ,0*6+ 1* 2 8 7+6 ""+, ' , . . - : ,@ " 6."66 2+^ ' *, 6.6. ' * ' ,1* '
, :0 8 0 + . .4 1 - *0 - ' *60 *5, 0 - M ,0*6 . ' 2. ,4 . 06+ ?6 6 ' 06 71 0*4. ' +2<3+, '
0 + - ' . , 0 ' (3+ 40 - ' 6 05 6+ ' ,1*, + . *6 + - ' .4 , .040 8 06 5 .04. - ' 5".60.0 06
: .0 50 1*. 0 ' - 1 0*6 + - ' .+6 5 1/ - 1 + 6 50 ,+"1 3+0 +" ' +"+".6+8 0/ .+4 '
, .0 1 + - ' , .4. :0 . ' 50 ' 0*0 6 .8 40< + 2. ' .04 + 7 . 0.0 . , ' ,1*, ". : . ' 5 . ' , .0 8
155"0 ' , .4. :0 ' 50 ' ,1 - 5 6. ' 06 "+6+ - ' 5 1:1"+6. .56. ' , +1 0 50 ' . ":018 : '
01 + - ' 6. *6. ' ,15 . ' 0/ +*4. *60 ' +6 . *9+ *0 ' 7+0 ""+, ' 61 0*608 * ' +2<04+ - ' "+ - 0* '
4 - . *. 0*6 ' *7+ - 0 . ' - +" "6+41 ' , .0 . ' : 1 + - ' - +""0 +*6 06 . - ' 5 .09*. *6 + - '
06 5+0 1 + - ' ** .8 ' %0 0 +8 7.5 + 8 <. - ' 14190*. +8 - . ' *1 - * 8 * ' 0* .6+ '
5.6 1*+8 1, , +8 ' A1 ' 60 - ' D 1 - 0* +8 09 ' .2 05 63" 8 ' ,+ - ' * ,1"+ - 6.60 - '
5.4+8 * ' , . ,0 0 - ' . ' VA1. **0 $. 0* ' ".6 +*, +) 61 0 66+ 8 ' .4:0 . 1] &0 . '
" + - ' +*4+ - ' 40 3+1 ' ,+ - ' 01 ' " 8 "" ' 0 .6; ' : " ' 5 06 1 ' :0*4 4 "06 ' - +70 0 06 . - '
5+2" ,1 ' * ' ."60 +89 .6 . - 0<0 .61 ' 51 60. ' <+ 6 ' 01 + - 40 - ' ,+ - ' 3+ 2+8 6 . * 090 .6 '
*60 04+8 0 6 ' .94." * .?? "2*06. %7052."4 ' 1*91<1" ' :0 * ' " 20""1 + - '
+55" ,+ - ' - .9 6 ' : 4+. ' E+" 0" - ' 62*06 ' , . 4 * ." 8 *056 8 ' 40 ,060 1 10 - * . '
"04 "" - . ' *03+0 - 04 1, 2+8 " 60 8 0 +4 60 ' ,+ - ' 12 1"061 7.2 6+ " . - ' J . * '
0 0. - ' 0, + - ' 6 70*8 ' ,1 - 60 A1. **0 2 (5 * . ' *16 - 1 ' ,1*, 1* .61 0 ' 3+ ' :0"+6 '
"" ' 41 - 0 6R+8 0 .6 ' + 20 .+ +90 06 ' .9* 6. ' . ' , . 8 ' 06 .4 0<0 .6 1*08 + 6 . '
.4.4. ' ,1*6 8 ,1* 1 " . ' 06 ,+ - ' 5 - . * - 8 * ' "+: + - ' , ' , . 1 406+ 2.6. ' +50 *.6. 06
,1*, + "+

& ' ' ' % ' ? 3+.8 " . ' ,1* 6. *60 ' 0,0 0 0, + . : 6 ' +6 . ' (
% $ ' : ' ' I ' ' & ' + 5 ' ' B ' A '
6 ' % (' # ' . ' 6 ' > . $ R ' 0 ' 0 ' ' (' $ %
$ ' ' 6 $ ' ' ' ' ' 6 ' ' $
' 5 ' . ' $> . $ ' 52. ! / ' 6 D ' ' ' / & $ ' ' %
U ' ' ' 5 ' ' ? 6 00 ' ' $ (B $ ' /G

,1*,+ +ˢ *.: ,+". 1 + -ˢ3+. ˢ .4ˢ ,. 0 -ˢ .2 4. -ˢ A + 1,.*4. -ˢ .!"1ˢ :. 8ˢ .,ˢ ˢ
"0*48ˢ 442+8ˢ 6.*40 -ˢ + - - .ˢ - - - .* 6.60ˢ 12 +6.ˢ 0 6ˢ Uˢ(5 *.ˢ 60 ˢ 6+ 2. - *1*ˢ ˢA ˢ
.9* 6+8ˢ 0:. 6ˢ ˢ ".0ˢ 12ˢ .06.60*ˢ 5. , 6+ - ˢ +50 :0* 0*60ˢ "ˢ . ,0""1
ˢ 7 ˢ N . - +8ˢ * M &0 1 - .*4+ 8ˢ *.6+8ˢ ,+ -ˢ 4 +ˢ 21*.8ˢ "60 .8ˢ 57 ˢ
"1 157 . - ˢ ,6ˢ 51 6 0 - 1ˢ * .670 - .6 ,.8ˢ , 0*6 .8ˢ *ˢ ,ˢ $ 0".0.ˢ ,71".ˢ 0+ ˢ 5 .00 .6ˢ
06ˢ51 60.ˢ * 09 1ˢ .+4 61 1ˢ41,+ ",6ˢ51 6 0 - 1ˢ0 1*0. -ˢ *ˢ57 "1 157 , 8ˢ414 *. -ˢ
*:0/ 6ˢ 6160"0 -ˢ :1,0ˢ 06ˢ , 56 8ˢ - 51 6+*0ˢ 155+9*.*8ˢ 3+.ˢ 40ˢ 0ˢ ,+ -ˢ
A.,121ˢ ˢ . 50*6. 1ˢE". 1 - 1*6.*1ˢ - .9*<0ˢ 01*6 1:0 .0ˢ 0ˢ +0 0ˢ 06ˢ .*60.ˢ - .ˢ
<1 08ˢ ,+ -ˢ *61* 1ˢ0E1: 0.* ˢ 06ˢA1.,7 - 1ˢ ˢ$0 1* 1ˢ 6. - 0*ˢ0/ˢ01ˢ,1 - - 0 64.ˢ
6 1*0ˢ4 9*+8ˢ + 6ˢ3+14ˢ *90* 2ˢ 4 "90*6 .ˢ. 4+ 6.60ˢ06ˢ15 2+8ˢ06 . -ˢ + 8ˢ3+.*6+ -ˢ
*ˢ 5 1ˢ + 6ˢ 0 -ˢ 60 . . -ˢ <+: 6ˢ .,ˢ5 1 - 1: 6< 6+6.ˢ - .670 - .6 ,08ˢ5 1 0 "1*0?ˢ
,+ˢ .**++ -ˢ :04 9."ˢ ˢ"2 . + -ˢ0ˢ .,+"6.< 2+8ˢ + 8ˢ .66 2+ 6ˢ 8ˢ .ˢ . 50*6. 1ˢ
.0 - +"1ˢ 06ˢ "04 6 1*0 -ˢ .4<+:.*60ˢ - - 8ˢ",. 8ˢ0ˢ ,0"".ˢ *ˢ3+.ˢ".602.6ˢ0/6 .4+8ˢ
06ˢ 51 6ˢ 4050* . -ˢ 50,+* . -ˢ * 4 8ˢ ."3+16ˢ :+"30 2+8ˢ 50ˢ 0*0 6 .8ˢ *ˢ . 0. -ˢ
5 .0, 5 6.6+8ˢ 0 6ˢ 0"+ 8ˢ : ,0 2+8ˢ3+.0ˢ5+0 "ˢ + 0*608ˢ - .9 60""1 + -ˢ 5. ˢ .2 0ˢ
*, 6.61 + -ˢ - 5+" +ˢ 50ˢ : .8ˢ 5. 0 +*6ˢ06ˢ ,.4.:0ˢ 5 + -ˢ ,+6 , 8ˢ *ˢ5 1 0 6"1* 8ˢ
155 12 + -ˢ 4 :0 20 .*608ˢ ,1*6+ - 0" 1 0ˢ 06ˢ , +40" 60ˢ .56.;4 +*6ˢ G+14ˢ +2ˢ .4ˢ
1*; 6ˢ 8ˢ . - 2 *ˢ 1* 6 1" 0* "8ˢ 7+ - .* 1 + -ˢ "60 . + -ˢ 06ˢ +6 + 3+0ˢ "*9+.0ˢ
09ˢ5 1 0 2 8ˢ - +"6 3+0ˢ04 6 8ˢ "2 8ˢ40ˢ 0ˢ "60 . .ˢ 20*0ˢ - 0 6ˢ.+ 0 8ˢ50 :0* 6ˢ
""0ˢ 3+ˢ "2ˢ ,+ -ˢ 0140 -ˢ . 50*6. 1ˢ 1,,+"6.8ˢ 6 - +"6.608ˢ 3+. - : 8ˢ 12ˢ 0 -ˢ"60dˢ
. . -ˢ *60 ,0 " "0ˢ , 06ˢ 40ˢ ,060 1ˢ .ˢ $ 160 6.*6 + -ˢ 414 *.ˢ ."0*+8ˢ 6. - 0*ˢ
,/0 - 5"+ -ˢ . - ˢ :0 6+8ˢ .401ˢ ,1* 60 *.6+8ˢ 0 6ˢ +6ˢ .2ˢ01 0 9ˢ *1 516+0 6ˢ 50 ?ˢ
,+" .3+0ˢ - 0*60ˢ *ˢ - 2 2+ -ˢ9 .: " - + -ˢ *, 40 6ˢ 0/ˢ 3+1ˢ51 6ˢ - 0* 0 -ˢ 40,0 " 6
/ˢ01 + -ˢ ,1*6,*6 1* 2+8ˢ $1" 6 ,ˢ *1 - 0*ˢ 1 9 *0 -ˢ 7.2+ 6ˢ 3+14ˢ51 60.ˢ .4 1* 8ˢ
+6ˢ ,6ˢ .ˢ 04 6 1 8ˢ 09 . + -ˢ 5. 6 + -ˢ 06ˢ 5.48ˢ 6+4 1 68ˢ .66 2+6. - ˢ 8ˢ + 1ˢ06ˢ
."18ˢ * + 3+. -ˢ $ 16(6.*6 + -ˢ4144*. -ˢ 5 1 0 18ˢ . - 5"0/+8ˢ 0 6ˢ . *ˢ E+" 0" - +8ˢ
0 6 .*4 +8ˢ& ""0 - 1 8ˢ" 20""1 * .ˢ +55" 0+ -ˢ - .9 60 ˢA1 0 6 . 4 ˢ561,.* ?ˢ
,0 6. ˢ06ˢ 51 60.ˢ ,. 4 7 8ˢ "+8ˢ 71 - 1ˢ61*+8ˢ .ˢ"20 ."8ˢ *+"" 3+0ˢ *<+)8ˢ* - ˢ
- 8ˢ .ˢ2 J0 91*0ˢ ""1 ,. 8ˢ 500+* .M"51" .6+8ˢ06ˢ *60 04+8ˢ0 2ˢ A.,12+8ˢ 60 -ˢ
1" . 4+8ˢ 0* .61ˢ $. "0* 68ˢ 06ˢ ., ˢ,1""09ˢ 14."8ˢ 40ˢ ,060 2ˢ71 - 1ˢ *3+ 06+8ˢ
06ˢ /1 +8ˢ ,6ˢ $. "0* 2+8ˢ Y ,0*6+ 1* 2+8ˢ * 0 6+8ˢ ,+ -ˢ ."3+16ˢ 4 08ˢ *ˢ . - ,ˢ
.,0 416 8ˢ 41 - 1ˢ ". - "06ˢ 9. +".0ˢ .*, "".0ˢ 5 14 6 1*0ˢ .9* 6+8 ˢ6.*40 -ˢ 7ˢ ,.ˢ
1 . -ˢ - .*+8ˢ 6 .4 6+8ˢ 0 6ˢ 06ˢ .ˢ #ˢ +, . 1ˢ3+14. -ˢ + ,0ˢ 710ˢ " ˢ*2 - 0*ˢ
51 63+. -ˢ ." 3+.*64ˢ 60 6 51 0ˢ : *41ˢ *60ˢ 50 -ˢ .0ˢ - 06+ -ˢ ""+ + -ˢ 0 6ˢ ,.5 60ˢ
6 .*4.6+8ˢ + -ˢ 71 - *0 - :0 0ˢ 6 +,0ˢ4 9*+ -ˢ .05 +8ˢ,+ - 74 1 0ˢ : 4ˢ06ˢ.+4 :ˢ
- - .*ˢ :0 .* .ˢ <.4.*60 - ˢ ,+ -ˢ7+4) -ˢ2 .47 + -ˢ0/060 06ˢ 71,ˢ 0ˢ , , , ,ˢ . - 5" +8ˢ
71 - *08ˢ *ˢ " .ˢ".7 0*. - .4. "0ˢ $1 60.ˢ 0+ˢ 510* 60*6 .ˢ 4+4+8ˢ :0ˢ,1* 40*6 .ˢ
60 0*60ˢ , " , + -ˢ + 6 5 6ˢ 06ˢ .6ˢ ,1* 504+*ˢ 71 - *+ -ˢ 616ˢ 72 - , 4 8ˢ * . - 8ˢ
+90 06ˢ .*.,71 06.0ˢ: 6. -ˢ5 1 6 "+8ˢ *ˢ 1 6+4 *0*6ˢ ,1730 6ˢ< +2ˢ6. - 0*ˢ 0 *. -ˢ
*.6+ . -ˢ 40 ,0 0ˢ *1*ˢ 51 + 6ˢ 7 8ˢ51 6 0 * 8ˢ20"" 8ˢ .0,+ 6+8ˢ .,ˢ5.0*0ˢ ,1*: 4+8ˢ
* 6 61 0 -ˢ ,"9. - ˢ 3+ˢ *0,0 " 6.60ˢ 41 - 5+" +8ˢ .4ˢ 0<+8ˢ,0"". -ˢ 4 :0 60 .6ˢ 150ˢ - ˢ
" + -ˢ +ˢ 71 - *+ -ˢ <+9+". "0\ˢ 0* 3+0ˢ $06 +8ˢ 2ˢ (." 04.ˢ 5 . - 8ˢ 06ˢ & , ˢ *ˢ
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6 2+ 516+ 0 :0 03+0 "+51 1:0 - ,1 - - ". - 04 .2 0*6 . 1 - 1 .*6 .6 8
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3+13+0 : 6. *4 , - *0 + 6 3+14 8 1 - 1 .*6 8 31*<+*4+8 06 E+ .* 8 5. 6 2+8
- * - 0 .44 4+8 0 "06 1*+8 * . - . - 0*6. 1 ,+ - 2 12 0.*40 - ,. . -
6 * 0 06 4 04 8 4+.2+8 ,1"+2 8 ,1*6 . + 20 - 0 - +* :0 .6 4+ - 5"02 8 06 0?
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6+*.0 20*0 41 0:. 0 0 A1.**08 (.*,.+ - 1*6 +8 (.* 1 - .* +8 ń +9 +8
,1 - 16 +8 <+* 1 06 5.+, ." A.,12+8 # + "2" +8 , 0 +8 *61* .6 8
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20*0 , 1 52 6 418 60*0 0*6 3+. * 0 - * - 0 50 +. ." +*6 E+" 0" - +8
"6. - 0 +8 J0 :., +8 0.*40 - 9 .6 . - J .*, ,1 1* * 1 - 506 . 0 . 090
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- 6 9.2 6 .*6 B &0C * 1 1*1 .6 ?(.2.+4 & "". - . ,7 1* 8 * .4+ , 8
"09.61 71 - * 0/ 5 1: *, ." *12 " 6.60 1 6 04 3+0 * 0 *. *.6+ . 5"0 3+0
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*60 :0*6+ ,1 - 51* 7.40*+8 516+0 .*6 + - 0<*0 R 8 9 6+ * ""1 6+ - +"6+
12:0 .*60 +2 3+0 .*60 1,+"18 - 1 6." .4 0/6 0 - . 0 ,1 - 51*406 0 .4 8 +2 61
1 2+8 &0C * +8 ,+ < * .4+ ,18 5 1 ," ,0*4 +2 4 . 090 *0916 + - 4.6+ -
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- 1 ,, 6+8 5 1 6 .61 7+ - ,1 51 0 4 : *. - - 0 ,1 4 . - - 5"1 . 06 &0C * +8
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- 0 8 4 : 6 06: 6+8 6+. 0 - 50 4 9*3 - 7 : 0 6 ,+ - 3+. .03+.61 50 , "1
0/50 0 .20 9 6+ : 6. . 01 20*0 , 1 0 :.6. - 6 2 3+0 , 50 +.40
6. * - 0 .4 ,1*60*6 1*0X 1 6 .8 - 1 0 60 *12 "08 0,0561 4 - 074.8 5. .6+ -
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:1"+*6.8 .4:0 +8 60 &0C * . - 5" +8 ,1* 6.*6 1 - * . 7.0, 3+.0 ,1*6 . 60 5. .6.
7.202. - 0,0*60 20*0 , 1 6+1 - 7 0 5+ 6 5 .8 * - , 6 .8 6. * 90*0 1 1
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ˢ 40201ˢ 06ˢ : 6+60 - <ˢ 3+. * ˢ *ˢ - 0ˢ ".+4.8ˢ ˢ 3+.ˢ 0 6ˢ . 2 6 1ˢ 6+1ˢ 0/50*40 0
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+4+8ˢ .5+4ˢ - 0ˢ 0 6ˢ +6ˢ 3+U - ˢ 0,1*, " .2 "ˢ .*60ˢ 14 1ˢ 5 1 0,+6+8ˢ +0 . - ˢ 6. *
""+ 6 ˢ 9 .6 .ˢ 12 6 <4+8ˢ 1 - * ˢ 40 *,058ˢ :0*0 .6 1*0ˢ 06ˢ 1 , 1ˢ - 7ˢ ,1"0*4+ - ˢ 0/ 6
- 0 - ˢ G+ 2+8ˢ 4 4 8ˢ 0*0 +8ˢ ,+ - ˢ *ˢ . - 5"0/ +8ˢ +0 06ˢ &0C * +8ˢ 5 6 * . - ˢ *
:+"6+ˢ 61 : 6.60 - ˢ 0 : 8ˢ - ,1ˢ * - ,13+0ˢ . 6ˢ - 0ˢ + 6ˢ " 206ˢ +60 0ˢ)ˢ * . - ˢ +6 +"3+0
6 2ˢ 156 1ˢ - 01ˢ 20*0 ,1ˢ 4.6.ˢ 0 6ˢ ˢ ˢ 6.6 - 3+0ˢ *1* ˢ 0/504.61ˢ 0"51* 1ˢ ,.",. .
.44 6ˢ 0" 4 1ˢ . 6+ ,1*,<ˢ 3+1ˢ 0*0 +8ˢ :04+8ˢ :8*0 .6ˢ ˢ 3+0 - ˢ .ˢ 0*0 1ˢ 1 6 , 1 0
0 - "+ - ?ˢ *+*3+. - ˢ 0, 50 ˢ :1"+ 6ˢ 0ˢ &0C *N 8ˢ ." 3+.*61ˢ 60 - 51 0ˢ 51""ˢ 09 0
9 . - ˢ *ˢ # :1* .0ˢ .4+ ,1 - - ˢ 40 0* 1*0ˢ .4:0 +8ˢ .:. + - ˢ 150 .*.ˢ *.:.: 6
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04ˢ 5" 8ˢ #06 . - ˢ 0/504 6 1* 8ˢ 4+, 2+8ˢ 50 +. + - ˢ + 6;ˢ * "ˢ &0C * 1ˢ 5 +8ˢ 1,, 1
+ 20 - ,.5ˢ *1*516+ %0ˢ 0*0 ˢ "1*90ˢ 0" , 1ˢ + 6ˢ *ˢ + 6 *0*4.ˢ A ; 0 - +
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1,,.""1*0 - ˢ 5 .02+ "%0ˢ 04 6+
ˢ ˢ + 0 - ˢ 0401ˢ *ˢ 3+.ˢ Uˢ 4+1ˢ - "" ., 60 ˢ ?01ˢ 4 0ˢ 1,, .ˢ (+2ˢ :0 50 . - ˢ
09 1ˢ 5 .0,1* 1ˢ .4ˢ 6+(.6+* ˢ ,".*91 0 - ˢ 04 , 6< ˢ + 6 +*+ 3+ 3+0ˢ 41 - - ; ˢ 0ˢ 0ˢ Lˢ
,5. ˢ *0,ˢ ,+ 3+. - ˢ *40ˢ 5040 - ˢ 0 0 0ˢ .8ˢ 6ˢ ' 6.*6+ - ˢ 09 .,ˢ ,+ 614 .0ˢ 06ˢ 40,+ ˢ ˢ
5* 2+8ˢ ,+ - ˢ + 8ˢ 03+ 6+ - 6+ - 850 + 20 - ˢ - ,040 04 ,,.6ˢ .44 6. ,.5 6 8ˢ 510*.ˢ
,1*6 .ˢ 018ˢ 3+ ˢ *1*ˢ 1260 - 50 . 0*6ˢ <ˢ 6.ˢ ,+ - ˢ * 8ˢ ,.04 258ˢ 06ˢ .5 * 8ˢ - 51 6+8ˢ
.040 06+ ˢ * 1 4 0ˢ * 03 0*6ˢ U6ˢ 4 02+8ˢ 03+0*6 2+8 0.40 - ˢ ".* 0*.ˢ ., ˢ 5 .04.*4ˢ
" ,0*6 .ˢ ,1*6 *+.: 6 ˢ 0/ˢ 0140 - ˢ 4 0ˢ :0ˢ .6 1, 6.60ˢ .4 ˢ 60 6+8ˢ :0ˢ *: 4 . - ˢ
- 06+0*8ˢ " 60 8ˢ .4ˢ 5 1: *, . + - ˢ 5 .0 0418ˢ 4.6 8ˢ 0<+8# *: 4 . - ˢ *ˢ E+ .*18ˢ 0ˢ
< , 6ˢ * 0 1ˢ 0ˢ .,ˢ *1"0360ˢ 04 6 1*0 - ˢ 0/1 6.*6ˢ 4 4 6.*8ˢ 5 18ˢ * - + - ˢ ,+ - ˢ
405 070*4 60*6ˢ . . ,18?ˢ .,ˢ ,1* .*9+ *018ˢ 3" * ˢ 3+0 - ˢ I,19*.6+ - ˢ "+* - ˢ .47+,ˢ
:1, .2.6ˢ :+"*+8ˢ 0ˢ * " 4+ - ˢ +", 0ˢ 6.6+ " 0ˢ +6ˢ ""1Nˢ .*60:0 60 0*6ˢ 6.*6. - ˢ *1ˢ
2 " + - ˢ 06ˢ $. 0* + - ˢ - .* - .ˢ ,5*46 0<ˢ 01 6+ 3+0ˢ 15 ˢ 5 .0 4 . 18ˢ - "608ˢ
3+18ˢ 5 0ˢ 5" * 1ˢ .66 2+0 .6ˢ 155 0 "0ˢ 06ˢ 1" * + - ˢ .,ˢ 3+163+16ˢ 0/ˢ 0<+8ˢ *0ˢ
,0 ". 8ˢ 12 : 18ˢ 7.2+0 +*6ˢ 6 +, 4. 0 6.*613+0ˢ) (0ˢ .,ˢ ; ˢ 50ˢ 0"< 3+.8ˢ + 2 8ˢ 5. 60 8ˢ
, / 0 - 5"+ - ˢ 9 . .6+ - ˢ 0"%0ˢ +6ˢ 0 - 04 + - ˢ 3+."0ˢ 156.2.6+ ˢ *ˢ 60 - 51 0ˢ .47 20 <"
*1*ˢ 516+0 6ˢ ' *+*,ˢ 6.*40 - ˢ 04 6 1*0 - ˢ 04.6. - ˢ 5 1560ˢ :06 08ˢ *60ˢ 4 .8ˢ .ˢ
- " .8ˢ - +"6.608ˢ ,1*, 6.6. - ˢ 3+14ˢ ,+*6ˢ 5 .060ˢ ;1"+*6.60 - ˢ +. - ˢ .,1 40 6ˢ :0""0ˢ
+6ˢ 1 - *08ˢ *60"" 9.*6ˢ *1*ˢ 5 1560 0.ˢ 04 4+ - ˢ *+50ˢ .4+ - ˢ +"".ˢ 0/ˢ 5. 60ˢ : 1".6+ - ˢ
,"%08ˢ 3+ * - 1ˢ - .*4.60ˢ +6ˢ +2 3+0I 0" 9 2 0ˢ 12 0 :06+ ˢ ' 4 " 90*60 3+0ˢ ,.:0.*6ˢ
5 .0 04 ˢ *0ˢ *ˢ ." 8ˢ + 2 2+9ˢ - +6+.0ˢ ,.0408ˢ 0/ˢ 0.ˢ 1,,. 1*0ˢ 50 506 0*6+ ˢ *03+0ˢ
." ˢ *ˢ ." 18ˢ . - .ˢ ,.5 .*6ˢ 04ˢ 3+ 3+0ˢ 41 - ˢ *ˢ .9 1 ˢ 06ˢ + 2 2+8ˢ 3+ 0 ,.6ˢ .ˢ :ˢ
.2 6 *0.6ˢ 510*.ˢ ,.5 6 8ˢ *ˢ 018ˢ 3+ ˢ *1*ˢ 5. ,+4 *6ˢ Iˢ .*, 6 ˢ / 6 0 - 8ˢ " 60 8ˢ .44 6.ˢ
0 .+6ˢ 7.0,ˢ :0 2. ˢ 0 ,ˢ :0 1r 6 - ˢ ,+ - ˢ .6 0ˢ - 01ˢ .:. 1ˢ 06ˢ 1*4.01ˢ ,1* 1ˢ
2 *1ˢ 5. .6 8ˢ ,+ - ˢ 5 8ˢ 0< 40 - ˢ 1 6+*.0ˢ 4 0 - 0*ˢ +2 0ˢ <+ 40 - ˢ. 9+ - 0*6ˢ
" 60 . 2ˢ . 09 * .ˢ 0140 - ˢ 4 0ˢ , 56.,ˢ *1*ˢ 1"+ - Ⅱ50ˢ 09*+ - ˢ 04ˢ .4? 0 :06 1 + - ˢ
,1 - 6 .ˢ - "" 6.6.0ˢ 06ˢ 09 1ˢ - .*4.6+ˢ 50ˢ *9" . - ˢ .,ˢ 4 :0 8ˢ " 1, 8ˢ *ˢ E0 - .* .ˢ
5. .0ˢ $1 6 4 0ˢ ,1* *+.6.0ˢ ,.0408ˢ .,ˢ .5 *.0ˢ <$06 +8ˢ ˢ $". , +8ˢ , ; .0ˢ :04 9." + -
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Q ˢ ˢ ˢ % ˢ #01ˢ 4 0ˢ .4ˢ 4+1ˢ - "" .ˢ 71 - ˢ /ˢ - +"6.608ˢ :060 08ˢ *60ˢ 4+.8ˢ 0 - " .8ˢ <. - 5 40 - ˢ
*+ - ˢ 1, ˢ ˢ *.6.8 ,1*, 6.6. - ˢ $ ˢ
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.+ + - - . - ,7.0" 3+ 4. - *1 - *0 1 4 *+ - 4+41 5 4 0 0 - +*/0 .6 150
.2." 6. 1 + - 0 . , 0""1 0 - 1*6 1 (0*0 , .01 56 U 7. 1* 1 - 0 , .61 + -
5 .0 0 61 .66 2+61 + - 0 . 5"02 8 + 1 0 40 0*40 .6 (0*0 , .0+8 8 *+50 . 090
+ 04+8 0 .6 * "13+ - **1,0*6 % 50 1*60 +4 - .9* 71 5 6 5 . ,51" 6
+2 3+1 5 .0 04+ . " . ,+<+8 <+ 4 4 1 . *60. 6.36+ - .4 : "0 8 ; 06 7+ - "0 8
50 1*.8 * ,1 - 6.6+ 09 1 50 6 *02.6 40 *,058 06 . - .4 *12 "0 8 06 0. 1 - * .
3+.0 .4 U - .9 6 + - 06 6 2+*08 03+ 6+ - 504.*6 51 9 ,105 6 8 5 - +8 - .9*(
5 .051 6 *1 - 0* - 0 + 6 - +"6+ - 0 - 0*6 2+8 "" 8 3+ 3+.*6+ - 0 506 ""18
6 6+"18 . , ,040 06 6. *6+ - <+ < 4 4 1* + .0 40.0 00 0 ,1*3+0 02. *6+ A+ 4 4 1
" . .4 1 . - 5". 51"" 1*60 +4 ?40 ,0" . - ." 3+.*61 60 - 51 0 ,0 . :0 .6< 3+.*6
40 - +6 0/ * (0*0 , .0+ - T2 " .0 *12 " 6.60 - 06< . . - .5+4 *18 * 71 - *0
- " 6. 414 * . - ,1*6+" 6 9 6+ (0*0 , .0+8 ,+ - ? .4 $". , + - . 090 7. , 40
:0* 06 4 ,0 063+0 090 - 3+.*6+ - : 8 4, , 0: " 06 1 - *0 8 .4 *+ * $ 160 6.*60 8
.4 *60 *0, 1*0 - 40"0 0 +6 *1* < +50 0"%06 3+ - *90 06 .4 5. 060 - 6. - 0*
0 - +"6 8 40 , .+ 8 : 6. - ,1*41*. 0 :1"+ 0 . , 0 - "%0 +6 5 + - .4 5. . -
404+,0 06 * . - ,+9< 0 0/ ,1 - +"6. 4 00 0 40 $ 160 6.*6 + - 02+8 3+.0 +.
*60 " 6 0 0 %+ * $". , +8 0 0/ ,+ . 0 06 5.+,1 + - 4 0 + . 4+ - 5"02 8 + 1
40 0 :0 06 5.6 + - " 2 5060 0< *60 - + 614 . 3+. 0/ : "06 60*0 66+ 1*6 .
(0*0 , .0+8 3+ 6."0 - . *4.6+ - . 09 * . 7.20 06 * " . 0 +6 *0 - 1 . - 50 1
5. 0.6 0 3+0$0C1 : + 8 +*+8 0/ 5 .0, 5+ 04 6 1* 8 4+, 2+8 0,+ 6.6 8 +6
. 02.6 * .@ 8 , .+ . .66 2+6+8 . +1 ""0 50 * 4 .8 * 01 + - - .*+8 6 .4 6+8
- +"13+0 3+1&0702.6 - 406+ 2.6+8 5+9 1*+ . 4 2+8 ,1* 14 6+ 1 5+8 6 .4+ -
06 *N 6.26 6+ - .04 + - 5+2" , . + - .2<04+ - 1 - +8 - 1/ 0<+8 +/1 0 5 1 +9.
06) 20 8 7+0)"+, 5.".*6 2+8 .4 4 056 1< 0 - 50 6 <4++ - 5.6 6 *60 04
- 1+ *8 3+14 20"" 60 - 51 0 50 .2 0*6 . - "" +8 0/0 ,+0 .6 (6057.*+8 +0"" +8
71 - 1 .4 1 +8 06 .*9+ *. <+8 33 3+0 50 ,+" 1 08 * $". , , .5+6 +21 *.""0 0 0
402.6+ . 090 - 506 . : 6 L L
< .0: 6 . +2 3+0 9 . . *60 ,+ - 5 .060 2" 6 - * - .9*. ,10" 0 ,
* 6.8 0 "06 , . 6 *, 4 6 3+G - +- * - 14+ - 5"02 8 0 0 .6.0 . * - * ". - - .6
+*6< 1/ ; . , . *67. 3+14 +2 90*+8 ; +"91 ."2+ - "5 *. .?;10. *6 * (. *43 + -
**1,0*6 + - ,10 - 060 T :0 " 3*63 3+14 ." 3+.*41 ,1*6 *9 6 ,+ - 5.6+ . 40
, 0*60 * 01 5". *6. 0 6H56 50* 6+8 0/ . 0 , .6 :0 .3+. 605 4. .2 - 51 61 2+8
* + . ." 0*1 60 - 51 0 "5 0 - . 660*60 G+.0 1 - * . .4 1 +1 + 1 2". *
4 0*608 .4 0+ - 7 8 *4 0 8 3+.0 5.6 . 0*6+ 62" 9 .6. 0 0 9* , . *60 - 0 0 02. *6
6.3+0 06 ,10"+ - 0/+"6.2+*4+ - $ 160 6.*6 + - ". * 0*. - . 5 ,0 0 . 02 6 06
A. ,12+8 ? . 50*6. +8 "". - "+,0 - .4 - 0* 0 - .""+40*8 ? +9+ 6. - 0 561 04 61
405 .04 , . : 6 9 6+ 04 6 1 0 .4 0 61 0 ,0*6 8 +2 `. - . - ,1*,+ + .41 ". 06 6 .
*90*6 : 6+".2+*4 0/) 02. *6 3+. - 06 * 1" 61 6; - 5. *1 + - 50 + 20 - 5+" +
- 50 .61 ! * . - 71, "" 8 6+ *) ,02.6@ 6 . - 60 6.6 +*6 ' ,3+0 4 *60 5 06.2. *6+
3+. 40"06 8 $ 160 6.*6 2+8 .672" , . 0" 9 1 E."" .0 09*+ - 5 6 *+ - 5"0*
41 0 - . , "1 0 - 0,+50 .6+6+ - 0 06 1*6 . $ 160 6.* 08 4 " 0 02. *6 06 3+ 40 -
4 - . , . "1 405+6.*4+ - 0 06 71, 69*1 51 60*4 4 ,02. *6 3+. - : 8 01 :66"*0 0
5". *0 0/6 *4. 0, ,"0 . : 40 063 +6+ + - 6. - 0* +6 .4 - .2 " 06 * ,1 - 5 070* .
71 - * 2+8 .6 *0 + +8 .04 : : 0<("G 0 , .6 G+14 06 . - 0/0 - 5"1 ,1 - - 1* 6 .6
1"" * +21 - . , +" ,1* - .2. *6 3+ " ,06 * ". - - .6+8 - * - 0 ,1* + - 02.6+
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& % ? . 1* 1 i D 1* 6 1" 0/ '] $
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4402.*6'06'4 , '51"%0'.4' - *4,0*6 .0',1 - - 0*4.6 1*0 - '516 +8'3+. - '.4'".* 0*.0' " '
.55 12.6 1*0 - ' 4' 50 6 *+ "0' 3+ 550' ,+ - ' 5 *.' *' "1,1' .2' **1,0*6 2+8' 40*1' ' '
- *.61'0 "1 - "%06' 140 - '4 0'0/' 09 ',1 51 8'8+ 614 .'40R4 '.'E. 5. 0# . 6 01'
.*,.01' 09 8' - .*4.6+ ' 0"" 1*0 - '.4' +5. - ' - 66+*6+ ' 3+' 1" * ' +/1 0 - '
"20 18' *40"16' 60 - ' "18' ,1 - 5 070*4.*6' : 0 + - ' J .*, 0+8' - .<1 ' *.6+' 1B
"* ' "+8' 06'& 4+8', .:."" +8' *40"16' 60 ' - .<1 ' *.6+' "+8' +9.'<. - ' 2',1* +'
"+0 .*6' 0" 3+ ',.56 '06',+ - '1 - * '5 06 1 .' +50""04 "0' +606 . - '50 4+4"' +*6
' # ' 09 8' 0 .6' - +".,' 1" * ' .0' 03+., + - '0.0408'5.6 .6.'0 "06'
+6' E+ " .*',1* 0 6 * ' + 20' 0/,040 0*6' 06' *' +.8' 3+ 3 "0' 41 - 08' ,1*,040 0*6' '
3+1 - .9 8' *40' 3+ 43+ 4' +606 .0' .4 + - '0 "06' 4' .2 5 1 + - ' .4 1*0' 5 1 04+ - '
",'1 - * 2+8' **160 ,0 06' &0 + - ' 09 *.'06' ' *4; +8'5 .0, 5+0'3+' * 5160*6'
.:1 ,' *' E+ ")'5. 608' 5 150*402.*6' *60 ,0"%0 0K' 3+' 090 - ' ,1*6 .' 1" * . - #'
1"+ - ' ' * 6 1' .* - .6+ - <' *1*4+ - ' 0 " ,06' +9.0' U' 0"40*" 8' 12" 6+ - ' ,+ - ' * 6 1'
*+6.*60 - ' 6.*40 - ' 06 . - ' .4' 1 - * + - ' $ 160 6.*6 + .' 3+' *' + 20' 0 .*6' ,.040 - '
- 5+" "%0*6' 3+. " 50' 9 .4+8' 9*. + - ' 3+1' 5040 - ' 90 06' 01' 404+/0 +*6' 3+1'
E+ " - 18' + 6 *0*4.0'6.*6.0' *: 4 . - ' - 5. 08' +2"0:. 0*6' +6'0. *' *' 0' 40 :. 06'
013+0' ,1*""" 1' *4 *+8' "6, .8' 0/' ,1 - 5.41' 5 16+" 6' *60.' 0 * .'%0" * ' +6'
.02.6' 050 6.8' ' 1 - 3 .*6')..*+' R 56.8' 3+ 2+8' ""0' 51 6' :+"*+8' 1" * 1' *'
"4+ - ' 0' *<+ . - '7.*0' *' .+41 08' 3+' - * - 0'? 9*1 . 0*6+ ' .,' ' 2' 5 '
"".6.'0 "06' 40 - ' .* - 8' +" + + - ' ,1* - .2.6' *40' 1,." 1*0' + - 56.[illegible] 09 *.'
06' *(*+8' 09 ' 40 - 1* 6 .*6' 01' "1, ' 08 0 "0' +6' ' *' 5 1 0' 4 " - +".6 1*0' 50 '
0:0 06' 09* ' 0,+ 6.60 * 1 6+*.8' 1508' 0 0/ " - . 1*0 - * - .* 0 6+ - '4 0 - 0*'
9#' :1,.6+ +8' ' *. - ' E+ .*18' 3+' 40' .3 - 4' 1 - 1 .*6 ' 0/' 8' " [illegible]60 8' 06' ." +*40'
,19*1:0 *6' 71 - *08' 50' , 6+ 2. + 7' .: 418' 06' 0. + - ' ,.+ .8' 0/' 3+.,+*3+0'
5,,. 1*0' .+,+5.*60 8' . *.' 3+.0' 09 8' <+ "+' .4' * 0 0*4. - ' *<+ . - ' + - 5 0 * '
*+*3+. - ' 5176+ 18<' ,.3+0' 5 :.6.0' ."+6 8' 6+6.*4.0' 3+. - ' .2' * - , 8' 506' 4 ,+*6'
1260*6+I 0 - 50 ' 060*6+ 18?' 06' .' 3) 4' 20"" ' +*0 6 - ' 8I5)6.2.6+ ' "1*9,'
5 ,+"1" 1 8' ". 6 + - ' 1 T' *.*'\$ 160 6.*6 + - ' 3+1 + - ' 08' .0, U' 0 - 0*6'
0" 3+ .8' .4' 1 71 .*" .*18' 50' 0' :." 418' 5 1,+"4+2 1' 0' .99 09.6+ .8' 06' *40'
& 08' .0' *1:+ - ' 12+' 0 + - 56+ .8<' 3+24"6' ,1*6 *9.6' 3+. - ' 09*' ., 0 - ' 1 0'
2' 5 061' .,' ,.",.61' 49 .0' - .<0 6.6 8' *1 - *0 ' <+8' ""2' 3+ 3+0' 4 ,06' 06' 5 :.6 8'
14 8' .63+0' . "J04 2+8' .4' " 2 4 *0 - ' *4+"9 2 'N g@0*"3+0' 3) 4' 5 <*, 508' 0/60 *18'
40' 090' 0/ 6 - .6+ 18' 3+' 0' .' + 8' ,19' 5.6 .6) ' 3+' +18' *' 1 , 1' ,1*6 *0 0'
*1*51 6' 3+ '40* 3+0' "09 6 - .0' 5164*6 .0' .0*) - ' - 240 . ' *0 0 .6' N 9 6+ 6.*6'
- ." 5 .0:0 60*4 '*1*'." . - '0 "0' .6 4*0 - ' 3+. - ' ' 0/ '3+.0' .4.'" *6' 6.*3+. - ' +1'
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+ - .*6' 0 - 1 .6+%) * ' 06' 51 6 0 - 1' 0 J04+ + - ' +6' $ 160 6.*6 + - ' 08' <. - ' . 4.0'
.',.+ .' 1 - 1 .*6 .*) - ' 05. 0*6+ ' 0' :0 1' *: 4 . - ' 0/6 * 4",0 0' 090 - ' *1*'
4020 0' * . - ' *' .6 146.60' .4 ' ,+<+8' 14 4 - ' 0/,+ .6 1*0' ." 3+.' "0* ' 51 6'
6.*6+ - ' 50 ,+" ' *1*' +20 "0' 3+.*6+ - ' *' * - 6.6 8' 06' - 5160*6 .0' ,1* 0 " 1*0'
3+.0' ,1*60"756+ - ' 5 *, 5 2+8' 0 0' 0/ 6 1 + - ' *0,0"%. 1' 0,+ - ' 6 .7.6' 8' . '
6 1* 2+8' 5 *, 5' - 50 1 ' 3+' - *+8' 24 + - '\3+. - ' ,1*60 - 56+ - ' 0 1?* 4. 06'
., "0' 50 +.40*6@' 3+1' E+ .*18' .4' 12 03+ + - ' 0:1,. 06' 06' 1 - 1 .*6 .*1(' *' 40'
06 *0 06' +6' 5+2" ,1' 6 0 6 - 1* 1' 3+ 3+ 4' .4+ - 0 06' 4' :1"+*6. ' +4' .,' - .*4.6+'
. 6+ - ' ,4* *. 06' 6.370' - .*0' 7 ,' 0 6' . 6 8' 4 0' ,+ - ' .6 2+8' .:. 1'
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5+2" ,.0' 6 .*3+ "" 6.6' ,1*4 6 8' 5., 8' 04 6 8' ,1*41*. 0' . 02.6' 1" * + - ' :0 1'
0' 3+ 4' .4' !7+ - ' ,0"+8' 0" 3+' .,0 06' 06 . - ' ,1<+ .6 1*0 - ' 40' 0' - .6 0' .'
6 2+8' 06' .:. 1' 5 1' 3+. - : 8' 0.*40 - ' 0" 9 1*0 - ' 5 1 0 1' 40"0*4 8' * "0'
+6' 1*4.0+ - ' .41"0 ,0*60 - ' 090 - ' , 0. 06' 3+0 *' 06' 5 +*' 51 60.' *60 ,0 0' 40'
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06' +6' *' 0/6 0 - 8' 50 ,+" 8' 0/6<0 - .' 0 - 04 .' .47 2+ " 0' +6' - 5+ . - ' "". - ' ,1*6. '
9 1*0*' 0/' 09*' : 00 2+8' 0/6 5. 06' 1 - *08' 9 6+' *60"" 90 0*6' 3+ ,3+ 4' "".'
4 0' +55" , 1' 40' - " 2+8' + - 561' . 6+ - ' 0 06' +1' 4' - 50 1' 06' - .*4.6+' . 6+ - '
0 0' G+ 2+8' 4 4 8' 7 61571 +8' %7+.*+8' 5 - . +8' 5 .0 08' 60 - 51 ' .,,1 - - 1'
4.6.' 1 .6 1*0' 09 8' 5 +40*6 . - ' ".+4.; 6' 3+' 4 "" - +".6 8' 616' *<+ 8' ,1*<+ .6 1*'
*0 . .0' 06' 50 ,+"1' .2' 0.' - 50*40*6' - .6+ 0' 5 .0:0 6 " 06' 06' 0.' 4< 5 0 ' *+50'
5.,0 - *' 09*1' ,1* 6 6+ "%06' +41: ,' / ' 051 61' 4 40 1' G+' *0 0 6' 4 " - +". 0'
0 0 6' 09. 0' %+ *' ,+ .0' - .*4.6+ - ' +6' 40' " .' 1" * ' ,1* , 1 + - 3+0' ,1*'
<+ .6 1*0' 3+.0 6 1*0*.' *,0" .*60 ' 7.20 06' 06' <+/6.' <+ 8' .,' "09+ - ' 1 - +". - ' 5 1'
0' 9 .: 6.60' 40,0 *0 06' $9 6 0 - 1' & 4+8' ' J.20 ' $ 2 ., +8' 0' 5.6 1*+8' + 90*8'
.' 090' 506 6' :0" 6*0' .,' <+20.6' 7.*,' 4 ,". .6 1*0*' *' 5+2" ,.' ,+ .0' .4.' .4' ,1*'
0 :.*4. - ' 0' - 0 - 1 . - ' 0 0 ' ., + - ' 4 *0 - ' 06' <+4 , . - *' 40' ,+< 68' 40'
5 .:.6 1*0' *+50' ,1*3+0 6+8' 6' 0 - 0*4. ' .,' 51 6 0 - 1' 04 , ' +6' ,.04 2+8' 06'
.5 * 8' * 8' +1' - .*4.6+' - 51*.6+ ' 4' 7.0,' 0/' 5 *+ - ' 0' ,.5+6' <+20 0'
0"51*406k' 40' ."60 1' 0' ,+ .6+ + - ' < .4' 60 6 + - ' 5+2" ,1' 5 .0,1* 1' 50 ' 1 - * .'
+ 2 8' ,1 - 5 6.' 04 , ' - .*4.6' +6' .' ,.04 2+8' .,' .5 * 8' *' 51 60 + - ' .2 6 *046+ ' .'
09 8' 40,". .6 1' - +"618' .661* 618' 7.2+ 6' 5 - 3+0' %7+.*+ - ' *5 - 8' : + - ' - 6'
90 1' 06' .' .*9+ *0' 17 - *1' ." 0*+ - ' 0/0 - 5"+ - ' " ,06' 06' 50 ,+"+ - ' 0/' 0.'
- 50*4, *8' :9 6+ - ' 3+' 06' 3+.' 0 .6' .* - ' " 2 0 6.60' *' . 0.*1' 090 - ' *, 05+ 6'
3+14' ' 3+ 40 - ' :0 .' 0 06' ,1*<+ .6 1' .' 1" * 1' 06' + 8' * 6.' *1*' <+ 0' 516 +8' - '
8' +6' - ."+ 06' 0 60' 5 0' 616.' : 6.' (.*2. 671"1 - .0. - ' 4 0 - ' 4060 6.6+8' 0 6' ""18'
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+6' 516 +8' .56.61' .4' 60 - 5+8' 06' "1,+ - ' 0 51* 1' 3+. - ' 0/' .* - 1' U' .4+ - ' ".+4. ,'
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A1.**08' 2 1 : ""0 +8' 1" - ' 05 015+8' + 0" .*0* 8' 06' 3+' 05 015.6+ - ' 0<0 .:0 .6'
+6' 0' 616+*' .+".0' - .*, 5. 06' 71 - 1' ,.+61' 04' - 140 .61' ?06' .03+ 6.6 8' 5"0*1'
90 1' 06' 3+' *+*3+. - ' ,1* " ' .*9+ *. ' .+41' 0/6 6 "06' 04' ,+ - ' .4+ - '
* 04+ - ' 0440 0' *1*' 51 06' 06' *60 0 0' 0/ 6 - .6 1* 8' ' 09 .0' .,' 5+2" ,.0' 6 .*'
3+ "" 6.6 8' . 2 6 . 06+ ' +6' 0<+8' *: 4 .' 6' *1*' 1 - * *1' .21" ' 51 06' ."60 - ' ." 3+.'
.6 1*0' - 6 9. 06 *' 09' .,' 09 *.0' 50 +. 6' +6' 02+8' <. - ' ,1* + - - . 8' 3+. - : 8'
5 .051 69 1' 1 4 *0' .+41 6.60 - ' <+ 8 .47 20 06' 06' 40' ,1*<+ .6 1*0' 5 12.6 1* 2+8'
,1* 04 8' <+4 , + - ' ,1*6 . ,1* 0 18' 6+' .' "09 2+8' 5 .0 0 561' * 6 6+0 06+ ' G+14'
06' %7+.*1' 5 ' 0.' 40' 0' .' 1 : "0 1' 09 8' <+ " ' ,1* +"61' 5".,+0 .6' 4+1' 51 6'
A+2 ".0+ - ' *4 , 6+ ' 06' +55" ,.6 1*08' 03+0*6 " - 1' 515+"1' .' 090' 06' *+ - 0 1 6'
.+".' 7.20*6+ ' .4' 9 .6 .8' 01' .90*4.8' 5 1' 6. *' 0" , 60 ' 06' 0/' :161' 0' .4 - * 6 .6.

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0140* 3+0' 4 0' ,4 4"+ -' 5 1 - +"9.6+ ' 3+1' 0/' 60 6.6.6+ ' 3+ 43+ 4' 7. ,' *' 0' . , , '
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, .6 1*0' 04 4 8' 40 1906+ ' 3+ .0' ""8' 06 . - *+ - ' .6.' 0 "0' 06' .* 60' 12 0 : . ' :0" 6<
04' +6' *0 . .0' 1" * ' 06' 141 + - ' ,1*<+ .6 1* ' 12: . - ' 06 ' 6.3+,' :0""0' . ,
<+20 0' +6' 1 - *08' $ 160 6.*608' 41 - ' 5. , .60' . , 0 , +60' 2' 5" +8' 6+60". ' . , 5 .6 14* 1
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50 1 2+8' 0/' .4:0 1' 5+9*. 0' *60 5 06.6 ' " *6 ' +6 ' 3+1* . - ' 5 1560 ' 4) 1 + -
,1* , 1 08' 06' 5+2" ,18' ,1* :0*6+8' - .9* ' * 16+8' . ,' . :08' 1 J0* 1*08' 0/ , 60*6+
.' ,106 2+8' :0' 5+2" , 8' :0' 5 : .6 8 ' ,+<+ ,+*3+0' , .+ .0' 50, 0' .+6' 5 .060/6+' 7.
20 .*6+ ' *' 51 60 + - ' .2 6 *0.*6' 41*00' ." 60 ' .' 090' 40, 06+ - ' +0 6' .4<04.' *
1' 5. 0*60 8' , .5 6 8' 06' 1 6+* . + - ' . - " 1*0' ' L
' ' ' 06' - .*4.6.' 4 :0 .' 5 1' 5 .0 041 + - ' *90* 1' . ,' 4 :0 8' 09* '
.4 1* 2+8' ." 60 ' .63+,' ." 60 ' 50 ' 5 1: *4.8 ' . , ,056.' " *6' . - ' 1 - 1 .*6 . '
*1 + - ' 5. 6 2+8' .44 4 ' 0 0' 8' - 140 .60' + ' " *6' ' ." 1 + - ' .4' 3+18' , 06.' - .* '
4.6.' *1*' 0 561 ' 04' 50 ' 0 - ". 18' 4.6.' " *6 ' + - - .' *60 - 50 08' + 6 ' $. 0* 0 - '
".* 0*. - ' *' 0/0 - 5"+ - ' 6 0* 6 + - ' $ * , 5 + - ' *' ? 0"4 8' +6' 5 1/ - 1 2+8'
.4+ - ' +2 ' 0140 - ' 4 0 ' 3+1' +606 .0' 08' 90 6.' 0 6 ' , , ' . - 5" +8' *' , . ,0 08' ,1*<04 '
+0 0' .' ' 1 061 0 ' 5 1,+ .61 0 ' 71 - 70' 5 1 " 9.6 ' 5+41 8' ,+ ' 5 .0, 5+0' 150 . - '
* . : . :0 +*6' 1* ; +8' ,' 1"". *4+8' .55. 61 ' 06' 1"+ - 2+8' * . : ,+". +8' 40' 51 6 '
40 .4' 1 + - ' 3+14' 0/6 .' " 20 - ' 0 6' 6' - 506+8' ' 06' 4 ". 5 8' : 8' *' 10 - R .8'
.0: 6+ ' 3+ . + - ' .4' / / :' 1 , , ". 0 ' 3+ .04. - ' 06 . - ' .' : 1"0*6 8' , . 8' : 1". 6.0
$1 6 4 0' 51 " ' .040 8' + 5041 + - ' 5. " - ' 4 056.8' .4' : *418' 40:0* 6+ l' 3+ ' .'
1 "061' 5 1' *9 "". 6 - ' , 6.6' 6.*3+ . - ' 21:08' *' - . ,0""1' .' ". * 8' *.4.2.*6+ ' 06'
*' . , 8' 4 ". - ' 5 .0, 5 6.2.*6+ ' 5. 8' 6. - 0*' - .<1 ' 0 8' <. - ' , . 8' *' ' .6 1*. - '
+2<04+ - ' "+ - 0*' - , ' " *6' *40' : , *18' - 1*06 ' 1 "06+8 ' +6' 040' *,056.'
50 .9.*6' G +1' - *+8' 6. - 0*' D(": .*04 ' 3+ ,3+ . - ' .' 04 6 1 8' - 1:0 06 6 ' 5 .0 '
0*6 .' J ' 1 - 1 .*6 ' ' * ". 0' J .*, .T#5 .U 4 8' 3+ ' ' .*6 " .0' 2 .+4' 7 *,' "1*9,'
0 .6' 5 17 2 6+ - ' 0 6' (+ - - .' 40 *' + 0" .* ' *60 - 50 08' + 6 ' 3+14?' 0 - 0"
.63+0' 60 + - ' .' $ 160 6.*6 2+8' 1, ,+5.6+ - ' 304 8' 0:0 1 + - ' 60 - 5"1 + - ' + * 8' *'
?1,+"18' *,+ 0*6 2+8' .* - 18' 5"02 8' .4' +"6 1*0 - ' 002*6 2+8' .47+,' 14 8' *,0*402.6
6.3+0' 5 * , 5 + - ' 51 6 4 0' .' ' . - 5"0""1 1+ ""1' ,1* " . 1' 09 1' 6 3+0 - ' ' + 6 +#
"0/61 ' 04 6 1 1 + - ' 4+/' ,+ - ' ." 3+16' 0' " 8 ' 9*. + - ' 0 + - ' 3+ .0' +606 .0' . ,4 '
40 .*6 ' ,+ - ' +2' :0"50 . - ' * : "06 ' ""0' .4' ,20* . - ' . - ,18' :0 "0' .6+8' ,1* '
: : + - # 5. .6' ' 3+1' , . ' +* .561' 0 - ' +606 .0' 90 6. - ' 0*+*, .*6' - +", +0'
2+"9. - ' 51 0+ * 6 ' 3+ .' 6 .4 6. ' :0"+6' *60 ' . , .' - 0* .0' 71 5 60 - ' 126 +*, .*6 # *4,'
3+. ' 9*1' 4 .61' .4?, .040 8' 06' .5 *.8' 6161' 6 4+1' ,1*,+ .6+ - ' 0 6' ' . - 5" +8'
: ' 10 - * .0 ' 5+0 ' +6' 5+6.6+ ' 1, , <' 5. 8' *' 6' 90 - ' .2<04 ' 3+ ' 50 ' 51 '
- 10 .' + 2 8' 1, , ' +*6' *' 1 ". - ' 5 .0, 5 6.6 ' .9*.' 5 .04.' 6161' ""1' 60 - 51 0'
.2.4.' ' 06' "1,+5"08' *5 - 8' " .' $06 ' V' 1*6.+ 0 ' : ' 414 " - ' .*60' ?' 2 0** + - '
D(.*,0 .0' 0/' .* - ' - 10 1 0' 0/6 *4 ' 2 2" 1670, .' 1 - * + - ' " 2 1 + - ' ,15 .' - '
6 - 4. ' 5 .0, 5+0' - .670 - .6 , 8' E .0, 8' - .<1 0 - ' 5. 60 - ' - .*+ 0 56 8' 5 +8'
1*6.+ 0' +4 1' 0 - 0*4.6 8' 06' ""+ 6 .6 8' * 6 + - 0*6 8' 60 - ' .4' 0.8' 0 0*6 .8' . 1'
. 6 , 1' 0".21 .6 8 ' 2. 2. .' - - .* 6.60' 4 056.' 0 6 ' ? E0 91" ' 06' 3+ 4. - 1, ,
0/0 - 5"1

& ' ' ' ' #%' ?' 3+.4 0**+ -' ' ' 1' 4' '
% $ ' h .U/'] & ' . ' 0 ' :' 2' " ' 0' 4 ' ' ' :' '
' ?+ $' ' U ' ' - & ' ' > . ' 8' ' 0') $' ? ' ' A ' '
'% 0' ' > ' & ' ' ' l' ' 5 ' D ' ' \' + . ' D,
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' 0/, - 5"1' + 0" .660* + - ' 50 ' + 208 : , * .8 ' 155 4.' . ,'5.91 l' 9 . ".*60' ? *409. : '
' ' 40 - ' .4 6.6+ - ' * 6 1' 'A1' . 1* 1' :0 15. 61 0' .41 ' 3+ ' 50 ,+ "2 0' .2'
+/1 0' 5 +8' * " 6."0' +"5 , .*60' .4 - "2 ' ,+ - ' *' 71 61' 4, . - 2+". 06' , +40" 60 '
0*04+8' 0 6' ." ' 5 .060 0. ' 2 . 20+8' 1*4 .0 '6+ - .0' 03+ 6+ - ' 69* 0 '50 ,+"+ - '
+9.' 0: . 6' ' *0,' *1*' 0* .6+8' 121 0+8' 0 ."4+8' . , , 416 2+8' * 0 6+8' 3+1 + - '
- +"618' *4 9*0' .+6 ". :0 .6' 51 6, .' , .5 6." ' +55" , 1' . 04+8' ? +9+ 6121* .0'
% , ."""+ - ' 155 4. * ' 40' 3+ 2+8' 1" * +8' 5.+"1' .*60' .5+4 ' 090 - ' 3+0 6+8' 0 .6'
+2 ' 40' 6+ - +"6+' $. 60* ' . , ,050 +*6' ,+ 61408' 51 6 8' + 2 8' .551*+*6 ' *,' 3+ 8'
0". 20 06+ ' 06' ,+ - ' 'S." ' (056' + 50418' 1 - *0 8' *' , . ,0 0 - ' ,1 - 0, "0*6'
3+ *6D' 51 6' 4 0' * * .0' '&."4 .0 ' (- 57." ' % , . " + - ' 5 .0 04 ' <+ " ' .4' + *+ - '
.**08 ' $06 1' 0"" *1' * 6 9. *60 ' 3+ ' ,+ - ' 1, ,+"6 8' - . *4 .6 8 ' +6' , 0402 .6+ ' + '
606 .' *+50 ' :0*0 . ' *9+" ' 5 14+4 ' 06' .' " , . 8' - .4 .6 ' +*6 ' .63+,' *' 1 ". - ' *'
%,0 0' 5 1' 0/, . : .6. - ' 0,1*4 6 ' - 1/3+0' 4 5"1 - .' 09 + - ' 3+1 ' +6' .' , .04 2+8'
. ,' .5 * 8' .2 6 *0 06+ ' - . *4 .2 .6+ ' .' (- 57." 1 '3+ ' ""+4' . *60' , .040 .'5 .6 .6. - '
. , ,05 0' 4 ,02 .6+ ' 5+2" ,0' 5 1 - +"9.6+ - ' 0 6' I' : . , ' 6+ 9+ - ' ,+ - ' .4' 0 '
.47+,' *,0 6.0' . - . - ' 51 6.0' + 2 8' 4. + .0' + 0*6' 4 :0 6.60' " 60 . . - ' 3+ .0'
09 8' *1 - *0' - .0' +*6 ' ." 3+ . *61' 60 - 51 0' 155 4. * ' : - ' .2 6 *+0 , ' + 0418'
' , . ,0 0 - ' ,1< ,0 0' ,1*60*6 ' 41*00' 0/0 - 5"1' + 0" .*0* + - ' *, 6.6' *' : *418'
,140 - ' + 1 0' 2. , ,7 .6' + 6' J . *, 0+8' 161 . . *+8' 06' +91' ? 1*,) +8' 3+ '
<+8' , : "0' *' " .' , : 6.60' 5 1 602. *6+ ' 4 , 5+"1 + - ' +1 + - ' . ,' 5 . , , 5+0' E0 '
- . *1 + - ' 150' 5 .0 0*6 ' 50 ,+"1' 0 056' +*6 ' R 7. 6.0+ - ' .4' 90 - ' 155 4+ - '
* .' ' :0 * + - ' 2 4+1' 51 6' - 16+ - ' $. 0* 0 - ' 6+ - .' 03+ 6+ - ' +41: , ' E1* '
C.9.0 '5 .060/6+' *' . - 8 01 60*40*4 06 6 5 ,*4 . , , 5 0*4 ' 10,+5. :0 .6' ,6" 60 8'
+606 .?. , ,056 8' 5"020' 01*, 6.6.' .4' / : * ' *' 155 41? 1, , 40 . ' $06 1' V 0R6 *1'
06' A1. **0' V' 0 1' - 0 , . * .' * . : 9.6 1*0' *160' 5 .060 ' 50 - ' ,' , . 1 + - ' - . * 2+8'
,".5 8 ' 3+ 2+8' (.*,0 .0' 50 +9 + - ' +0 +*6 ' ./ - .' "1*90' 1 - * + - ' D +94+* '
". * 0* .' 04 6.' 0 6' . - ' *' 0.' + 20 ' +6' 515+"1 "" - . ' ,1* 0 6 - ' 51 6 8' ,". + 8?
,1 - 5"+ 6 ' , .56 ' 06' *' : * ,+". ' ,1*<04 ' <+ +' J . *4 , ' ' . *40"16 '5 .0 04 < 50, 0 '
" 0+6 ' . 02 .6' 36' ,+ 614 .' 09 .' 018' . 515+" ' .2 ,' 6+0 06+ ' - +"6 ' 6. - 0* ' 4+ - ' .'
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90*0 0' 01150 1' 5 .0, 5+1' 4+ 0' 06' *,0*61 0 ' 3+ ' 51 60.' 4 9*+ - ' : 6.0' 0/ 6+ - ' L
1 6 6+8' 0 6' ' ". 1 - 1*6 ' *' :0 * 8' , .5 6." ' <+4 , 4' . J04+8' % 4++ - ' *'
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4 0' &' S." ' (056' 6 +50 . ,+8' +94+*0* 68' , : 8 ' 04' < +50 ' ,1*,7 ;" .61 + - ' 03+ 6+ - '
61 3+0' 41* .6+8' <. - ' ' - +"6 8' .** 8 ' 51 63+. - ' *4 9* 8' ,1 - - +* , . ' ,105 6' : '
"0 00*60' 7+<+8' 4 * 8' 40,1 0 ' .' 09 * .' ;0* 6' ,+ - ' - . *4 .6 8' 4+, . 8' .4<+*4 8'
06 . - ' E". +4 ' D +2 ' 06' . " 1 + - ') 2 8' Z' .04 " + - ' 3+ ' + 6 .0' 06' *' .+". ' 08'
+94+*0* + - ' 5 1,+ .2. *6' 71 - *+ - ' 0<+ 40 - ' . * .0') 60 8 ' 3+ 2+8' 3+ 4' + '
606 .0' .4+* ' 0 "06' *+*, .2 .6+ ' .44 61' :0""0' . ,' <+20 0' 090 - ' +6' +94+*0* 08'
$. 0*" + - ' 0/0 - 5"+ 7' 03+0 0*6+ ' 40"16+8' 71 - 1' 5 +40*8 ' 3+. - : 8' E+ '
.0' .4 1* ' .44 4+8' , 040 06+ ' 6. - 0*' .4' 0' .6 1, 6.6 - ' ,171 + ' 06' !'
* 6. *6 ' 04 6 1 1 + - ' - + 6 6+4 *0' ." 3+16' 4 0 + - ' *4+, 8' - 506 .6 8 ' 4+ - ' 40"2'
20 . 06' 06' " 60 .0' .' 090 ' 3+ ' 0' *' 71 .8' 0/ 504. 0' . 02. 6' . 0 0*6+ ' ' *60 - ' '
5+2) ,1' 5 .0,1* 1' 04 , 6' +6' $ 160 6. *608' 1 - *08' .4' 5 . ,61 8' .040 8' 0' 6. *6' !'
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6+6,".' 09 8' 6+ ' .4' ,+ - ' .40+*6' .,' <+ "+' 0<+8' *' : . 08' ,. ,0 08' 4 & 2+6 - 6+ '
*. -'? 14. - *07 08' 09 6.*6.0' - 6 +4 * 8' - * - 0' ,.5.,08' 0 .*6' *60 7.0,')8'
$06 +8 ' *6 " 141 0* 8' 0' *' + 20' 5 1,+ .61 ' 71 - 1' *90* 6.' 5 .: 6.60' 06' "
')' 8' '$ '*('$ ' ' ' ' (
' 4 9 6.6,' 71 - * 8' .6 8' 51*40 8' .,' 40 ? 0 "06' .*40"161' 7.*,' 0 "0' 09 8' .,
09 *.0' :1"+*6.60 - ' ,1* 6 - .: 6' +6' $ 160 6.*608' 3+ ' ,1 - 5 070* ' 0 0*6' 06' ,1 -
5 070*4' 51 0*6' .4' +*+ -' 1 - *08' 3+. - 5 - + - ' *00' 0/ 504.61' ." 1' - .*4.6+
40"0 0*6+ ' 9 6+ ' .*40"16+8' , ,1 - + .' - +"6 6+4 *0' ,+ ' 40 - ' 0, 06+ - ' *
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60*6 .0' *+*, + - ' ,1*:0 +8' 40 - ' 6 2 ' *3) 6' $06 0' 3+14' $06 1' 1" - ' 7 6+8
* ') (' # $ (*(' $ # ' (' ' * ,
0 6 - 3+0' 1 - *08' .4' 0.040 8' 06' .5 *.8' 4 0+ +*6' 1 41*1' ' 1 * "+8' 06' ".: +8
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.14+ - ' ,1 - - 16 ' *1*' ,. * ,08' 0' 0" 0' *,,' - "6. ' 40,1 ' 6. - ' 5 12 1 + - ' L
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0/60 - ' ,1* 6.*60 ' 0,+ .:0 .*6' *, :0 8' +18' .". , 60' + 0 5 +*6' 0"04 ' 9 6+
50 4 6 - ' 3+ 3+0' 0/' 0.' ,171 60' 4+0 2+8' ""8' .4' J .*, 0.*1 + - ' .040 - ' 5 - 16
++*6' ! 4' 4 0' 1 - * ,.' 3+.0' 0,+6. 0 6' . + .@ +2 ' 5. 8' $ 160 6.*6 + - ' . 0 :.
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+ 2 + - ' .4' - +"6+ - ' .' 5"020' 0/, 6.6+ - ' J .*4 0+8' .*40"16+8' ,+ - ' ' (.""+, 1
.*6.' . , 8' 5 .0 041' . ,+ 0 06' *' . ,7 05 015' .040 8' ! ' .4' ' 0/' 5 .045+ 8
+ 2 8' $ 160 6.*6 2+8' <+ "+' 5 .0 04 ' .66 *02.*6+ ' - 50 - - ' ., +*6' 06' , + - 0*.8
5 +8' .9., 60 D' 0 +6.6 ' +556 ,08' .,' 0' 71 - *+ - 3+0' 40 - ' - 5"1 .*60 8' , +
40" 60' ,.04+*6' < - 0 .2 "' +6 3+0' 504.,+"1' ,+ - ' " ' 5.6 + - ' ,1""1' - 5" ,.6
5.6 08' " 18' ,1*<5"0/ ' .6 08' . - ,' 0' .4' ,1* 6.*6 . - ' *: ,0 - ' 71 6.*608' .2
0 J0 .6 8' ".* 8' 2.<+" 8' *.: ,+". 8' U' ,0+' 50,+408' - .4. 0*6+ ' *60' +"+".6+8' ".
- 0*6.' ". - 1 08' 71 0*418' 3+ ' 616.' + 20' 50 1*.2.*6' G+14' .*3+. - ' 0' *
% 61' 06' 9*. 1' 0 06' .*40"16+8' +2 61' DE+ ""160 .' 04 0*8' 04' 0' <. - ' ,1* 04.
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.47 2 61' 09 1' - .9 6 .6+' ' ,1* 04 3+0' 50' *16. + - ' 5+2" ,+ - ' 5 12.6 1* 2+8
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* +*6' 06' *1 :1' 0 +40" 6.6 890*0 0' *': *418' .0: +*6' ".3+0 3+0' *' ,1"".' *0 6 8
- 0 18' , 66, .*6' 06' 0 - *0,08' .4' "+ .0*' 5 1/ - +*.' .56.*6' 5/' 03+0 "8' .
5 * 8' .,' ,.04 2+8' 6 .4+4.' (+53""0/' .04 2+8' - 0 ,08' 1 4* 8' 0/51 6.6.0' ". 6
6.*608' ,' 4602 8' 50' *4 , .' 0 - 6 ' 03+0*608' *' "+: + - ' .2<04 ' % +, 4.61 * -
,.4.:0 .' *' . ,7 05 015." + - ' .04 + - ' . 0.' <.,0*6 . ' 71 1 0' 504.,+"' 1 J0* +8
.*40"16+8 6.: 2+8 - 51*' <+ "0 .6' +6' .4' , 60 1 0 - 5. - ' 6 .* 51 6.6.' * ' 670'
.,0" 8' ,10*12 ' , 0 - 060 1' +2 ' 1" - ' . .' +94+*0* 8' + 6' 050" 0*6+ ' ""
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$ C ' % & ' ' ' 2,D*2+ i 08)+' A)(*1; ' 9
& & & ' $ (0' ' ' ;A ' ' H2 $< ' 1 5 ' $ ' ' - $' -)' '
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40 - 1* 6 . 0*6 , . 4 . :0 . " . 05+"6+ . *4 9* . 4 4 6 . *608 4 . 61 H *1 6 ,1* ,+ +8
06 . 5"020 0 J0 . 6. * "+: + - 5 . 0, 5 6 . *6+ 15 - 1 2+8 , . 4 . :, 2) 8 . 4 . 4 50*
,1* , 0*4 . - 57 . - . ,151" 8 4 4051 ,0*6 2+8 ,1* ,0"" 8 4 6 . . 2 8 3+ 7 . , ,
0,0*6 2+8 14 8 , 5 0 +*6 5614 6+ R 0, 7 0 606 6 1, , 40*4 " ,0*6 . . -
. " 3+ . *61 60 - 51 0 51 6 . . +6 . 6 08 . . 9* *1 - * 8 - 0 , . 61 08 . 20"% . 0+8
, E . "60 +8 06 J"1, . 4+8 71* 0 6 , :08 0 , . ,0 0 04+ 6 . , " 4 8 <+9+" . 6 * 71
4 . *+ - 5 1< , +*6+ . *40 - 1 6+* . - 0/50 6+8 0 6 " . +4 +8 0 E . + - 0"+8 , /
,0""0*8 *1 6 . . 06 . 60 - +" ,+8 3+ 5 . " - 18 . : 4 ,18 :0 * . ,+" 8 :0 2+8 . "0 - 0*60
. 461 06 %70141 1 0C . 0/5 0 "28 . 4 : . 08 06 <+,+*4 - 18 - 14+" . 6 1*+ -
*+ - 0 18 . 56 . : 6 3+ 2+8 06 714 0 5+2" ,0 * ,1* , 1* 2 "8 $ 160 6 . *6 + - . , 5 : . 6 -
40, . *6 . *6+ *60 616 , . 040 8 0" . 5" 5 . 0 4 . 1 + - 150 06 (. *6 . 0 5 . 0 0 6
20* 9* 6 . 60 5"0 3+0 06 *60 018 A1 , . "4+8 06 *61* *8 . "" . + 2 8 5 . 61 08
,+ - A1 . **08 I *9"+8 5 - . +8 5 . 61 5 - 0 6+ - +"6+ *60 04+8 + "06 4
i , , , 1 - * 8 90*0 8 06 0/+8 - - . * 60 1, , 50 7 20*6+ *60 41 + - , . B
4 . :0 . 50 714 . *+ - +50 * . 6 . *6 . 6 . *61 ,1* ,+ + . 4 2 %+ *1* + - ,1 . ,0 : . 6 .
L +*6 +6 5 . 8 ,1 - 5"0 0*6 06 155 4 . * , . + *15 * . 61 60 6 6 . *3+ . 5 71 6 8
. 40 06 . 4 . - . ,1* ," . - . 0*6 - 1/ 71 1 0 50 ,+"" 06 ,0"0 8 . +41 08 4060 6 . 6
3+ . - : 8 . $ 160 6 . *6 + - 0" 9 1*0 . " 0* 0 "0*6 71 - *08 . 47 2+0 +*6 3+ . 4
. - 1;0*4+ - 504 . ,+"+ - . 5 41 "+4+ 40" . 6 . ,1 51 . ,1*6 8 . 5 . . :0 60 0*6
% . - 71 0*4+ - 504 . ,+"+ - 06 71 - *08 . :0 . 6 +*6 & 0** . 0 ; . <0*6 . 0 + 9
& : . . 4 (5 6+8\ . *+ - 06 . - D :0* 1*0 . : . + - +2 - . <+8 $ 160 6 . *6 + -
14 + - V 0" . 60 :061 +2 5+601 + - 06 1*6 + - 50*+ . . 3 . - 0 "+: 1 : , *1
7 . + 6 . . 516 . *6 +"6 . . , *1 8 4060 6 . 6 1*0 - 9 . : "" - 1 * ,1 - - 141 155 4 . *
,1* " 4 . 6 +*6 ,+ - 0 + 5 0 + - 06 V . 3+ . 3+ . 0 5 8 0 1"1 714 . *1 5506+*6
+6 *1""0*6 06 . ,1* 504+ "+ - * 8 5 +8 . 271 0 0*6 E0 60 * A 0" * . 6+ 06
$ 1: * , . 5 . 0 4+ - 5 +40*6 . 06 7+ - . * 6 . 60 08 "1*90 . " 60 . 4 - * 6 . 6 . 0 +*6
. - " . + +8] (. 2 . +4+8 %0*4 . 0 ,1 - 08 . 4 " - . . " * 6 . 60 ,+ - 1 - 5 . *6 . * 8
,1*<+*4+8 ,+ - 0 . A1 0571 1 . , 1 ? 5" . 3+ 2 0** 1 51"" * " ,0 . 0/ 6+ -
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1 0 0/ 6 - . 0 4 090 - :0""0 04 3+1 4 . - 0 9 . 5+2" , . * 6 . *3+ "" 6 . 60 -
- . "0 . 0418 "" +8 *1 - 0* 0 - 0*6 3+ . *41 . *60 5 . +,18 4 08 "1*90 4 :0 . . 2
7 8 - . *4 . 6 . . , ,050 6 - .) 0 0 91 0 5 1 2+8 +6 09 8 40 06 40 - 0*6 . - . 9 8
4 9* 8 5 . 0 0 :0 + - 8 5 . +"1 51"" ,+ - : 0* 1*0 4 06 0/ +2 61 - 1 21 40
,0" 6 - . 9*1 5 1: * , . " 2+8 0" 41 + 40" 40 1 *1* , 6 . + 5 43*0 - :0*0* .
04 6 1 1 + - 0 - " . 8 . 5 15 * . 6 * 0" * . 6+ 0 6 . *4+8 M (- 0*+8 E1 4 +8
* 1 - 1 . *6 . * . . - " . 04+, . 6+8 ,+ - 40 - - . 4 . 6+ - . , ,05 06 1*2 +*
. , ,060 1 + - $ 160 6 . *6 + - * ""12 19 2+8 5160*6 . - 06 . 40 50 . 6 1*0 50
,+"+ - , . + . 6+8 0 0/ ,+ . : 6 1**+"" 6 . - 0* & . "0*6 . 0 (09 . " . +*1 + - *60 04
V 1 - . * 60 - 04 0 +8 . 4 / S . " 4 +2 0/ *90*6 *+ - 0 1 3+ * , .
,0 0" 6 ,1*<04 +0 66*6 ,+ - ,1 - 5"+ 08 *60*6 . 61 - 06+ - 1 6 8 . 4 - . <1 + -
. , . 04 "0*6 0560 - 1 - * *1 5+9 1*+ - 4 2+8 . + 0*60 5"020 ,1* 1 " +*6
(. *60 . *+8 3+13+0 :0 *1 + - 5 . 0 08 6 5 0 1 - 1 . *6 . * 8 . 44 4+8 0 . 40 -
- 140 . 6 1*0

#$ %& ' 7 2D*2 0A 2 & 1) D*/ E2)A0*? 10FE3 $EG)H *? I /,10*? 21) 02H*+
2 2 H) .) :6 = (/+)?3 , / , 0,) +2 . , 2 AH/()H*+ 0,10 . , 2 0/ ,) ,
K AH/A0,2 0 &0 0, AH2)) *H2 *)10*?) 0? J)E 0,2 * - 2 2

& < LH MHMH8<+ 9 , $ 7 5 ' , $
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- 140 .6 1*0'+ 8' 0 6' 40 - 3+0' 0 0'0 - ". 8' 0/' .+".' .4:1".*6 2+8' 3+14%0*4 +8' " '
0"51*4 6' 7 1,' .44 61' *+*3+. -' '6." 8' - .*4.6 8'5. 6+ + - ' * ' 5 0' 0/'5 .0 0*8' ' '
<+20 06' #%1"1 .0' - .<1 ' 60 - 50 08' + 6' . - ' , + - ' 40' 0' +606 .0'90 6.'."".6+ - '
0 "06 ?5 4 0' S ." ' (056' 4 0' 1 - * , . ' 3+.'$ 160 6.*608' ' . 6.*06+ - ' .4' ,1*41*08'
+ 20' :0 .*6' ,1*6 *+1' 51 6.0' ,".+ .0' +*6' , .+6+ - 3+0' 04+"1' *0' 3+ 8' 0/ 06'
20 6.60' *' + 20 - ' 040+*6 2+8' ,1*,0 ". ' +"6' 6. - 0*' 0/' 8' 3+ ' 0/ 0 .*6' 0'
,19* 6.' *' + 20 - ' 04 0' *1"+0 +*6' 06' *40' ,'$14 + - ' .+ 0*6 ' 1*6."2.*+ - '
09 + - - 1*60 - ' .63+0' ." ' ." 1' - 9 .:0 +*6' 4+1' 51""' 5+2" ,1'5 .0,1* 1' 04 '
, 6+ ' 0*.6+8' .+ 61 6.6,' *0' ,+ ' 0/'$ 160 6.*6 2+8: 8' .+6' - 1"0 6 .' .6' $U 6 0'
4 51 "6 8' 50 ' 51 6.8' 6 2 8' X6' ,1 - 5 6.' 6.6 1* 2+8' + 50 6 ' 5. 8' 506' ,10*12 .' 4 6 '
2++*6+ ' ,06, '5+2" , 8' , . ,0 2+8' *,"<.4+*6+ ' " 3+16'51""' 4 08' +2' ' 0"50,7 '
06' .4 1* '15+"0*61 3 - ' " 6 61 + - ' 04'$ 160 6.76 2+8' + - - 0' * 0 65 + - ' 0/'.+".'
.4:0*6+ - ' *' , . ,0 0 *' 5.".6 *+ - ' 1 - *,8' ,1*<04 ' +*6' +2' - 1/' *14+' - - " 8'
6, . 8' 0/' 01 + - ' 5 .0, 5+0' *+*.0 1' 3+' <+ 8' , ; " 8' , 0*6 .0' 150 . - ' 4.*6 2+8'
- < 6' 9".4 .61 . *' *' 0.' + 20' . , +*6' *60' 3+18' , / ,0""02.6'0' %+ +8' 06' ." 8'
50 4 6.0' : 6.0' 71 - * 2+8' .4' , , ' , +40" 60' 6 +, 4.6' +*6' 06' *' 8' ." 3+16' 0*. ' '
61 0(' .63+0' *5 " - 8'A1.**08' ' 1 . +H' 3+' 51 60.' - - .* 6.60'90 - *.6.' .4' +" - + - '
' . 0.' 5 .".6 ' 0.61 1' ,+"6+' + 507 ' +*6' 1 51 .' 40 *40' , .0 1 + - ' *' 1 .' *'
.04 2+8' . ,7 05 ,15." 2+8' 0/ , . : .6.'6, .0' - .*4.6.' 140 - ' 60 - 51 0' 04' - .<1 '
L,+ - ' , .040' 08' 8' 161 - .9' 90 6.' ,+ - ' %.*.3+ ""+8' &0*.61 ' . +9 +8' 5 .0 08'
05 - . .'5 1: *, .0' *12 " 6.60' : ' - 6' *90* 1' - 1 .8' 3+.*6.8' 516+ 6' .47 2+" "06'<
04' 51 6 0 - 1'50 : *,0*60' 04 6 1 1 +* ' : 1"0*6 .' 06' 01 + - ' 5 .0, 5+0' 3+ ' +5, 1 '
.**1' 40"09.61 + - ' 0/' 0*.6+' $. 0*""' <+4 ,+ - ' 40, 061' 5 1 , 56' +0 .*6' 3+ ' "0'
R.' . , ,056. - ' *<+ . - ' +"6+ - ' 0' 06' 40, 0 ' "" +8' - 0 - 1 . - ' *4+,0 0' 50 .2.*6'
,1 - 5"+ 08' , . ,0 2+8' - .*, 5.6 ' 06' 51 60.' &' S ." ' 4 $ *9+" ' .4' *1 - 0*,".61 8'
:1,0 - ' , 6.6 ' 06' 5 14+4 ' , 340" 60' .2' 0 - . 8' "" (' 4+,0' ' . 1* - 1' . , 1 1 2'
71 - *0' *60 04 ' *40' 50' .040 8' 5 :.6.8' .4+8' - 506+8' +2' ""1' 4 0' . ,' 0'
3+0*6' *' : 18' 06' 10 - *.8' 5 1 - 0+0' .0: 6+ - ' 0 6' 4' ' 71 - *08' 1 - * 8' 0/+8'
06' .06.6 8' 0*04 ' 3+1 + - ' 52" .61 + - ' ,1 51 .' 1 " 8' .4' 51 6. - ' ."060* 0 - ' 0/'
, . : .6 8' ,1*4 6.' " *6' :0 6 - 0*6 8' +6' 5 .*6' .*9+ *0' , +0*6.' 5.+5, 2+(' 4 " 2+6 8'
06' . 04 .6.' 06 . - ' 0/' 71 - , 4 8' .5+4' 5"020 - ' 71,' .41' 9 .6 .?' 4' ' 50, 0*' *?'
4 9*0' 6+" 6' 0*.6+8' 3+.0 6 1*0' *' .4 ' .+41 08' * 6 6+6.' 3+.0' 6. - 0*' 4 " - +".?'
6 1*0' 0*" - ' 0: .*+ 6' 4 ".* 8' 0/' + 20' .4' 60 - 5+8' , . 8' . ,'50 ,+ "2 2+8' $0' ." .8'
06 .* ' + 20 8' 06' .2' 7 2 2+8' 50' 155 4.' 06' 5.918' 0/0 - 5"+ - ' 9 . .6+ - ' 0 6' ' 5 14 '
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* " 8' .0: 6 .0' 0/0 - 5"+ - ' ' 616.' .*6 3+ 6.60' 0:1"+6<8'
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0+ .8 60 - 50 6 :+ - l 0*.04 . - 47 20 151 602.6 3+ 550 1 - * - 1 . * 7 8
0916 8 + - - 0 50,+". .? G+..6X - .4 (.:. + - ,6 1*4.0+ - 504.2.6?
5. + - ".* 0*. $. 0 " .4+ - : 402.6 + 60/< 3+ ,1 .41 4020"".6 + - 5+6.2.
.2 ""1 + - 50 : ,.4. 0/5+9*. 06 " 3+1 + - 0/0 - 5"+ - .,50 6 *., ..4 0"" .8
5.".*6 + - 06 - 06+ ,1* 60 *.61 + - ,1"" 90*4.8 .*" - 1 3+0 * 5 151 61 ,1*
- .*428*1* 5. ;+ . - 1 - 0*6+ - ."".6+ . 1 "06 6.3+0 05, 60 - 50 .6 +8 ,+ -
:. 1 0+<+8 - .9 8 "0/ 2 R *90* + - *1 .6 ,+ - 1*4.01 0:0 +8 .90*4+ *
. - 8 ;1 - +".60 :0 . *0R.*60 +6 - 6+ - 1*4.01 06 50 1*4.0+ -
.:. 1 *,+60 06 4 (056 . - . 2 . J0 06 5 .061 .*1 + - ,0*6+ 1*0(
.,,0 <+206 ^3+0 $ 160 . 4 + - 0" 3+ .8 5 1 "9.60 6.6+ "0 4:<0 .6 * 6 1 .
1*4R1 + - 0*41 1 - * 2(3+, *6 2 5 .4 61 *6 - 50 .6< ? (04 *60 ,0 6
5 +40*8 06 +5 . 0/+ - 1 6 " - . - - "0 09 8 +/1 3+.0 : - 506+ - 3+. :.
02.6 .5*4 0+ - .+41 R.60 ,1 - 5 0 "6 - 1*+ 63+0 *0 60 * 6. "6 - 1 - 0*60 *
01* +"6 8 01*"" . 8 .99 040 ,6+ *. - 7+<+ - 14 0 "0< *6 5 .0, 5 6. 06+
51 60. 510*R0 6 . 0 - 0*4. *1* 51"%06 ? 0/ 9 6+ 4 "04 - .0 +/1 8 5 0, 2+8
; 4+8 . - . 4051* 6 06 6+ 1408 . - .*4.6 $1 6 4 0 1*4.0+ - .,00 066 .
A". 5 <151* 6 0/ 3+ 2+8 +*+ - 156. 06 - ". - 71, *1 - *0 :+"91 0,056.6*
0" 9 1*0 - .671" ,. - \ *60 "902.6 - 1 60 - .+6 50 506++ - ,.8,0 0 - +
1*4.0+8 1* *.6 0+8 - 0/ 06 41 - *0 +6 5 - + - 0"9. - < 0/ 4+12+8
0" 3+ 8 ." 0 + - 3+14 5".,+0 R - .<0 6.6 8 6+.0 . 2 6 1 ., :1"+*6.6 0" *3+
3+.*d 0+8 5 1 5 1: 40*6 . +. 090 a ., - 140 . L4 9*06+ G+1 0 51* 2
- 140 .0 5"0*1 0/ ." 3+.*615".,.6 1 ,+ - *50 6 *., .0 1*4.0 0/5+9*.6 1*,
.4 . - . - 06 06+ * +. + - ".6+ - - .9*+ - - 1 - 0*6+ - 51*0 06 0 3+0 ,1*
/ 0*4.0 .6 1*08 :0 6 9. 06 ,1 * - 14+ - .,, 4 6 +6 - .9* *1* * 8 *60 +18
,1*, 1*.61 +91 #(2 0""+8 1 . +8 0, "0 .0 + 0" .*0* 8 5. "1 ,1 - 5 070* 8
6 3+ 0140 - 3+1 .<" - 66+ *. - H1*60 4 *1* 0, "0 0/ 6+8 51 60. 40,". .: 6
60 6+8 .* - + - .4 ., . - .<1 + - (40+*4 5 .0 0 0 0*8 7.20 0 3+.04. - ,
4 / 6 40 3+ .+8 090 - ?,17:0* 0 :0 "04 .9*. 40 $ 160 .*6 2+8 : 41 .5. 6.
5+6.2.6+ 1 . +8 01 + - 5. 608 40 0 0 ,6 6.3+0 6.6 - ,1 . - 090 6 6+
06 0 5 0 - ++ - 4060 6.6+ < 43+0 3+14 *+*, ., .6 <. - 60? 0 .,, 0 5. .66U*
.6 8 *4 ,. 0 4 , 6 ,+ - *4 - 0*4 8 ,1*6 1:0 8 0 - 50 .*6 3+ 6.60 - 06 5.6 08
.550"".*418 ,0* 0 06 < ." 13+" *+*3+.* 4 " 4 1 + . *0 - 1 0 ,060 + - ,+* 6.
6 1* +.0 60 - 50 6 :. - : - 06 *0,0" 6.60 - 0+ - - 51 < "0 +6 3+14 .,0 ,
,2* 6 6+ 0 .X #, 6 +8 .,0 06 ?:0 + - 0 150 .* .6+ + - +6 4. - *+ - - 3 . .4+ -
4 " 90*6 . +. ., .6 0/0 - 5"13+0 1 .,0 - 0 .*6 2+8 5 .0".6+ + - +6 .4 0,
,"0 .0 +* 1*0 - - .6+ 0 0:0 6.*6+ . * 1,,. 1*0 - 2 :0"+6 . 0 12".6. -
0/ . 5 4*8 71 - *0 - .4 .:. + - .67. *. - 5 38 1 1 0 - 1*4.0+ -
. . - 2 " : . - 0<+8 +/ 0 - .*, ,. - + 0" .*. - 1*4.0 1, + - 6 *6 1
4+,R 3+ " + - 40 :0 .a 0,0R .0 *148 ,0 6. 0<+8 +,,0 1*0 ,R9R - . -D
* 6 1 + - :1,.6 1*0 4 5+6.*60 - 0.3+0 * 1". 0,,R . .671" ,. 51 "1"R.
1*8.*. - +" 0 "0 . - .*60 - - +"6 8 . - 0*6 8 06 - .9*. 3+. 51"R2.6 1 *.61
4R0*4 ., "6.60 ,1 - .*60 - ,+ - .660*60 ? 01 . - (1 25* , 8 4141 2) .+??
4 R 0*6 1 - *08 5 .060 1*4.0+ - - .*+8 4040 +*6 - 0 6+ 3+ * " : .
+ 0" .*. 50 0:0 .: 6 516 +8 ,1.,6 3+. - .2 ""1 50 +. +6 0:0*6+8 51 60. *
.: ", 5 06 0"+8 " 2 1 0 41, - 6 j3+ 6. *0* ,+ - 71*0 6. - 60 - 51 0 : 4 06
: 6.0 +.0 ,2* +"0*4$ .6 1*0 - 3+.060 0*6 0/0 - 5"+ - (1 0") 5 1 0/ + .6 1*0
+66 5 0 +*K

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& % ? .,1 .6* ? ? ?
% N D+ " W) $? 8

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+ - 5 0 - *6ˁ 1*4.0+8ˁ ,+ˁ 5+2" ,1ˁ ""1ˁ ,1""23+ 1ˁ 4*4+ -ˁ 5".6 0ˁ .6 8 . +6+ˁ ˁ
0 .6ˁ 04+4"1ˁ *ˁ . ,. 1ˁ (1 0""4ˁ 6.*0ˁ 4<ˁ 73+ 6ˁ *6ˁ 5 . -ˁ 4 , 8ˁ .*ˁ 5 .0ˁ ˁ ˁ
" ,6+ˁ W6 *1*ˁ 0/ˁ .* - ˁ 0*60*6 .ˁ "13+6 8ˁ Ñ ""1ˁ . , - . *60ˁ - +"6 8?:062 8ˁ 0 -ˁ . - ˁ
5 , . *60ˁ +2<0, 6ˁ 1*4.0+8ˁ (ˁ 6.ˁ 0 06ˁ , 50 < .4 - 24+*ˁ .ˁ 56 0 1ˁ *ˁ 6+.ˁ 6+1 + - 3+0ˁ
,1""09. + -ˁ ,71".ˁ 041 6+8ˁ . , ,0 5 ˁ :0 6.6 8ˁ 40 0* 1*06*ˁ "20*64ˁ , .5 60ˁ 5 1ˁ 0ˁ
4 - 0 0 - ˁ *ˁ &0 1 0 .&ˁ 6ˁ , 6,+ - :0*6) 8ˁ "" - ˁ 0 1 5ˁ 4051" 61ˁ &0 6.6ˁ 0/5"1ˁ
.6.0ˁ ,040*4+ - ˁ 6 6ˁ 2ˁ 0.ˁ 4 0ˁ 01 4.0+(".2. 4ˁ i05 6"6:0ˁ +.6ˁ * - 6. ˁ
." 0*. - ˁ , "5. .ˁ 5 .060/0 06ˁ *.*ˁ *ˁ . 6" .ˁ . 4,ˁ ,*2",+ + - ˁ 5.6.6 - ˁ *60""4/06. ˁ
0+ˁ 6. ˁ 0* ˁ 7.20 0ˁ .2ˁ ""1ˁ 50 +. + 8ˁ 6 040 06ˁ ".740 - ˁ 51 6ˁ . : . + - ˁ 06ˁ ." 18ˁ
0 1 0ˁ 0@0 .61ˁ 06ˁ *60 51 6.ˁ 5176 48ˁ *1 - *0ˁ .ˁ E.*1 4ˁ 1 217 1ˁ , . 4 *."ˁ 5. ",ˁ
.+ 61 6.60ˁ .ˁ (04. 1ˁ :0*0*1ˁ 0/5 .6+8ˁ 2"0 6 - ˁ . , 1ˁ *60 J 6ˁ (4 0 "+8:0" 1ˁ ""0?
,+ - ˁ 6.*40 - ˁ 150 . - ˁ +606 . +"6 8ˁ "1, 8 - 0,ˁ " *0ˁ ," 04 ˁ *. : ." 06ˁ *40 ˁ : ˁ
4+ + - ˁ 04 1 6 .6 ,+ - ˁ ,+ - ˁ A2.7*0ˁ A4."41 .61ˁ 6.*1ˁ + - - .0ˁ 0 +4 6 4* 8ˁ 0ˁ
90 ˁ : 1ˁ 0/ˁ A0 + 6. + - ˁ 14." 6 1ˁ - " +8ˁ 0 6ˁ +6ˁ +1ˁ 0R0 - 5"4ˁ . ,ˁ 5+2" , 8ˁ ,4 0ˁ
, 1* 2+8ˁ 018ˁ 34ˁ 50 - +"6ˁ 7ˁ T.ˁ + 20ˁ .ˁ 51*6 20ˁ 40J0,0 .72ˁ *ˁ & .7ˁ ? 04 ,0 0,ˁ
$1 6 0 - 1ˁ Ů 1*50* 0 ˁ 19.6+ ˁ (04. + - ˁ 3+16 42ˁ 5 4 026 8ˁ 0 6ˁ . , , . - ˁ
" . .ˁ ,* , ˁ 32066ˁ Ď . , .*ˁ +"" 1* 4+, 8ˁ + 1 0 - ˁ .ˁ 460 6.*6 + - ˁ 44 *4ˁ
0:1, . 06ˁ .ˁ *ˁ 60ˁ ,1*.6+8ˁ 0<+8ˁ 0+ 6 .ˁ "+ 68ˁ 40370ˁ - 1 0 1 0 6176 . 6@ˁ 06ˁ
, 02 8ˁ " 60 8ˁ . 2ˁ . - , 8ˁ 0ˁ E0 - .* .ˁ 0 56 8ˁ - 1* 6+8ˁ 06ˁ *, ,5 6+8ˁ <. - ˁ *06.ˁ " 2 06ˁ
0ˁ *9 .61ˁ ""1ˁ - * 60 1ˁ 0/6 , .6;ˁ 06 0 40 20 9. - ˁ 32* 0 6ˁ ˁ 04 613+0ˁ " " 0""1ˁ 36 4ˁ
5 1 0 - ˁ "". 6*ˁ 5107 60*6 . - ˁ 0, .*646ˁ +"5. - ˁ *ˁ 0.ˁ 0ˁ 4 - ˁ 9 . : " * . *ˁ +66S ˁ
4,60 6.6+ ˁ > # ˁ 4 0 60ˁ .ˁ 1*4. ,1ˁ :0* . - ˁ 506 6ˁ 3+14ˁ , / 6 4 1ˁ " 61ˁ 26 - 5 1ˁ - "66 4 ˁ
)+ -ˁ *ˁ 6. *6+ *ˁ ,1* , 0*6 .0ˁ 50 ,66 + - ˁ 5 .0, 5 6. %06Ñ (1 0 "+8?.ˁ *0+6 8ˁ 2 " ˁ
U*6.ˁ 04ˁ 5. 60 ˁ .2ˁ +6 .3+0ˁ 5. 60?ˁ , : 6.6 8ˁ * - +".6+8ˁ .2ˁ 01ˁ 62 - 51 0ˁ 0ˁ 3+ 06+*ˁ
Rˁ E0 - . * .ˁ ,1*6 *+ 6ˁ *4,ˁ 3+13+0ˁ + - 56.ˁ 1, , ." 1*0ˁ 06ˁ 4+, .ˁ E. 1"48ˁ 64 ˁ
6. 69 .0ˁ 4+/ˁ / : " ˁ S." ˁ 4ˁ 04 4+ - ˁ ,2*4 6ˁ 3 Tˁ 4 6 1* 8ˁ "+.0ˁ +2<04 8ˁ 515+" "
"0" 9 1* 8ˁ $ 16, 0.*6 + - ˁ + 0ˁ 3+0 6ˁ " ,0*6 .ˁ * : ."+ 0ˁ 13+0ˁ *<+ "+ˁ 4", 6ˁ 1 - * *1
*60 4 , 6ˁ . ,+"6.60ˁ 6. - ,*ˁ .4.ˁ $ 160 6.*6 2 8 608ˁ +. ˁ H "40*4ˁ 06ˁ *0916 .ˁ + "
90 0*4ˁ *6 .ˁ .7*ˁ 5.6 - 7ˁ 06ˁ ." 4ˁ 20 0?ˁ - 9 .*4 ˁ 6ˁ 0/ ĺ .24+4 8ˁ .ˁ 1 ˁ
60 6.*6 + - ˁ 5+ 6 2+8ˁ A8 . : . 3ˁ 06ˁ 1*4.01 ˁ 3+1ˁ 5 3 0 1*2 - ˁ 40ˁ ""1 + - ˁ "" "7ˁ
- .9 8ˁ 60 6 - 1* 1ˁ 12 9*. 06ˁ 6 6 3+0ˁ 50 +. 6ˁ +6ˁ .4ˁ 51 6 ,0 - ˁ " 62 .8ˁ 4. 276ˁ
3 - 2+8ˁ , . 4 6." 8ˁ 1 22* +8ˁ 5.6 ++8ˁ +.8ˁ .4<+*90 06ˁ Ĺ""" ˁ 9 6 ˁ :ˁ 1* ˁ ˁ (29 ˁ .4ˁ
51*6 ,0 - ˁ 4 . *6ˁ " 60 .8ˁ ˁ 3+ 2+8ˁ 460 3+0< 04ˁ 4 :0 " 8ˁ :0 2 8ˁ - .971ˁ +2ˁ ,+ - ˁ 41 \ˁ
"1 0ˁ . , , 4 " 0ˁ 60 6.2.6+ ˁ 3+24ˁ .2ˁ *0+*60ˁ .0 .60ˁ ." .ˁ 414 7.ˁ /72+6ˁ .ˁ ,1 - 7+ˁ ˁ
* 1*,ˁ 0, ,"0 .0ˁ . :+"" ˁ 0 "0*6ˁ ,+"5.ˁ T*ˁ 6 - ˁ 5. 076+ - ?ˁ 3+.61ˁ 01 + - ˁ 3+ ˁ ""5(ˁ
04+/0 .*6ˁ 6 3+0 - ˁ 06 1 0 ˁ ,+*ˁ . X90ˁ 09 *.ˁ 5. 0*60 .6 2+8ˁ 09 Hˁ , . 4 7."ˁ
1 21* ?ˁ 06ˁ 1*50* 0 1ˁ - 2* 6ˁ .9*1:06 *6ˁ 42ˁ 4060 6.6ˁ *6ˁ 5 1 0 " 170 7ˁ 40ˁ
- 6ˁ .5+4ˁ 51*6 , + - ˁ 16.61 0 - ˁ 4052 + "%0ˁ 4 +, .3+0ˁ 20* 9* 6.6 8ˁ 5" +8
O (ˁ ˁ ˁ ˁ $ * ˁ ˁ # ˁ ˁ ˁ $* ˁ ˁ
ˁ ˁ $ ˁ $ ˁ ˁ * % ˁ ") T * ˁ
* # % ˁ % ˁ ˁ ˁ ˁ # ˁ ** ˁ * % ˁ) 8ˁ
(ˁ / ˁ ˁ ˁ ˁ * %,( ) ˁ # % ˁ .ˁ ˁ * ˁ
>ˁ * ˁ # % G*ˁ (ˁ * #) ˁ # V
1:0.6ˁ ˁ G+.8ˁ .4ˁ 606.8ˁ 54 6 0/ˁ S."ˁ 1; ˁ 52 20* 70ˁ 0 54*4 6ˁ 06ˁ ".+4.6.ˁ
01 + - ?ˁ 5 06.60ˁ . ,ˁ 6 40ˁ 5 12.6. ?ˁ - ˁ 8ˁ ,6 . - ˁ .4ˁ +6 + - 3+0ˁ 4 "50* .6ˁ 1* 8ˁ 4 5"1 - .6 8 ˁ
9 .6 . - ˁ 3+. - ˁ .4ˁ ,1* - .*4.ˁ <. - ˁ ,1*6 .4.ˁ - .6 - 1* .ˁ 50602.*6ˁ 0, 6ˁ
Rˁ >ˁ ;ˁ ˁ * ˁ ˁ D ˁ % ( ) ˁ Y)
ˁ ˁ Ů ˁ ˁ R 2ˁ 0/+"6.6+ .?
#$ ˁ) + K ! ˁ - 22 ˁ
H & Nˁ - ˁ $ ˁ ˁ ;' 5 '

$ ˁ 0/+"6.6+ ˁ + 6ˁ . - ˁ C ˁ ˁ (056ˁ "04 8ˁ ˁ , . 4 * ." + - ˁ 0* .6+ˁ 51*6 4ˁ"09.6ˁ
ˁ ˁ " 60 8ˁ 3+ 2+8ˁ 40ˁ 0ˁ 616.ˁ 6.*3+. - ˁ 40 6 * .6.ˁ 09 8ˁ :1"+*6.60ˁ . ,ˁ <+ "" ˁ ,1* 04 .ˁ
51*6 ,0 - ˁ ,0 6 1 0 - ˁ . , 02.6 ˁ - 1/ˁ 400 06+ - ˁ 6ˁ +6ˁ *40ˁ 04 .ˁ 51*6 0/ˁ ,+ - ˁ
, . 4 * ." 2+8ˁ .4ˁ 20.6ˁ . , ˁ ,1* ,040 06ˁ ,6ˁ 01ˁ 156 71ˁ - . / - 1ˁ 5 1ˁ 6 .*61ˁ
20*0 , 1ˁ 04ˁ 1 - . * .0ˁ 1 2 3+0ˁ 6 . *1ˁ ,1) .61ˁ 9 .6 .8ˁ 6+ˁ 1"0 - * ˁ .9, 06ˁ<
60 - ˁ +6ˁ 4 0ˁ + * .0ˁ 5 1/ - .ˁ . , + - ˁ 1"0 - *0ˁ *ˁ *0 : .0ˁ .040ˁ ,0 02 06+ ˁ 0 , ˁ
51*6 0/ˁ 06ˁ , . 4 * ."08ˁ *60 " *6ˁ *40ˁA+2 .0+ - ˁ6161ˁ 7 "" . *5ˁ 1 20ˁ 5+2" ,06 (ˁ
0<+8ˁ , .+ .0 ?0/5 0"%.0ˁ + *6ˁ +6ˁ .90 0*6+ ˁ 05ˁ 9 .6 .0ˁ 12ˁ 40"0608ˁ *ˁ E."" .ˁ :0 6.6 8 ˁ
06ˁ 0, ,"0" .0ˁ 71 60 8ˁ 12ˁ : 41 . - ˁ 40ˁ %+ 48ˁ 051 6.6. - ˁ 06ˁ *ˁ 0" 1ˁ 0 - ˁ .2ˁ
"2 . *1ˁ 0" , 60 ˁ 90 6. - ˁ 5 1ˁ 9*1ˁ 60 - ˁ $1"1* ,1ˁ 5 0,08ˁ ,1* , 50 0*6+ ˁ +6ˁ 8ˁ
0" 9 .6+ ˁ 0/ ˁ 3+ˁ .671" , .0ˁ 1 - . * .0ˁ 0" 9 1*0ˁ6+0*4 .0ˁ . ,ˁ 5 15 .9 . *4 .0ˁ 0 3ˁ 06ˁ
0/ˁ . * *1ˁ 6+40.6ˁ (+2ˁ :0"50 . - ˁ *ˁ ˁ .4 . * ˁ - 1"0ˁ *ˁ 5+2" , .0ˁ ".06 6 .0ˁ 9*+62ˁ
4 5"1 0ˁ 61 - 0*6. ˁ .05. " - 50 ˁ : .8ˁ . , ,0* 9*08ˁ - 7 "3+0ˁ 01 + - ˁ 5 .060 . "+ - ˁ
3+ .0ˁ *ˁ ,+* 4 8ˁ . ,ˁ - . / 6 8ˁ 3+ 2+ 3+0ˁ 5 1ˁ 0, ,"0 .ˁ 1 - . * .ˁ : 41 8ˁ 0 ˁ 1"0*6ˁ
. 4 * ." 8,ˁ 16. *9+ ˁ + - - .ˁ . * - ˁ - 5460*6 .ˁ6. - 156.6+ - ˁ . 0 0*6ˁ *+* , +* .ˁ
8ˁ 0 .6ˁ *12 " 8ˁ .ˁ .6 0ˁ + - . " 1ˁ - " 8ˁ ˁ .+ 018ˁ *+ - 0 . ˁ <+ " 6ˁ 0/ˁ 013+0ˁ 0ˁ
*0 04 2 "0ˁ 9 .+4 + - ˁ ,05 "0ˁ 60 6.6+8ˁ 0 6 ˁ <+ 40 - ˁ * 6 9 .6+ˁ 2 4"(1ˁ 51 6ˁ +55" , . ˁ
6 1*08ˁ .4ˁ 20.6ˁ +41: , ˁ - . / - .ˁ *12 " 6.6 8ˁ . ,ˁ 5"02 8ˁ 03+076 ˁ ,0"02 . *6+ ˁ
*60,0402. *6ˁ 05 015ˁ 06ˁ , . 4 * ."08ˁ 51 6ˁ 718ˁ 0" :06 ˁ 40 *ˁ "09.6ˁ 09+ - ˁ 06ˁ
5 * , 5+ - ˁ 03+02. *6+ ˁ 40 - + - ˁ55*6 0/ˁ 5 0ˁ +2+ - 20"" .ˁ * ,0402.6ˁ ,+<+8ˁ ".60 .ˁ
,".+402. *6ˁ 2ˁ 4 . ,1* ˁ , . 4 * ."08ˁ 1 4 *0ˁ 5 1 ˁ **1,0*6 +8ˁ 0ˁ ˁ 1*6. * .8ˁ 06ˁ 3+ ˁ
"1 ˁ ˁ 60 6 * ˁ .5+4ˁ *18ˁ 6+* ,ˁ 4090*6 8ˁ : ,0ˁ +*902.6+ ˁ (; *" .ˁ 51*6 , . ,ˁ
:0 6 8ˁ .0 . 0+8ˁ "09.6+8ˁ 3+ ˁ 71*18ˁ +6ˁ - . / - +8ˁ .0 . ˁ . *60ˁ ." 18ˁ 40 0 X+ ˁ
0 6.2.6ˁ %+ *ˁ "0: 8ˁ . - .6+ .0ˁ 03+ 608ˁ +"6 - +* .ˁ .9 - 0*ˁ 4 ",02. *6ˁ 1,ˁ 1 4 *0ˁ ˁ
* ,040*608ˁ ,+ - ˁ .4ˁ .040 - ˁ :0* "0*6ˁ . , + - ˁ .?, . 4 * ." 16. *9150 .9 6+ ˁ - .9*1ˁ
5. .6+ ˁ .040ˁ 5 .ˁ 5 .060 ˁ 5" 6+ .ˁ - - .ˁ - .9* ,0*6 .ˁ 0/1 * .6. ˁ 06ˁ .4 0<+8ˁ
: .": .8ˁ * 0 56 2*0ˁ .551 6. ˁ 3+ .ˁ 16. *9+8ˁ . 1" ˁ /ˁ 7 6 . * "" - ˁ - ,1 - - ˁ
09 8ˁ *1 - *0ˁ 01ˁ 155 - 1ˁ - . / - 1 ˁ 20.6 " - 1ˁ 5.6 ˁ E 091 1ˁ / ˁ 51*6 , ˁ
- . / 6 1 ˁ . , 1ˁ "" " - 1 + - ˁ , . 4 * ." + - ˁ ,1""09 1 ˁ 0* .6+ 515+"13+0ˁ 1 - . *1 ˁ
60 ˁ ." . ˁ ,1 " 1 - - ˁ 4.616+ - ˁ .+/ " 1 + - ˁ - "2 + - ˁ 4+140,0**." + - ˁ 5 0,+ +ˁ
. ,ˁ :161 + - ˁ 5".*0ˁ 6+50*418ˁ 0 04+8ˁ 06ˁ 1 - * *1ˁ * , 04 2) 0 8ˁ 0/ 6+8ˁ 9 .6+".2.6+ ˁ
1/ˁ 06ˁ (6 .6090 - .6 8ˁ 6 6+"1ˁ 5+2" , .6+ ˁ 1 - .0ˁ " 20""+8ˁ .ˁ . - ""1ˁ ˁ .5 "+51ˁ
0 56+8ˁ 3+1ˁ 0 08ˁ .4 ˁ0* . .6+ ˁ06ˁ 1 - * ˁ< . - ˁ .2ˁ * 6 1 ˁ ,+ - ˁ 5 ./ˁ . *60ˁ 2 0** + - ˁ
,+ - ˁ $ 160 6. *6 2+8ˁ .4 .ˁ 0 6ˁ ,0 61ˁ 09 8ˁ . ,ˁ 09 * .0ˁ ,1* " 1 ˁ . 6+ˁ . ,ˁ 1"0 6 . ˁ 3+5ˁ
08 .4ˁ 0+ - ˁ 3+0 *ˁ 1 6 6.0ˁ " *6ˁ 0 04+ - ˁ50 4+,0 06+ ˁ 1 4 * .6.ˁ 06ˁ ,1 - 51" 6.ˁ - 0 ˁ
- 1 . *6+ ˁ 1ˁ ,1 - - 0*6. 1ˁ *60 ˁ ." .ˁ 50 0 - 56+ - ˁ 0 6ˁ< 090 - ˁ 3+1ˁ , 4 * ."0 - ˁ
1 21* + - ˁ .4ˁ 51* ." .ˁ50 .90*4. *4+,0 06ˁ 0 ˁ 9* . - - ˁ06ˁ ,1* 0 0*6 .0ˁ , +5+"+ - ˁ
, .+ . *60 - ˁ * 3+1ˁ " 2 ˁ . ˁ51*6 ,0ˁ , . :0 ˁ 50602.6ˁ 09 * . - 3+0ˁ 5 . - ˁ ."0 06ˁ
3+ . - ˁ * ˁ - 506 .6.ˁ .ˁ 51*6 ,0ˁ 9 .6 .ˁ *ˁ *+56 .8ˁ *+73+ . - ˁ ,1* 0* + . - ˁ . 6 , 1 ,ˁ
- 0*6 02.6+ ˁ 0ˁ ,+ - ˁ 1" * 1ˁ ,1 - - +* , .6. ˁ */ " 0ˁ 1 .61 Hˁ + ˁ .5+4ˁ 51*6 ,0 - ˁ
" 60 .8 ˁ 3+ 2+8ˁ ""0ˁ 090 - ˁ 40ˁ 9 .6 .ˁ .ˁ 51*6 ,0ˁ ,1* ,0" . ˁ 06ˁ 5 3 1ˁ 3+13+0ˁ4 0ˁ
- 660*4.ˁ ,0 6 1 0 - ˁ . , 02.6ˁ 01ˁ . 6+ ˁ3+0 - ˁ 1" * +8ˁ + - - 150 0ˁ 5 12.2.6ˁ< 090 - ˁ
5 21* 5ˁ , . 4 * ." ˁ - 51 + "%0ˁ 06ˁ 1" * 1ˁ 50 +." " 0 ˁ $ 160 6. *6 + - , .+ .0ˁ 0ˁ 0 ˁ
. * - 1ˁ . :0 0 ˁ *ˁ 3+1 + - ?ˁ 9 .6 . - ˁ - .6 0 - ˁ .""0 0ˁ *1*ˁ 4+2 6."%0 6ˁ 6.ˁ 51* ." .ˁ
1*6 .4 . + " 0ˁ *0ˁ 51*6 , 8ˁ .+41 6.60 ˁ 3+ .ˁ 0ˁ 51 60.ˁ ,19* 6. ˁ 1 21* + - ˁ3+14
ˁ *

ˁ & ˁ % ˁ V "1*90ˁ 4 5. 08 U6ˁ * .6." 2+8ˁ (; * .ˁ ˁ ˁ 1ˁ 1*6. *+8ˁ * . - ˁ 50 U+*ˁ A+" ˁ
06ˁ - 1 2+8 4 . ,1*ˁ ˁ ˁ 1 ? ˁ * ˁ - 0 - 1 .ˁ 0*1: .6. ˁ 06 "1 +8ˁ + ˁ +
D 1*6. *+8 06 "1 +8ˁ 60 6 *+8ˁ 09 .ˁ *41"0 : ˁ ˁ ? \
? ˁ ˁ% ˁ ˁ ˁ$ ˁ : ˁ ˁ ˁG& ˁ ˁ ? ˁ ˁ (ˁ ˁ+ˁ \ ˁ ? ˁ7 ˁ ˁ5 L ˁ ˁ* ˁ ˁ

' ,e' 0' 50, ,. "06' ,0 + . - 3+,' 0, ,"0 .0' - 5 - 40*60 ' *,+ "%06' 9 .6 ." ' 62'
?0 1 8 .' 51*6 ,0' 0 ' 0/51 6+". "0' 0 6U *506 . "0? 44 6' 06' 01' , 561' .5) +5+8'
"" 71 - *+ - ' , .' 6+ - +"6+' $. 0* ' 6 - , 4.6.' + "0 ' !3+0 - ' 0+ *40 - ' *+ - 0 + - '
' A1 ' .56 .' .4 .* +8@ 06' , , , , ' 41 - 18' *' + 20' 4 056.8' ., ' $06 + - ' $.+"+ - '
U"%1 *9+ - ' ,+ - ' +*1' 0/' " 8' - 1 6 ' 1" * ' *60 + "0' 06' 5 .04.0' 5. 6 45. "0'
050 6. - 3+,' *' 1" * ' , * 1' - .9 *0 - ' *+ - - ' 50, 0' ,+ . - ' ,+ - ' *9+". 2+8'
" 60 8' ' ' $ ' 3+.0' ,1* " ' 40' 16. *9 8' 06' 51*6 ,0' 0/60 - *.*4 8' + - 56 ' 40 - '
., 02.6' ' 1 4 ' ,1 - - 0*6+ - '." 1 ' *056 - 1' ,+ - +".: 6?' ,+ - ' , 5 6 ' ,. 4 *."0 - '
1 21* +* ' ,+ - ' 0/' *' 0* .6+ - ' 2 4+1' 51 6' :0* 6 ' 9 .6 .0' + - - .0' "1 ,1' .' 090'
506 0' 06' 126 *+ "0 ' +6' 05 ,15.6+8' 2 0""1:.,0* 8 ' 3+0 *' 50 ' ,' . 60"" 1* .0 ' ,. '
4 * ." 8' - 1 60 - ' .4056+8' +0 .6 ' $. 8' J .*0 .0' 4 9* 6.60' 1 *. 06+*' G514' +* '
- . - ' 0<+8' 40' 02+8' *1 6 8' 9*2 .*6 . - ' .50 60' 5 14 6 ' . - ' 5+0 ' .5+4' *18'
, - 6 ' 05 ,15+ - ' 0""1:.,0* 0 ' + * + - ' 0/' : ' 0, ,"0" . 6 , 8' J .*0 .0' $. 2+8' 0 0'
,6' %0 - 50 ' + "%0 ' 0,' :0 +8' 0 6 ' 3+14' 0 2 6 ' .+/ " . 0 8' .*60' 1" * ' - 1 60 - '
*' ' 0"9 + - ' 4+,0' 0 & ""0 1' 0516 1' - "%18' +6' ".21 .*6 ' ' *' 1*6 2+8' (. 1: 1'
5 .0 61' ," 0* 6 ' .2' 0" 1*1 1' ' + 0" .*1' 1*9.: "".0' 4+,0' $,. 4 .0' 5 .0 40' ,.0 ?
"28' ' , , ,' 0/' 8' 6 +, 4.6 8' 06' 4+, 2+8' ,+* 6 8' *' : *,+".' ,1*<0 6 8' . - ' ., '
,0561' 40' 1" * ' ,.040' *+*, 1 ' ,15 .0' "".0' *0' ,. 040' .,' 00 6. - *0' 7+0' ""+,'
4 "5.6.0' +*6 ' 44 6' 51 6 0 - 1 ' 09 * .0' 4' %0 - 50 ' + "0' <. - ' .*60' - +"618?.**18'
,1* " + - ' +6' 40' 50 4+0"" 2+8' 4.6.' 1, ,. 1*0' +XX 1*0 - ' %+ - 0 06' 4' $ 1%50 1' ' (.* '
6., +, 1' ,. 4 * ." ' .*60' 3+.4 0** + - ' 7.*4' 12%,+ 8' :0 2 8' *4 ,."%0' 06' +6' $ 1' :'
4' ,1* - . 06' 19. 0k' 40 - ' 5 15 .' - .*+' .4' $ + - ' :' 51 60.' %0 - 0 ' .63+0' 60 + - '
0 5 "0' " 60 .%3+0' 5 .8' : 4 " 0' %0' 60 6.6+ ' .5 "+5+8 ' 51 6 0 - 1 ' 01' 50 6 *0 0'
,1""13+ + - ' .2' 0.' .*60' ." 3+16' .**18' ,+ - ' A1.**0' E1 . 1' 0 5+2" ,.0' &0*06.0'
.5+4' 090 - ' 1 .61 0' 7.2 6+ - ' 3+1' " .' %0' *' 7 8' 6+ .+ 6 2+8' %1". ' . 02.6' 0/0 - 5"1'
".*,.0' " 1* ' . 60"".0' 09 8' " .0' 06' (' 6+41: , ' 5. 0*6 8' 0.%40 - ' ,.". - 6.608'
%+2' " 1 5+0 1' 1" - ' 0/50 6.0< %+2' 3+1' 06 020"".:0 .*6 "2 90 ' 414 *.' .' $ 1 '
60 6.*6 2+8' *1 *' - +"6+ - ' 4 " - "08 ' 3+18' 5+9*.' *90*6 ' 5 1 " 9.608 ' 51 60.' 5.,0' .4. '
,63+. - : 8' 5 .060 61 + - ' %.*, 6.' - 0 - 1 .' *9+"18' +"6 1*0' 50 ' 1, ,. 1*05 ' + - 56.'
1 - * *1' 40"0:0 6 ' 8' .4 8 ' 1 - .0' "09.6+8' *' E."" . - ' 40,0 * 6+ ' J.2 +8') *+8'
,. 4 * ." 8 ' 6 .4 6.' 0 ' 6+' %1"0 - * ' 0 - 00 ' 3+14' 71*1 ,.0' 6401' "09.6 1* 8' * 9*0'
06' ' 3+ ' 6.6 *' %0' *' : . - ' 404 6 ' (, 2 6' A1.**08' .56 ' .4 .* +8 ' ,1* " + - ' 40'
1" * ' ,.040' <. - ' .*60.' . 1* .0' .' 09 9.' *' ,1) 13+ 1' ,+ - ' "2 1' 7.2 61' %+ - 56+ - '
0 "0' 3+14' ,1*6 *+1 + - ' 2,""1 + - ' %+50 :0*6+' 06. 4.6+ - ' 06' + 6 .' 50 ' 0 - . 58'
60*6.6+ - ' *' 0. *' 1, ,. 1*0 - ' 4 6+"0 6 ' +6' <. - ' %+5 .' 4 / - +8 ' (.*0' *90* 1 ' %+*6'
6." ' 06' %5.* ' 3+ ' 7.0,' 6 .4+*6 ' 4+ - ' *12 8' 5 1 +*4. - ' %+. - ' 0 ."" 4 6.60 - ' 06' 5 .0'
' 51 60 . - ' 5 +40*6 . - ' *' 71,' .41'. *90 0' ,1*.*6+ ' ' 3+14' 6. - 0**1 6 ' .+" , ' 6.* '
3+. - ' 0/' 1, ,. 1*0' *.6+ - ' *03+0' .*60' 5 .0 - 04 6.6+ - ' 6. *'. 6 , 1%0' ' 0/,+%. +*6

& ' '

& ' ' % ' ?' - 506 . "0' G+14' 5"0 3+0' +55 0 + - ' 0 6 44 6' 06' ' , 561' + ' +
,1 - 6*0*6+ - ' 5+6.*6' .' .5 "+51' *:0*6+ - ' +6' 51* ' ' 06' "
6 ,0 - ' .' 4 5"1 - .60' * 1" 61' 06' ."". , ' ,1*,0"%1' 0/ ' ' 3+14' 5+6 4+ - ' 0<+8' ,1 - - 0*6+ - ' + ' + '
,+ . 06' . - ' ,.*1* "". + - ' ,1* 6.*8' 0*60*6 .' 0' 0/,+ . +*6' . 3+0' +2 6' 0 - ' 3+. - ' 1 - '
0 6' 5.5. - ' ,+ - ' 7.0 06 ,1' 4 50* . 0' *1*' 51 0' .' *08' 21* ' 06 . - ' ' 3+' .' $ 160 6.*6 + - ' 414" *.' .2B
3+.' 6. - 0*' 0' 51*6 ,0 - ' 5 + - ' 4 50* . "0' ,0 6 ' 71 0*6' +6' - ."' 0/0 - 5" ' .03+0' 4060 ".6' +*6 .'
- + - ' 0 6' *0' 6. * ' 1551 6+*. - ' $ 160 6.*6 + .' *' 51*6 ,0' 3+14' .4' 5160*6 . - ' "+. - ' :0" 0 - 1 0' T* '
,. "0 8' *4+,0*41 - - ' ., ' 50 40*41*<- ' 1, ,. 1*0 - ' ,0*4. - ' ,0 06' 06' .' $7 "55' 5.* . + - ' 09 8'
0".2 ' *0 06' . - ' .2' 5"2' ,. 4 *."' 1 21* 1' 00' - * 6 8' 3+14' .4' 08' 5 1 . - ' * 0"9 1 ' 6.*6+*40 - '
5 +8' .+4 : ' 5 + - ' *+*3+. - ' * ' ., ,0561' .' 51*6 ,0' 402 "6.6.8' $ 160 6.*6 + - ' .4" 1*0' - .*4.8' 1551 '
9 .6 .0' 4 5"1 - .60' 4' *09161' 0' - - 6+ + - ' + "0' < 6+*.' < 06' ,+ - ' E."" , ' *1 - * 8' * . - .' ,1*<+*4.'
3+14' 6. - 0*' 51 6' 5.60 .4.' ,1* " .' 06' ,.040 - ' 5. ' 0 "06' ' 06' :1,0' 06' 0 56 8' 5.". - ' 06' 5+2" ,0 6 .4 6. - '
6 .6. - ' 0 ' <+ +' 51*6 , 1' "09.61' 044 6+ - ' ., 0""0' *60 0.' .:. +8' + ' +
' ' ' ' $' ' ? ' ' ' % 6 $' ' ' ' B ' ' 4 0$ $' ,I' $' $' 4 $' ' $
? '. ' 5 6 ' ' ! & ' ' /) + ' ' 5 6 ' # ' + ' A' ' $' $
1 ' G ?0' ?

V

& %' 6' .:616 8 3+1 - .<-8 +.0 5 1 0 1* 8 41,+ - 0*6+ - 4. 06 / :
S." 1: 04 4+ - ,1*4 6 3+1 0/ ,1* " 1 09 *.0 1, +8 09 *.0 +/1 8 ,. 4 1
." 8 1 21 5.6 + 50 +* :0 .8 +.8 4 6 1*08 ., 5 .0, 5+0 * #A ,*0. *0*
5 *, 5.6+ +2 . 5. 0*60 5 668? .*60 ." 3+16 .**18 0/ ,1 - 6 1* - 5 1: *4.0 40
, 061 - .<1 + - 0" 9 1 .21" 6. .0 .6 06 $ 160 6.*6 + - 414 *. 0,056.
60 6.*6 + - 0" 9 1 8 *60 018 0,056.0 + +8 *60 4 , 6+ - .*4.6+ 3+0 +6 5 .
0" 9 1 6. - 4 + *60 - "%. * 6.+ 06+ 21*. ., 1 4 * .40 - 56. 0 6 6+.*6+ <5 61
2+8 * .4 .0 . - .<1 + - 040.*6 .,0 "0 0 <+" 8 4 4+ - 2 *61* 1 .*:
- 1*6.*1 ,+ 6+ - +"6+ ""1 5. 46+ - 4 / - +8 6.*3+. - 0*0. * 06." . - - 4 6 1 6+ -
5 .0 4 50 0 0*4+ - 06 0/03+0*4+ - ,1 - - 66 6+6 ,+<I+8 6. - 0* ,1*.6+8 + "/. + 6
0*0. *0* 2+8 0,+ .*6 2+8 06 71, - .*4.6+ . *1* " 20 ." :1"+*6.60 04 . ,.56 :1
5 *, 50 +1 5 1 04+ - 60 5 06.*6 2+8 09 + - 3+13+0 04 4+ . ,1*4 6+ 3+1
1 - * 2+8 $ 160 6.*6 + - 414 *. * 5 1 0 " 8 06 . - 0" 9 1*0 "" 0*+*4. 0*6
5+2" ,. - +*0 . .4 - +*6+ :0 " . .4 <+4 4. + - 1 4 *0 - :0 .4 03+0 66066
50 6 *0 0*6 / - +*6+ 6. - 0* .2 01 *+ - 0 1 3+ - *1 . - +*0 . .4 - * 6 .2.*6
4+ - - 141 <+/6. .2<+ .6 1* 8 5 .0 , 56.0 1"0 - *0 - 1 6 - +". - 5+2" ,0 0 1 0 -
++ - 4060 60*6+

& . 41 - ,1* 6 6+6 8 0 6.2.6 ."60 - - 3+14 - ./ - 0 090 - ., 0?
9 *. - .*902.6 +6 .5+4 0/60 - 18 5 *, 508 .4+ - 0/,+ . 06+ 3+14 , 56 8 06
"09.6 1* 2+8 .4 6.6+ - 0 6 1 - * "94 1 .6.90*60 09 *. 51 6 ,0"+8 .4 - ") - +6
0<+8 *: 4 .0"0:. 06+ *0, *4 + - 4+, .5+4 $1"1* .0 5 1,0 08 * 506 6 1*0 "" +8
09* - 504 * 0*6+* . J0 06 . - :. 6 .* . - +" 0 06 +6+ .*/ . 0<+ 3+,
:0" 50 "09 2+8 :06 6.8 . 608 ,19*1 ,0*4 ,+6 1 . ,+ - 4 . - .670 - .6 , 8 5 .04 4+ -
0 "06 1 0 +6 " 18 1 - *0 8 0908 .*60 - 1 60 - ; 40 06 06 4 0/ :061 *60 5 06
6.2.6+ 6. - 0* 6*9+"1 + - " 1 + - * 09*+ - J .*, .0 1 4 *0 +0,040*6 + - 0:0*?
6+ * :0 6. +6 * .+ 6.0 +040 1* 8? .+9+ + - 0"+40 06 4 :0 . 3+16 4 0 09*.
1 - * .2.6 06 .4 1 - *0 8 *1:1 + - - 50 1 + - " 8 ,1*, " .*41 + - 1,,. 61*08 .
60*6. 0 .6 L 6.3+0 06 4 + .*60 ,+ - " .2067. *9"1 + - 09 *. 40 *+56 8 090 .6
0 .0 . 0.0 A+" .0 :+"91 "90 . - :1,.*6 09*1 * .4:0 . . 2. .0 1 . 51
" 61 ,19 6.6+ - +0 .6 3) 14 " . . *0916 .61 2+8 . " 0* 62 +8 40,056. ., "0 ,.5
51 0 2 50 +. 06.6 <?3+ 550 (0" - : 2+8 ,1*6 . 1040 .618 *1 0*60 1,,+5.6 8?
06 8 .2 - - *0*60 01 + - ,0 : , 2+8 S 5.*1 62 - 06+0*6 2+8 3+18 5 *, 5 8
(0" - 1 . - , 41 - *.6 1*0 - 5 .0 $7 " 55 * 0 6 <+91 156.6+ 18 .55. 02.6 G+14
+,,040 06 01*6 *+1 (. 4 * . 7 3+. - 1" - 5 1 .:. .0 09*1 ,1 - 50* .6 1* 8
6 6+"1 126+"0 .6 $7 " 55) 8 06 E1 ,. - * 3+ 2+8 <+8 62 E."" . 19.2.*6 * +".8
6161 - 04 60 .*01 - . - ./ - .8 06 .4 6 .* 6+ - * U ,. - 1551 6+*.8< .4 *1;
09* . - 5" ,.6 1*0 - .,,0 "+ .8 50 .2.6 6.3+0 J .*, 1."" 1 05 0151 5.+"1 L
.*60 .4 671 - .* ,. - 51 6. - - "2 *0916 + - 4.6+ - +0 .6 3+1 08 ,+ - 21*.
(0" - 9 .6 . ,1* ,0 06+ +6 40 0. ,+ - 8 5 *, 50 5+ 5+ .61 + - .90 06 + -
* 6 1 40 06+ * 0:0*6+ *,0 6+8 *1* - * * 0,+ . 06 (0" - +8 .4 0/6 0 - + - ,1*
"61 15767 3+14 * 7+<+ - 14 *0916 8 1"0 - *0 "" 8 0 6 0 0/,+ .: 6 3+ 550
0" 9 1*0 .66 *0 *0 60 - 5". 0 - .<1 + - ., . * ." 1) - 3+. - + +" - .*1 + -
5160 6.60 - 40:0* 0 5.60 06+ 04 ." . "0 15 - 1 0 ,1*4 6 1*0 09 0<+ 3+0 .6
,1* +"6+ + - * . - ,". 0 - ,, 6 0 - +*6 0 5 1504 0 - .4 $ 1: ", ., " 6+8 -
+ + - 09 09 0 * 6 +4. . ,+<+8 150 9+ ,3+ 4 * 6." .0 06 5.* .0 1 . + 2 + - .,
"1,1 + - - +* 61 + - ,.5 06+ 616+ - 4 09 8 ,+ ,". 6 8 - " 6.2 6 ,1 - - 141 ,0406
G+1 .,00561 0 51* 1 1.) +8 06 A 60 8 5 +8 (0" - . - 5" - 8 .4 090 - +50
*1:. 1040 .6 1*0 - 6 8 ,1*4 6 1*08 .,, 5 0*4.8 06 0 1 516 +8 40 0"9 1 3+14
+2

% $ % ? ? , 6' ? & D
?% ! + 6 (.($ 0 6

+2 - .*+ - 0 .6 3+. - 40 2; ., . 0* 8 5 1,+" 51 6 8 06 - 12 " 2+8 1 + - *
90* 86 . 6.*4 8 ,19 6.*4+ - 09 *.0 +.402.6 4"+ - ""+4 3+ 550 0/ 6+ + 6+1
- +6* 06 ." 0*1 50 ,+"1 ,1* , 51 0 7 *, $ 160 6.*6 2 8 *+50 0,1*, " .6 8
!7.0, .*606+ - +"6+ - $. 0* 0 - , 56.@ * 0"9 1 7 ,%+ 48 4+ - ,". "0.+/ " .
6. .0 06 5.* .0 " 61 . 0140 - 60 - 51 0 * 0 6.*6 2+8 .0, .9 6.*6 09 *.0 0
.4 09*. 0/60 *. 4 ,+ - 5 , 0*6 40 $2"1* . - 0*6 1*0 - *<0, 6A1 # 1*"+, +8 &.
"0*, .0 05 ,15+8 3+1 5 .0, 5+1 * 1 - * 2+8 - .9* - 1 - 0*6 *0916 8 - 6 1 +60
2.6+ 06 +6 4051 6.4,6 .* - . *1 06 . ., 8 7 6 .* 8 ." 0*1 09*1 ,19 6.6 1*0
.4 *1: .8 06 3+. . +- *0 12".6.8 508 .* - + - ,1*:0 60 0 ., "0 *4+/ 6 0
(9 - +*4 +9+ 6 :."06+4 *0 40 50 .6. <. - .**1 +50 1 0 .) .6+ - +0 .6 3+1
" *0) 20 8 40,040*60 08 51 6 616 .06.608 .4 ,1 - 6 1. + - <+ . 04 2.6 0 ,1* ?
, 0*4.0 : . +6 60 *0 06+ 5 - 1 5". ,+0 .6 .*60 - 1 60 - (9 - +*4 +6 ." 3+ 8 #
12 " 6.60 <+:0 8 * $1"1* . - - 660 06+ 3+ 50, 0 0/60 *. 09*. ., 5 2& *, .8
+ 6 .*4 * .+". .0 . 8 3+ 09*+ - ""+4 *0 61 +* 0/ " 8 . - 0 4 ,02.6+
3+.0 ,1*" " . .9 6. 0*6+ ,19*1 ,0 06 ' 06 *40 * (. - .6 . - + 3+0 6 .* 06 .,
090 . .09 16+ - " ,0 06 ."+6. 06 5 1,0 08 0 9. 71 5 608 8 * "1, 8 50 7+ - .*18
*: 0 06 06 ." 3+. - *1 - * 8 E."" , 6161 1 20 ,". 04 5 1560 4 6.*6 . - "1,1 +*
.5+4 018 - *+8 ,19* 6 - 0 - 1 . - 3+. 0* - , / , 6. 06 +6 , . +8 0 06 * 0"
90*41 090 06 . - E.""1 - - .6 1 7.20 51"%06 8 40"04+8 0 6 9 .6 . - 1*
+4 A1.**08 P ."9* +8 5 +8 05 ,15 0/ , *6+20 * 1 " +8 3+ 6+*, $.6.:
.4 - 14+ - <+:0* 8 40902.6 .4 0+* - . . 090 41,+ - 0*6. ,+ - . - 5" " . 8 5.6 8
78 *0916 8 0/0 , 6.6 " - - 1* 6 8 ' 3+ 2+8 ""0 * 6 + 6+8 : . - *9 04 6+ 06 50
& 0**. - U$.**1* .0 6 *0 0 .41 ,+6 <+" +8 0 .6 * $1"1* . - 6 .* 6 +2 ."+
6.6 8 5 ' i ,0 2+8 06 .2 8 - 1 0 90*6 8 .05 +8".+6 - 8 ,1*: : 8 0/,056+8 .4 090*"
6. - 0* 3+ * % 67+.* 4 - + 3+0 <5 1,0" 0 .6 06 2 S* R * .0 .090 40,+66 202.6?
5 1560 .4:0 .0 :."06+4 * 8 * ,1 - - 14+ - .4 - 66 *1* 516+ 6 8 6.*40 - 1* 8
G+ *6 " .4 0+ - - 9 .: 6 ,+ - .**+ - .90 06 *+"" 8 70 04 2+8 0" 4 8 0/
" .206" . 06 .67. *. 1 1 2) 8 J0 4 *.*4 .0 . 8 " .2+8 06 . 2. .8 .4,
& "" . 3+. - *60 0.8 - 04 . - +/1 0 - 4+/0 .6 $1 6 <+ 6. . 6. +6 * "1,1 .2 8
02+8 3+.0 .4 51 - 5.8 *0,0 . .0 +*6 "1*90 4 61 0/6 0 - 0 - 0* 0 40 04 6+
* E."" . - ,19 6. 4 ,105 6 K .9* +8 5 8 6. - 0* 71*1 0. *4 + 4+, 8 - 0*
6"1*0 +2 3+0 .4. 0<+ 3+0 : 6+6 2+8 * ,1*: : 8 01*9 0 2+8 01 - 51 6.1 .6 1*0
61 - - 0*4.6 # 6 5 - 1 7$1"61C + - ? 3+14 0 6 05 055 $"1 ,1: 0*" 8 +91 -
51 6+ - 155 4+ - :0* 6 L .*4 "1490 7 *, "1* .0 0 .6 **. * .*8 09 8 40 +*4
2 1 .4 3+. - V . 21*0+8 *12 " 8 . .".9* 1 - " +8 3+ 5 . - ". "+6.*4 06 ,2 -
:0* 0*4 ""2 ,15 . - 4. 5060 06 &0 + - " . 3+.0 6+*, . 09* 0*.61 2+8 .
06:.2.6+ 0 0/,+ .: 6 .".9* +8 :0 1 50 & 6+".* 0,+*41 "+ - *0 V E04.*+ -
5"6 6 15+"0*6 " - . -] 1 + " .0 + 20 - 06 03+0*6 "" - + - 6161 ""1 0560*6 1*."
6 . 6+ 0 - 51 + - * 1* 6.*6 * ?J0 20 .04 2+8 *:"4 4 . +50""04 " 8 . 90*60.0
,15 . * 6 +4 (0/,056+8 *40 ,1* 00* . *.: E."" , . ,+ * 90"1 J ,.*0* 6
1 - 0+ 50 (+0, . - 06 . . - 0/ 00* 1*0 .4. 51 6 0 - 1 * E."" . - *0+*60
(0/6 " .55+" 6 < +2 <. - *60""04. (9 - +*4 - 1 60 40 71*1 , * (. - .6 . -
- 660 "4. "09.6 1*0 .4 - +0 .6 A1.**08 1*"+, +8 3+ *0916 "" +8 5 1,+ .6 1B
*0 - + 0050 .6 5 - 1 *1 - *.:0 .6 & 4+ - J.2 + - $ 2 ., + - 0 * 0*.6+ $.
0*" 5.6 1*+* : - - *90* 40/60 6.60 0X0?9.*6 . 60 8 0 ,+"6 " - . 0"13+0*6 .
5 .04 6+ - *0, *1< 06 A1.**0 - % +,7 + - 5 - . + - 0*.6+8 E .6 .*151" 6.*

5 .0 40 -

% $? !# ,2* ! $; ! $ 2 / $ 2; $ I # *! $
2a! / !$ 0 #6 " / 2; 1 6$; 3 $ 2 $ 2 ! $ / ! $ 52;# !6 $
! $ 7 ? = * 7 &$ 7 $ (# $ 5 $
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A ʿ) E ʿ %) "

ʿ 5 .0 40 - ʿ (04ʿ ,+ - ʿ 0/ʿ $ 2 ., ʿ 150 .ʿ *5 .0 0*6 . + - ʿ 090 06ʿ % +,7 + - ʿ :0 1ʿ .2 ʿ
ʿ ʿ 0*6 .ʿ "1*9 *3+.ʿ 06ʿ 1*6 ,+8ʿ - 1 2+8ʿ 0/,+ . 0*6ʿ *1 - *.6ʿ + +8ʿ .ʿ 1*"+, 1ʿ
,7 .0"#(0+ 0+8ʿ 03+08ʿ 0 1 1"; - 6.*+8ʿ ,1 - 5"+ 2+8ʿ "09.6 1* 2+8ʿ 0" , - 0ʿ 40B
+*4+8ʿ .,ʿ 51 6 0 - 1ʿ & 4+8ʿ (.*90". +8ʿ .* .,ʿ +8ʿ <+:0* 8ʿ . 8ʿ *90* ʿ 416 2+8ʿ
1 *.6+8ʿ 5 0ʿ . 06.60 - ʿ <. *ʿ 9 .:0 - ʿ 06ʿ .4:0 . - ʿ :."06+4 *0 - ʿ ,.+".6+8ʿ 1*+8ʿ 74 ʿ .ʿ
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.:. ʿ 06ʿ . 9. 6.0ʿ 09 8ʿ 1 1 8ʿ ,0"02 .6.0ʿ +*6ʿ 71,ʿ 0 6ʿ / : ʿ S."ʿ (056ʿ +60 ʿ
6 .ʿ 5 1 04+8ʿ 0 6ʿ 5 +8ʿ - 1* 61ʿ +5 +",.+4 1ʿ ,1 - 60ʿ "",+6ʿ +1ʿ "1,1ʿ 4 / - +8ʿ +6ʿ
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G+. 0ʿ ,+ - ʿ 2 ʿ 4 , "5ʿ 50 ʿ E0 - .* . - ʿ .,ʿ 50 ,+"1 + - ?ʿ 60 ʿ 5 1: 40 06ʿ 5 .0:0 ʿ
60*4+ - ʿ .6+8ʿ .*603+. - ʿ 3+ 43+. - ʿ 40ʿ 0.ʿ 0ʿ 0/5"1 .6ʿ .4ʿ ""18ʿ 5 *, 508ʿ ."".6+ - ʿ
0 "06ʿ .47+,ʿ .090 ʿ 0,". - .*6 2+8ʿ - 04 , 8ʿ *: . - ʿ 0ʿ 404 6ʿ 06 ,7.,"8ʿ .*+ - ʿ *ʿ
16. *9 .ʿ :0* 6ʿ +*40ʿ *<+ 1 0ʿ .ʿ 0ʿ .*09 1ʿ & 14+*0*" 8ʿ 5 .0 04ʿ "09.61ʿ & 1 ʿ
4+*+ - ʿ 06 .4+8ʿ : 6.0ʿ 50 ,+"+ .ʿ .4 : 6ʿ 50ʿ .ʿ ʿ .,0 01ʿ 3+14. - ʿ 05 ,15ʿ + 2 8ʿ .2ʿ
,5 61" 8ʿ ,1*,056.ʿ +6ʿ *60 041ʿ 01ʿ &."0*6 .0ʿ 05 ,45.6+8ʿ .6 ʿ - .9*ʿ *1 - * 8ʿ
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0 *'-;-1 .-' 0:1,.2.6'? E1*4 ;',.040-' &."0*6 .3'5 -1'20""1'<, :"'5.6 .'
6.-'')>)'".1- *08'0 X.'5+9*.-'.2'U 4 06 3', +40" 60'.4' '$06 .- ..-' 1*2 '
1*' *' (09+ .3 8' 1*., ' *' &0*. 0*0* ',1- 6.6+' *0,.618' ' U J+* 0"") -' *'
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* 0*0. *'5.91' 1-5"+ 08' 0' *12 " 6.60' -1 0' - "6. '404 618'.,+**- 0* 0-'
7+-.* -0' 7.2 618 >40 *',+-' * 7 "' .-5" +8' :0 0 0* +<' 06' 0<60-51 ' 6' <+ 3'
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?1# 1*,1*6+ .*.-5)9*.-' -"6+-',6+40" 6.60-'.09 0'6+" "0' 06 +6' E."" 85. ,0?'
06+' 50 . %0' 0+*40-',+-' 0*60*6 .-' *' 1" * ',1* 5 .6 1*0' <. 6' 4060 64'
19. 06+' 0"51*4 "0' 4' *71*0 6+-' 62' 1 0'"',1* " '3+1'40' "" 8' 3+18' .*60.'
6. *' .050'. - 8' 40: ,0 .6' 155 -0*4 8'.902.6+ '.+6' 1, +8'.+6'5 . 6 ,058' 0 6 06' (,'
L'.+60-' 5 +-'4 "+02.6'+6' 090-'516 +8' 0,0"" 6.6,' ,1-5+" +-' 3+.-',1*
!" 1' *'A ""+4' ,1* 0* 0 4 ,, 06'*.-'51 6' :+"*0 .6+-' 1" * +-' 09'- * -0'"'
20 3*Q' * "%1 '3+ 4' .9, 06' "'0* -' *'E+ -' 6 504+-'*1*4+-'6.-0*' ,1*'
6+-'.* -.4:0 60 06' : -'.'$ 160 6.*6 2+8'5. . ' *60) 902.6' G+.- .+60-'"2'
.,' 02+8' 6 8 50 ,+"1 +-'4 06' *' 71- *0-'.401' 515+" 8' 9 .6 1 +-' *4 4.',.+.'
.* -.4:0 6'0 0' *1*' 931 .2.6<' 5< .0 , 6 -' +606 .0' +2 1X'. * .61 +-' - "" .' . '
- ".0' """ ' 40:16.'0 60' 1-708' 0 +76' ' 6.3 0'3+1,+*3+0' "0' :0 60 06' +*4 3+0' .* \'
69* 6 8'5 0- 02.6+ '' 06' 3+. 6+-'" 2' 20""+-'0/504.*4+*': 402.6' * "" 1" * +-' 06'
." 3+36' 4+,0 ' *'5160 6.60 -' 04 90 06'<' 3+14'0 .X'0<+8'.2' * 6 1',1*"" + ' " 04' -04 .'
60-51 0' 5"020-',+-'. 7.6 8' 4+,0'E+" 1 3+'50 ,+"1' +1' .4-1* 6+8' * 7 "' *1*'
.902.6' +6' 50 * , 0-'"2'5. .6.-' -*+,1 +-'50 60' .*60:0 60 06' 09 8' ,1*"" 1' 06'
-50 1' 5 .06, 61' .4' 5 061' 5 +-' 1" * +-' 06 3+163+16' 0/' 0<+8' 03+., 2+8' 0'
50 0' 516+0 6 ' *+""5' 0 504+'1,, 4 ' 0' 40-+-'5.6 .6.' 090-',+-'." 60 *1*'
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-54+- : +"0*6.' .'I' E.""1' 3+14.-' *' E0 -.* .'5 1 +91' =.,7. .0' J " *0 60 '
*1- *0?' 3+.0' ,+-' 3*"+, ' *5-0*' 06' 5+41 0-' .4-14+-' +9 "". 06' *1' 51 6'
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3+18 09 8 *1 - *0 1 .61 +0 .6 06 * ,1 - 6 8 8 .40* 2+8 A .2 6. .4 4 *0 8 1 #
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6+5. .6* 0 4051 6. 5.63 06+ ,1*6+ - ., 60 06? +50 20 0,+ . 06; ".,0 6 3+,
3+.*6+ - 5160 .6 ,1 *6516 8 60*6. "06 ,,3+ 4 .4 ., *+8 ." 3+1 43* 0"0 51 0*6
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3+1 5"+ . 7.40 *+8 3+. - - .*+ 50 09 %06 A 8 - +"6. +2<+ 4. 0 .*6 .4 . *2 6 1
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' , ,+6+8 '06' * 6<"0: 6.60' *'+6 - - 3: ,5. .6+8 '5.". - ' * 1 *'". * 0*. - ' "". - ' 04' , .+ . - ' ' '
6.'$ 160 6 *6 +6*' . 6 1 0 - .55,""42.6'40606. ' <+ 613+0' 0 '<+4 , 1' . "+ 3'4 ,0 0'
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5 0, 2+8 ' <,<+ * 8' . - H +*5 0 +.6N'+ 208' 100 5. +*6 ' 5 1 - ,+ - " 3+0' , .04 2+8'
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+ - 8' .X ' ' 0' ,1*, 6. :0 *6 ' ,2*, 5*08'01 + - '1" *.' .45 0,08<* 6 6+".8' *+*,'
,1* ;0*6 ,+".' 06' ,1 6 1*08' 0 J04.8< *' 3+ 2+8 *1*' 40' 5 06.60 ' 41 H *.' 06' * 1 + - '
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20*41 ' e,' . , ." 8' ,+ - ' 0/60 * 8'5 *, 5 2+8 ' ,+ - ' 04 6 1 8' 71 - * 2+8' 50 '555 4.'
09 .' ,17) 8' .9 6+ ' .4'6+ 2.*4. - '5. ,0 - '20*0 , 1' 09 8'$ 160 6.*6 2+8' ,2* ,0 . - '
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5 - + - ' 06' *' 5 :. 48' ,+ - ' 0""0: 01' ,1) 13+ 8' 40 *'06 . - '5.". - ' ,+ - ' X05 +8' X3 '
,+",. 06 ' 41*7+8: +8' 0 6' ,+<+8' 150 .' 0/' 09 *.3+0 ' *?0140 - ' *0916 1' +60 026+
00' " 0'9 . ; .60'1*+8' + , 5 6' ." 3+.' .+ , 1 3 - ' + - - .' *' 5 .0 0*8'. , ,056.'06' 4 9* '
6.6+ - ' . ,' 71*1 + . ll9 .*4 2+8' 5 2 - " 8' 2*0 .6+8 ' 3+18' ""0' * 0 6 8' - .<1 08' 51 60.'
,1* 0,+6+8' 0 6' ' 06' ,+ - ' 0""0: 01'5 1 04+8 ' 01' *' 0":04 8? 0" 41 ' . 90*61 .6+ - ?
L' +2' 06 . - ' ." 3+.*41'41,+, .6' ,1*,0 " 6 ' +6' 0' . - . - ' ,1 1 0 <+.0" 61' 22 ,+ .6. - d
#0/'5 15 *3+1' 50 'E0 - .* . - ' ,1 - - 14 +8' 5. 90 06' 2 ' .4'J .*, 0+* ' $1 6+ - '
060* 0 - ' ; + - ' E .0,0'414 - + - ' 06' *' . - 6.' 0 0* - .0'5 *, 5 8'$ 0*.6.0' '
'0 . 0*" 8' 1" . ' *' 6.".' 04+, .6+ - ' 05 61 .* ' *' P .+ . 18'f , 2 6'S& ' 6." ' 4 '
4.15 0' *60 ' E."" .0' $ 160 6.*60 8' 71 + - '90*0 .' + "0' 4 ,R' ' ."6, + - '5. , .63 + - <
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4 / - +8 ˢ 616 ˢ * ˢ 60 6 1 *,1 - - 141 ˢ 3+14 0 6.2.6 ˢ 0 - 1:0*41 0 .*6 ˢ 71, ˢ 0 6 ˢ *
+ 2 2+8 ˢ 3+ .0 ˢ 51 6 6+ - +"6+ - ˢ . ˢ $ 160 6. *6 2+8 60*02. *6+ ˢ .+6 1, ,+5. 6.0 +0 .76 ˢ
.412 03+ + - ˢ 04+,0*4 8 ˢ 5 .0, 5+0 +50) . ˢ 40 3+. ˢ *60 , 5 0*4. ˢ <. - ˢ .*60 ,19 ˢ
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51 6 616 ,". 1 + - ˢ : 1 + - ˢ . , ˢ - " 6. + - 4+,+ - ˢ *0,08 ˢ 616 71 - *08 +2 3+0 50 ˢ 616+ - ˢ
09*+ -) , 4.618 ,+ - ˢ 4020"". 6+ - ˢ 1 - *08 * .+". ˢ 0/ 6 - . 0*6 ˢ 1"18 0 506 ˢ 06 .4
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+5 2. 61* +8 ˢ ˢ 0"". : "". ˢ 6 0 - + - ˢ. " 3+16 5 .0 0 " 3+ ˢ 6.6 - ˢ. ˢ $1" * 1 0:1, .6
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" ' +*6 ' + - ' :0 1' +50"". * ' : 40 0*6'. " 1'.63+0'. " 1' - 141' .4 - ' *. . ' #4 :0 08
' ' <. - ' " 60 .8' 09 8' *1 - *0', ,+ - :1" 6. 0' +6' (6 1CC .* - + - '50 4 6. 0*6+ '.4',+ - '
, 2+*6 ' 06',+50 0' 0' 40' 0'616.'.2'01',0 6 1 08' 0 '1 60*4+*6'< + 2, - ' *60 - ' - + '
* +*6 ' 06' 6.6 1* 2+8' - .*6 ' 06' 50 ' 1 61' 09 1*08 ' *'3+.8' +* :0 .'4 2+6. 6'
4+,08' - " 6. 0 8 * 6 6++*6 ' .,' *9+" 8' , , ' 71 - *08' *0' 6 50*4 8'.66 2++*6 ' 1/'
*' + 20 - ' 0/' : , *.' *12 " 6.60' ' 0 0',1* "+/0 +*6 ' -'5. 61 08 ' , 1' ' - " 608'3 <'
.'$ 41* 2+8 ' (.*61* 2+8'06'"1*9 *3+ 1 2+8'5 1: *4 8'41*<1'5 1 +9 ' + - ' (6 1CC '
- 0*60 - '60*6. *6 ' 06' ""0'. - 2 9+.' 0 0' 0 , 2 6 '.""..6.0' +*6' 09 8' " 60 .,' 'S." (056 '
, 56.0' ' 3+ 2+8' <. - '4 :0 .' .'5 1 2+8' .6 1*0' .4+ - ' 0/ ,+ .2.6 ' 4',+"5. - ' 0 ' *'
1" * + - ' 3+ ' 4060 6. *4.'.+4., .',1*6 .' 0 ' 09 *. - ' .6 08 ' 06' .:. + - ' 5 + - '
,1*<+ ." 06 ' 0< , 02.6 ' 40',060 1':0""0' 0' 60 6.2.6+ ' +6' 04 4.' *' 9 .6 . - '$ 16, .* '
6 + - ' .4.' 0 :. ,*6+ ' 01 3+0' 71 6.2.6+ ' +6' 40 - 0*6 .0' +.0',1* ' *' 40' 50 0'?
:0 . 0*6 ' 06',060 8' + 2 2+8' 40 ' 06' 12 03+ ' 0/0 - 5"1'5 .0 0*6 ' ' +40:. 1' . '
:. ' +/1 8' 4 50* .61 ' 50 0 ,*4.0' 4.6.0' 0 .*6 ' + - ' - .*4.6 8 ' +6' 1*+ - '5 .0 '
04+ - ' .' 090' - 51 6+ - ' *6 .' + 20 - ' ., , 50 0*6'< *0 - * ' 04 6 1 1 + - 7+,') +,'
4 ,+ .*6 + - '06'.4'. - .'71 - *08',1*, 6. *6 + - ' 0,056+ - '4. 0*6 ' 06' 3) .*3+. - '.4'
: 6. *4.8'6+ 2.8'5+2" ,+8' + +8',1*, 1*+ - ' 09 8' - .*4.6 8' *60 4 4+8' 0 "06' " 20 6.60 - '
' + 20',1:0* 0*4 ' ,6 *0 0*6 ' G+14' 40',1*<+ .6 1*0' 1" * ' , 56+ - '06 ' 0",7 1 '
, 1*50 .6+8' .:. ' 3+ 6. * .0'5 .0 4 8' "09.6+8 ',+ - '2 + 4 9.". - '5 1 , ,0 06+ '
7.+4' "1*90' .2' + 20'6 .* 0*8' 4.6 8' .4' 155 4. *18') 60 8',1* - . .6 ' """< :0 1' +6 "0 - '
02+8' + 8' .4' .*90*418' 09 1 + - ' - 506+8' - 1 . - ' .4' 60 - 5+8' 4+,02. *6 ' 06' 0' - '
50 .6.' .4+ 18' 1 60*402. *6 ' 7141',15 .0' - " 6. 08 ' 3+.0' .4' 51 6.8' + 3 0' + 2 8',1* '
6 * + .' 0/,+ 0*608' : , * + - ' .9 + - ' <. - 4 +' :. 6.2.76 ' 4 - 660 0*6+ ' 06',". " 8' *40'
4 ,040 06 ' +<+8' 0 ' 508' 0 8' .4.' .' (6 1CC 1 ' ,1*,0 ""8',1 - - 0.6+8' 0 8' +6' .4'
090 - ' 40"09.608' - 660 0'51 0*6 ' 3+ ' 40',15 8' 4 - 660*4 8',+ - ' 01' .9 0*6 ' .0,' 6.'
5.2 - '4 ,02. *6+ ' 04' +55 0"%1'.+41 0'." +4' 0 51* + - '.,0 2 +I *12 " + - 4+4 %'
+ - ' 06' 155 4. *1 - - ' *1 - *0' .4' " 60 .8' 09 .8' 'S." (056 ' 0:+"9.6+ - ' 0 '< ,+<+8'
7.0,' + - - .'0 .6' ' 0' 3+ 40 - ' 40' 09 09 .' 09 8' :1"+*6.60' *+*3+. - '4+2 6."%0' ' - * .*0'
6. - 0* ""+4' *.+4 6.0', +40) 6.6 8' ., *+8' .6 8' 1 60*40 0 ' 090 - ' *1*' 0/' 0' "13+ ' 04'
E+ " .*18'. *6 3+08' 09* ' 06' 5.48' 71 60 8' 09 8' *1 - 0*' 06'.+41 6.60 - ' 0 - 0*6 ' 4' 0/'
.4:0 8' .63+0' .401',1*6 . 8' 09 8') 60 8' - .* 0 60',1") 9 ' *. - '5 1 2+8' 090 - '
.4+ - ' 4060 6. ' 0<+ 3+0' ,+"5. - ' *' E+ .*1 + - ' .+4., . - ' 0< ,0 0< .6' 0,+*4 N'
6. *6 ' 0' ,0"0 8' .+41 0 - '5 1 60 ' *+"".' :0 1' 2 ' .6 1*0' 50 +.40 ' 51""0 ' 090 - '
156 - + - '.,',"0 - 0*6 "" - + - ' 6."0' 3+ 43+. - ' <+ "%0' . - ' 4'." (- . 0',+ - ' *1 - * 8'
+ ' * . - . 3+14'5 +8' *09. :0 .6 ' 60 6. ' 0' 04 4+ - ;0 "0' 0 :. ' 06' 0140 - '4 5"1 * .60'
5+2 ,. 7' 0" 9 1* 8' .4 - * 6 .6 1*0 - ' ,.5 6.) 8' +55), ' 510*.',1* 6 6+6.'5 17 20 0'<
40* 3+0' 1 1 8' 90 - .*.0' 51* ." 1 + - ' 5 06.' 0" 9 1*0' 06' ., 1 .*41' 71"5 6." 8'
- 0* .0' <+ 0' : 1".61 ' *' 616' 5 1,0 + - ' *12 " + - 1 6 "" - 1 + - ' : 1 + - ' 616' - + '
0 + - ' 06' 5+0 1 + - ', .5 6. ' *+""1' 4 9* 6.6 8' .+6' 0/+8' 0 504. ' .0: "0 ' 3+ 4' ." +4'
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50,+* .',+ - ': 6. - '.' 1* 0 .*41' 040 - "%06 ' : /' 50 ,+"+ - ' 0: ." 6 ' ,+<+8' 06' .0408'
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,, :'71 - *08'1,, ' - 0 - 1 .*6+ ' - +"613+0' - .<1 ' ,.0408' 04 6.' 0 "06 ' * "0',' +, '
, *.006' . "60 + - ' + 2 8' ,. 60""+ - ' 5"0 "3+0' 155466+*+ - ' 50 +9 + - ' 5 .02+ "06' A.B
,12+8' 0*04 6+8' . 9.2. 61*+8' ,+ .0' 5 *,058'50 ,+"+ - ' - 1 6 8' *' 01' 6+ - + 6+'
.4 : 6' : /3+0' 150' . - ,1 - - ' 0 :.6+8' 06' .' 0' +50"".0' *+*, .6.' 1 - * 8' ,1* '
,5 4 .0' 508'5 .0, .'0 6' ,+*4.3+0' .4': - ' + 6 *0*4. - ' ,1 - 5. .6.' 08' 6. - ,*' + +8'
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,,*<+*41 ' 3+ ' +50"".0' *' + - - .' .+41 6.60' 0 .6' 0 - ' - * - 0' 0 0*4. - ' .63+0'
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3+1'& 90.*+8' :0702.6+ ' ,.56+8' 0 6' (04' ,+ - ' .* 6,57.*+8' %+2' 4' *' + 20 - ' :0* "06'
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0/ 6 - .*60 - '6 .*8 9 6' < 0,' *+"61' 51 6 (.* 6057.*+8' 5 0' 0" 4 8' +50"".* 8' 3+ '
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01 3+,'6 *+ 4 *.'40*+*, .6 1*0' +6' 41 - + .' 040.*6 ' , 6. ' ,+ 0*6' 0,+ 6.60 ' <*,1 '
+ - 6.60' 06' 256"1 + - '1 - * + - '" 20X.'51 "0 1*0' .,' 0 6 6+6 1*0'5. 0*6 2+8' 5 1 - ".'p
* '5. +0 *6 ' 21*.'01 - - ' .**16. ' 06' 50 '5 1,+ .65 08' 09 08' .4 + * 6 . '<+20.*6
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3+1' 0/' 0* /0' 5 17 206' *0' +) 8' 8' 0/,056 8 3+ ' ,1*6 .' 0" 1*<+ . "0*6' - 1"0 6 ..+6'
50 ,+"+*3' 12. 0" 9 1*0 - ', 006+ '' 6' 3+ ' ,. ,0 2+812' 4' .66 *0.*6+ ' 1":.*6+ '21*X8'
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50 ,+"+ - ' 5 15 5' 5 0 ,+"1' "+. 6 ' .0' 01. 090' 40,0 *02.*6+ < +6' 6.*62' - .9 8'
$ 160 6.*6 + - ' 3+ ' . - .' "+ - 5 0 .*6 ' .4 1' 402 " 6. 06+ ' .+"6 8' 0' *12 " 6.60' 5 .0 '
4 +0' 0.'04 41 + - ' - .* +,6+4 *0' 45 - + - ' 0:1, .6 8' 3+ ' .+6' 0/6 .' 09*+ - ' .+/ " .'.'
5 *, 5 2+8' ,.+ 00' $ 160 6. 6 +* ' .:0*6 2+8' 1" , 6.6+ ', 0402.*6+ ' .+6' *' + 2 2+8 '
.4' 3+.8' ,1* +906.*6 ' - +"6 6+4 * ' ,1*"+ .0 '5.: 4.0' .,' 0 0' - 20"< ' 0' 4+,08' 5 .0 '
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01*6+"0 .6' .4' . , ,0 0*4.' .+/ " .') R6+*6?' ' +0 0? '$. 4 "". * +8? ' ".+4 +8' ' 1" *+8'
5. 61 ' 06'A1.**08? .: 4' + 2 8' 40 ,+ 1 ' 3+ 2+8' 60 - 50 6.60' 05+" 1 + +8' - 66 6+ '
A1.**08' '$"., +8' ' %.*40 - ' ,+6* +50"". * ' *+"" 8' .6 1* 2: 8' .44+4 51 "0*6' +6' '
1*+ - ' 5 .0 04+ - ' .4 - R60 0*6' 06' "2 ' *1*' :0 2 8' 04' 41*0 8' 5 9*1 2+8' , .:0 '
51 6+". 0*6' 0/' : ' 4' 1: ' .4' 4*+*' - .*4.6.' 4.68' 3+ 2+8 +50"". * 8' * ""
*0' 0/ ,056 1*0' 06' *+"". ' *60 51 6.' * 1 .' 5 - ' .4 * 660 0*6' 20""+ - ' 40*+ 6, .2.6 06<
+6' ,+ - ' 8' 6.*3+. - ' 50 4+0"" 2+8' .,' 020"" 2+8' 71 6 " 60 ' .90 06+ ' - .*4.2.6' + - '
,+*4.' .4' 20""+ - ' 5. .*6+ ' $56 +8' $.+"+89%1 - 9+8' J"1 0*6 *+8' :060 .*+8' 4+/' 06'
.* ' A1.** 8' 5 .0 04+8' ,+ - ' $.+"1' 0 - " 4 ' J" ,1' 06' ' E 09061'A+ 6 * .*1' E0*+0* ' I
" 2+8' 06' +9+ 6 *1' . - 0" 1' $.+ 0* ' - +* 6 1*+ - ' 00"02 ' . ,7 6041' .4' ' + '
50"".0' 6+ - ' 06' 51 6+ - ' 0/5"1 .*4+ - ' .":0 3+0' : .4+ - ' 50 ,1*6.*4+ - ' , - ' ' 6 0' '
* 2+8' - 66+*6+ ' ' 3+0 - ' +6' 40' 5 1/ - 1' ,19*4 ,0 0*6' 0' . 09 8' .4' 655 4 * 8' R0 .8'
7.20 0' " 9* , .) 6' 0. 3+0' 50 ') 48' *' + 20 - ' 6 .*8 0 0*4.8' ,+ .*6 ?' *' 64* 504+ - '
+50"".0+2 ' :0*0 0 6 0 - 08' 4 , 60 ' - 0 4 0* ' %1 *9+8' "1*9 +8' .2' + 20' <.4 8.* '
,1 8' +2 6 6 6' J" , .*.' 6 0 - 8' 5 15 +8' ., ,0 6' 06' .":0+ 7' +2 R ' E 0906+ ' ,+ - '
+9+ 6 *1' 6+ - ' 6;"1' 405 *90 0' ,1050 .6' 4+ - ' *60 *+*, ' , .57.0' - 51 6' *' + 20 - '
50 90 0*6' 4 +6 +8' .? 40 ,+ 1* 2+8' 06' .4' *14 8' + 3+0' , 05+ ,+"+ - ' 440*6' ' ?3+ 8'
J" ,+8' 4 +' 5 .0 61".6+8' ,+ - ' 0/' * - .' - 1 .' ." 3+ 4' * 6 ' *60 :0* "0' + , .6+8'
0,040 0' :0""06' *9 +0*60' +2' *240 - ' : ." 4 " - 1' :0*61' 5 17 2 6+8' 0 6' ,1*6 *+1 +,'
' (' *.: 2+8' 1*0 . 8' 06' : ' .4+. 8' " 6+8' "090*6 2+8' 4+,0) 6 1' .4' * +". - '
D 06 . - ' .4' 20"" ' .6 1*08' ,1 - - 0.6+' 1551 6+*. - ' 1, ,+5.*4. - ' 5 1 41' 5 - .? : '
9 " .<, ,+ - :0* 6+ ' < ,+ - 3+0' + - - "".' :1 ,0' :0".' *90 - *. 06' 09 ' 6.*40 - ' 1 - *1'
0/ , 6.6' .4' . - . ,1*,". - .*6 066 0 . ,7 ' +6' ."6+ - ' 506.*6 ' 0 - 9 2+8 - 50 .*6 3+ '
6. - 0*' +50"".* 8' .4' " 20 6.60 - ' 018' :1 , .*6 2+8' 0 - 8' +2".6 8' ,+ + - *7 2+0 +* '
2 ' 09 ' :0*61' .4:0 1' 06' .0 6+' ,1* 6 4.6 ' .4' 7.0,' 0 - 9 1' 40 6 6+6 ' 3+14' 0" 3++ - '
0 .6' . - .' 0/504 +*6' 04' , 02 8' 61 - 0*61 + - ' 4 2 8' 5 " .6' 06' *+ - 0 1' 155 0 '
6.*40 - ' ,0 "0 0' E 0906+8' 4+ - ' . 056.' 2 50**0' 0 1 - ' 71 60 84050""0 06' 9".*4 0'
5"+ - 20.' 6 .< ,R+$' J" ,+8' 4+5" , ' :+"*0 0' 04"0& 6 06' 4+8' , +*' +9+ 6 *1' , .5 6+ '
% 0 - 8' - +"6 8 4 2+8' 3+. ".6.' ,+ - ' 0 7 9 2+8' .24+, 6+ ' 3+ ' 52< h 0' 2"+6' +*6'
%1 *9+8' 3+ ' 561 +' *40' .20 .6' ,+ - ' 8' - .6+ 0' 150 - ' 0 0' *1*' 55 "06 ' 06' 71 6 2+8'
- 5. , "06' 6 0 . ,7 ' ,1* " 1' + +8' 01*; 0 8' :0" 8' ,1*6 *0 60 - ' .4*.: 9.: 6 U
' # &' 20)! ' .50 61' 60*6. ' ,1056.' +50"". ' 04' "0*6 +8' * 6 1 ?.47 2 61' 0/'
1, ,. 1*0' *1:1 .4' 155 4.*18' .4 12 03+ + - ' "040*418' 0 - 04 1' E+ - 5.+"1' .*60'
1' 1*608' *' .*71* .' 3+ 2+8' 0' J .*, ,+8' .*1: +8' ,+ - +41: ,1' . 1: 1'
,"+ 0 .6' .4' 6+ - +"6+8' $. 0 8', +* ' 5 .0, .' 1 - * ' .+/ " 1 + - ' 50' "2.*1' 404 6'
0 0*6' 3+.' 40' 0' - 1 ' 5"0* +8' 4 ,0 - +8' 51 6' 0+ - ' ,. + - ' J .*, ' .*1: +8' 3+1' 0' 0'
, 50 06' 4+2 +8' .' ' 1*9.:) ".0' 4+,0$,. 4 .0' 5 .0" 4,' :060 0' . - ,1' *: 6.6+8' V' *' .+ '
". - ' ,1*60*4 6' +2 ' 5 .060 ' 50 - ' 50 7+ - .* 60 ' 0/ ,056+8' 0 6? ? 0/' 51 60.' *' "20 6'
E1*4 .04 2+8 04+4+ - ' .4' 5 : .6 < - ' ,1""13+ + - ' .4 - 6' 0/ ,+ .6 3+0' .5+4' - 1 '
40 6 " - + - ' : - ' 3+ 2+8' :1"+ 6' .6 1* 2+8' 3+.0' 6+ - +"6+' $. 0* ' ., , 40 .*6' .4.'
06 . - ' 21*1 + - ' %0" * ' ,+<+8' ""0' 1 1 0 - ' *' +/1 0 - 4+/0 .6' 9 .6 . ' .+4.6.36 0'
0<+8' *609 6.60' ,+ - ' + - - .' 1 6 6+4 *0' , , *<+*4. 06' ." 0*1' .2' 1 7 ' .4 1*4' *90 '
* < .4' 0/6 0 - + - ' 19.6' .,' <+206' +6 5. 608' +.8' * 0 51*.6' 06' 09* ' 6 .*3+ "" 6.6'
- +" .,' +5,"".*1 + - ' ."+6' 150 . - ' *. : . 0' :0" 5' ' 3+14' .4+ + - ' 0+ - ' 0.40 - ' 150 .
' ? 40 - 1* 6 .6
& ' % ' ? .4' 090*6' ,1*60 6 4 ' .' 3+1 5 .060 ' AN 1 4
' - G " 4 " ' 2' ' 0 ' ' $ ' ' 4/ ' 2 ' ' ' ' '
> 0' ' 4 ' U 6* ' ' ' ' ' ' * ' ' 4 . /' # ' ' 3 ' >
, $ " ' , D ' ? " ' 4 . ' " . [' Y ' $' G&& $' * ' ' ' '
' B ' N ' ' ! ' ' ' 5 ' : ! V ' 5 6 ' ' ' , 0 . " #

(%   "   )   ˁ   ˁ   ˁ   Uq

40 - 1 * 6 .6ˁ "" 18ˁ . ˁ 5.48ˁ ,4 * " . . - 5"04, *4.ˁ "04 0 06ˁ + - ˁ .* : +8ˁ 0ˁ * 6 4ˁ "
0/ ,+ 06ˁ 06ˁ6. *61ˁ *0916 1ˁ +6ˁ - 5. 0 - ˁ.+6ˁ - ++8ˁ 41*0+ - ˁ1 60*40 06ˁ * 6. *60ˁ6. *ˁ ˁ ˁ
40 - ˁ 090ˁ - 50 + - ˁ . , , 5 6ˁ0. ˁ"090 ˁ +6ˁ60/ˁ .4ˁ . ""0*418ˁ 018ˁ 0ˁ .4 - * 6 1ˁ +. :0ˁ6. *ˁ
3+. - ˁ5 14 61 8 ˁ 150 .ˁ - * - 0ˁ +60 06+ ˁ ˁ 71, ˁT* - ˁ .2ˁ *90* 1ˁ +4ˁ06ˁ40,4 0ˁ 3+14ˁ
:6.ˁ .5+4ˁ , ˁ 5 .051*40 06ˁ +66 *.150 0ˁ .271 60 0 *ˁ 0. - 3+0ˁ 0 - ˁ 4.6.ˁ .ˁ 090ˁ 40ˁ
2ˁ , . :0 ˁ : 1"+ 6 ˁ 6.ˁ +50"". - ˁ - 66 6+ ˁ 0 .4<4 64ˁ A1 ˁ .56 6.Dˁ&.4.9* 1ˁ J"1 0*ˁ
6 *1ˁ 50, 0ˁ +6ˁ 8ˁ .4ˁ 090 - ˁ 0 0 06ˁ 0ˁ 60 .ˁ 06 . - ˁ +6ˁ 0<+8ˁ 1 - * + - ˁ .4 1*+ - ˁ * ˁ
50 61 ˁ : 0"+ 6 ˁ06ˁ0/5"1 . 1ˁ0"%06ˁ3+T4ˁ ""0ˁ717ˁ9 . : .60ˁ6+" 6ˁ + - ˁ0* - ˁ7+<+ - 14ˁ
*0916 + - ˁ + *1 2+8ˁ06ˁ , ." - * 8ˁ T2*4/ +K67: 4 0 06 04ˁ66 .9 8, +5 02.6ˁ +6ˁ .2+6 .3+0ˁ
5. 60ˁ50 5 4 ˁ51 %06 3+.ˁ *,0 6.60ˁ . ,ˁ 40ˁ *ˁ03ˁ :0 . 06+ ˁ * 6 1ˁ *1*ˁ .4 - +8ˁ 0 6ˁ
*6 . ˁ + 20 6ˁ<ˁ 04ˁ .4ˁ %.41*0 - ˁ : ,+ ˁ ,1*4 .ˁ 4 0ˁ .4ˁ 1*.8ˁ 1:0 - 2 0 8ˁ ,+ - ˁ
&.4.9* 1ˁ : 0* 6ˁċ 2ˁ .ˁ 40"09.6 8ˁ) 2 8Iˁ ,0 6+ - ˁ<1,1*0ˁ .*ˁ ,1*6+ - 0" .0ˁ * 0 0*4.0ˁ
. - - 1ˁ * 4 9*0ˁ . , ,056+8ˁ0 6ˁ . - ˁ 0 - ˁ51 6ˁ ."+6.6 1*08ˁ 3+.ˁ 40ˁ , .+ .ˁ 06ˁ ,+<+8ˁ<+)ˁ
:0* 06 1*9.ˁ 1 .6 2*0ˁ 0/52 + "06ˁ 5060 063+, ˁ +6ˁ 51 6+".6.ˁ 0<+8ˁ .4Uˁ ,1*, " + - ˁ 0ˁ
0 0*6+ ˁ* ˁ." +4ˁ 0 51* + - ˁ6+" ˁ 3+. - ˁ 0ˁ .ˁ .6 1: 1 ˁ 3+ ˁ 0,+7ˁ ,2""13+ ˁ :0 06ˁ
, :1, .618ˁ0 "0 ˁ 04ˁ .*1: + - ˁ + 3+. - ˁ ,2 - 5. 0 0;ˁ *0, ˁ0+" ˁ +2ˁ " 6ˁ : 40 0ˁ 4+1ˁ
3+0ˁ51 6ˁ ,+ *ˁ0240 7ˁ ,17:0* "0* ˁ 0.40 - 3+0ˁ06ˁ51 6+".6.ˁ06ˁ 0 51 .ˁ5. ˁ :0 21 + - ˁ
"+4 2 1ˁ06 7 50 6.60ˁ 05066.ˁ0 60*6ˁ .*4: +8ˁ - . fˁ 0ˁ4 / 6ˁ 3+ ˁ6. *ˁ , 62ˁ0<+8ˁ - 0ˁ
- 1 . - ˁ4051 "0* 6 ˁ3+ ˁ .*60ˁ6 0** + - ˁ5 1ˁ01 + - ˁ ."+60ˁ . , ˁ40 0*" 1*0ˁ616ˁ :+"*0 .ˁ
. , ,05 606ˁ2 . ,7 + - ˁ06 . - ˁ5+9*. "42ˁ . - ""%06ˁ %+ - ˁ40"09. <ˁ 8ˁ3+ ˁ1" - ˁ *12 ,+ - ˁ
,1*<+*4" "" 5+8ˁ *1 - *0ˁ .*1& +8ˁ & / 6ˁ ." . - ˁ 3+. - ˁ6+ˁ *+*, I50 1*. - ˁ .5+4ˁ *18ˁ
90" 6ˁ 3+18ˁ ˁ, .+ .ˁ ,1 - - +*ˁ - .9*.ˁ : 6+60ˁ . ,ˁ 1* 6.76 .ˁ6+0*41(ˁ 50 506+1ˁ + ,0?ˁ
5, .6ˁ *0, ˁ 5 1 - " 8ˁ ,1 +56+8ˁ *.* ˁ 5 ˁ *18ˁ ."+ 6ˁ . <6ˁ *60 51 61ˁ . - , 6 .0ˁ 50, ˁ
,1""13+ .ˁ5 14 6 2*0 - ˁ66 1" 6+8ˁ0 6ˁ "" < 8ˁ6+3+ 40 *ˁ 28ˁ .6ˁ&1"+*6.60 - ˁ *033.3+.*"ˁ
0 0 8?ˁ G+. - 12 0 - ˁ .4ˁ6)18ˁ60ˁ50*.608ˁ 0, 50ˁ Ah2+8ˁ :0 2 8ˁ "".6. *ˁ " ˁ *ˁ<+ . - ˁ
,+ - ˁ +** - .ˁ 5.6 076 .ˁ4 " - +". "06ˁ< 6.*40 - ˁ 5 0, 2+8ˁ 50 : , 6ˁ +6ˁ " ˁ 51 6+".6.ˁ .4ˁ
0*.6+ - ˁ 0".6+ 18ˁ 0ˁ5 1 - 660 0*6ˁ %.*40 - ˁ *6 .ˁ * 20 - ˁ 4, ,056+8ˁ0 6ˁ * 6 1ˁ 5"02ˁ
*: +8ˁ ˁ 2 2 ˁ 0ˁ 5 3ˁ2 - * ˁ .4ˁX1 6+"46.ˁ 0 51* 1ˁ .2ˁ 255 4.* 8ˁ6 08ˁ ,1* 4 6 2*08ˁ5 1ˁ
51 6.0ˁ ˁ 0/ˁ 8ˁ 3+. - ˁ : ," 06ˁ0" 90 06ˁ ˁ " ˁ5 : .6+8ˁ * , : 6.60 - 0, 5ˁ : 0""06ˁ 3040 8ˁ
5 . ,4 .ˁ4 9* 6.60"3+0 ˁ3+.8ˁ60*+ 8ˁ01 +*.ˁ 0"5+2" .ˁ5 .020 051 06ˁ .2ˁ0.ˁ . , , 50 ˁ<
ˁ - 50 + - ˁ - .""06ˁ ,+*4. - ˁ *12 " 6.60 - ˁ - " 60 3+0ˁ " + - ˁ 563 + - - 1ˁ 4+,0ˁ 40"2ˁ
9, 0ˁ 0<+ 3+, ˁ .+ 5 , 8ˁ06,1* " 2ˁ 0 - ˁ 90 0 0ˁ5. .618ˁ 1 60*4+*6ˁ< 3) 14ˁ ˁ 7.8ˁ ,1*4 ˁ
6 1*08ˁ 0"5+0 06ˁ 06ˁ .2 6+ - ˁ5. . 06ˁ 3+. - ,+*3+0ˁ : 0""06ˁ *.: - ˁ ,1* ,0 40 66ˁ 0. , ˁ
" + - ˁ *ˁ 9" . - ˁ .4ˁ 1, 18ˁ6 .*"51 6.*4+ - ˁ 04+"3ˁ0+ .6+ 18ˁ &ˁ 8ˁ .*1& +8ˁ 51"" ˁ
3+. - ˁ , + - ˁ&.4.9* 1ˁ ,2""1, +6+8ˁ0 6ˁ "". - ˁ . , , 5 6ˁ 3+.0ˁ064 9* 6.6 ? +.0ˁ - .9 8ˁ ,1*ˁ
:0* ,6ˁ06ˁ3+.0ˁ "" ˁ + - - . - ˁ *ˁ+ 20ˁ4+42 6.60 - ˁ " ,) . 06ˁ ˁ366.ˁ52 60. ; ,+6ˁ 09ˁ
6, ,05 .6ˁ .4ˁ *," *.*418ˁ .4ˁ5. ,0 - ˁ 255 4.*2 + - ˁ .* *28ˁ12".6.ˁ1, , . 1*0ˁ +60 06+ ˁ
".0 .6ˁ +6ˁ - 50 + - ˁ0" 90 06ˁ ˁ3+14ˁ "" ˁ - .9*1ˁ *12 " 6.6 8ˁ - " 6+6 ˁ06ˁ155 4.*1 + - ˁ
,1* 0* ˁ 40"46+ - ˁ 0 6ˁ .": .ˁ ˁ .<2 8 ˁ 6.5 *, 50 .ˁ40,+ - *+ - ˁ06ˁ5. + - ˁ :1, .*6ˁ
*ˁ 02+8ˁ ." 8ˁ4+ (61 6.60ˁ 6ˁ .*0ˁ *60 ˁ + - - .(ˁ .7966 .8ˁ0<+8ˁ .* - +8ˁ ,1* " 4.2.6+ ˁ<
: /3+0ˁ ˁ4+22+8ˁ ("60 + - 0 J+90 0ˁ ˁ51 0 5 1& 402. ˁ 3) *ˁ .+6ˁ 0ˁ 09ˁ4.6.0ˁ5.ˁ
+ - ˁ - 0 - 1 : 40 06+ <ˁ .+6ˁ +50"". *28ˁ .6 +0ˁ .401ˁ , .+ < 3+. - ˁ6+02.6+ ˁ 5 14 ˁ
4 0ˁ * - +". 06+ ˁ<ˁ 6.ˁ+6ˁ06ˁ " 2 ˁ .050ˁ& 6.ˁ - 1 60 - ˁ156.2 " 1 0 - ˁ4 ,0 06ˁ 06ˁ 1 - *0 8ˁ
0<+8ˁ71*0 6.8ˁ .6 1*08ˁ , 6 .ˁ 0ˁ1 J0*" 1*0 - ˁ" 2 3+.0 0*4.8ˁ4+,0 06ˁ 3+14ˁ&.4.9* 1ˁ
.05 +8ˁ .4ˁ 0+ - ˁ 01 - - 0.*6ˁ ,1* *. : 6ˁ (04ˁ 6.*6.ˁ 0 .6ˁ : ˁ **1,0*6 . ˁ6. - 3+, ˁ
,1* 6.*8ˁ1 - * + - ˁ40ˁ0<+8ˁ 40ˁ . , ˁ, . 41 0ˁ15 * 1ˁ *6ˁ *0 - 1ˁ .4.ˁ4 4. :0ˁ0<ˁ+8ˁ *ˁ - .". - ˁ
5. 60 - ˁ *60 5 06. 06+ ˁ 6.370ǁ3+. - 4 +ˁ .5+4ˁ +50"". *18ˁ + 6ˁ +2ˁ *+"".8ˁ 156 - ˁ
- 50 .61 8ˁ06ˁ . ,0 - ˁ +.0ˁ , . . , ˁ40 0* 1 8ˁ5. 608ˁ5 .060 - 6ˁ * 7 "ˁ *4 9*+ - ˁ
ˁ ˁ ; ˁ ˁ ˁ : 1
& ˁ % ˁ L 0*.6+ - ?_@ˁ ˁ ˁ
$ 9)!/ 2")$

& 1ˢ 5 121ˢ ,6ˢ 1 , 1ˢ 5 1 - "2ˢ 0, 0ˢ .ˢ 090ˢ 0/ - .6+8ˢ 0 6ˢ ˢ 06ˢ 51 63+. - ˢ .2ˢ 8ˢ 4 $ˢ
ˢ ˢ ,0 6ˢ ˢ 3+14ˢ 1 - *0 8ˢ 5. , 8ˢ ,1*4 6 1*08ˢ 05+4 . ˢ 41"0 0" ˢ *1*ˢ 5 1560 0.ˢ *ˢ 6 .*8 +9.0ˢ
06ˢ 5 14 61 8ˢ 15 * 1*0 - ˢ .5+4ˢ *50"". *18ˢ *,+ 6ˢ ' 3+1 + - ˢ 06ˢ 40 ,* 1* ˢ 5 .0 0*8ˢ
4. - ˢ 150 . - ˢ *. : . : 6ˢ 06ˢ .2 0*8ˢ 3+.0ˢ .4ˢ 01 + - ˢ ."+60 - ˢ 50 6 *0 0*6ˢ + - - 1ˢ 6+4 1ˢ
0 - 50 ˢ 5 1,+ . : 6ˢ . 13+0ˢ 0ˢ 20*0 , 1ˢ .2ˢ +6 .3+0ˢ 5. 60ˢ 0. *ˢ 9 .6 . - ˢ ,5* 0,+6+8ˢ
0 6ˢ +6ˢ *0,ˢ 0/ˢ 1 , + - ˢ *0e+0ˢ +50"" * ˢ 40 - ˢ "" +8ˢ *ˢ 01ˢ *0916 1ˢ 40 40 . :0 *6ˢ
(50ˢ ,1*,1 4 .0ˢ .*1: ˢ *60 :0*6+ˢ .*, 0*4.0ˢ 40 50 .6.ˢ 5 4 0ˢ 1* ˢ 0, ˢ ,15 .0ˢ
1 - *08ˢ "+ 6 .*6+ ˢ ' 06ˢ ,"15506. 1 + - ˢ 0/504 61 + - ˢ 3) 2+8ˢ $7 " 55+8ˢ (6 1CC +8ˢ 5 1ˢ
.*6 3+0ˢ +1ˢ 5040 6 8ˢ - " 6 .0ˢ - 50 1ˢ 5 .00 .6ˢ / :ˢ ,171 608ˢ 050 6 0ˢ +*6ˢ 03+ 6+ - ˢ
50 0/ 9++8ˢ *+ - 0 +8ˢ %+ *ˢ 0ˢ *ˢ ,1*, " 1ˢ 40" 20 .6.ˢ % 0ˢ 155+9*.6 1ˢ *,71.6+ ˢ ' 36ˢ
1*+8ˢ 5 0ˢ +50"".0ˢ 5 .0 04+8ˢ .ˢ 090ˢ 40 9 " 06+8ˢ 0+ - ˢ (6 1CC .* 8ˢ 06ˢ - . ,7 *"8ˢ - + ˢ
." 2+8ˢ .4ˢ + 20 - ˢ . , ,040 06ˢ & 4+8# ."" 1* +8ˢ " +4.0ˢ ,1 - 08ˢ $ 41*+ - ˢ 5 .0 04+8ˢ
2ˢ . .*+ - ˢ +50"".*1 + - ˢ - +* , 5 + - ˢ 60*6. 06ˢ 1, - ˢ 6+02.6+ ˢ 1 - .*+8ˢ 1 ˢ
4 *+ - ˢ 4+41 ˢ 6 0*++8ˢ ,36*ˢ *ˢ ,171 6 + - ˢ 06ˢ 03+ 6+*"ˢ ˢ 5 .0 4 1 ˢ 3+ ?2+ - ˢ - ˢ
5. 0 - ˢ 40 0* 1* ˢ ,1* 0 6 ˢ 40 0 + 6ˢ + 20 - ˢ 5U6<6+ +8ˢ 04ˢ 6+ *ˢ *ˢ 6 *0 0ˢ 12: +* ˢ
1*+ - ˢ 7.2+ "06ˢ *ˢ ˢ *."40 .8ˢ .040 8ˢ + 2 5 1/ *.8ˢ 1"%.ˢ 06ˢ - + 1ˢ - +* 6.8ˢ ,1* ˢ
+9 6ˢ 404 6 1*0* 3+0ˢ .20 0ˢ 50 ˢ 6+2 , *0 - ˢ <+ 8ˢ ,+ - ˢ 40 16+2 , *0ˢ 00* . "06ˢ
6ˢ 155+9*.6 1ˢ . ,ˢ 6+ 8ˢ 3+.0ˢ 5 1ˢ 1 2+8ˢ 51 6.ˢ 0 .6ˢ .4 - 16 8ˢ 61 - 0*6 8ˢ 4 + 6+ ˢ ˢ
04ˢ *140ˢ +50 :0* 0*6,ˢ 1 - .*+8ˢ 60*02 . + - ˢ 20*0 , 1ˢ 50 ˢ 5."+408ˢ 3+ 2+8ˢ "1,+cˢ
, *9 6+ ˢ 5 1 +9 6ˢ N& "06+8ˢ 3+",+ - ˢ 1 - .*1ˢ :0*0 .6ˢ - 1* 6+ 3+0ˢ 0+ - 03+ ˢ
*1"+0 .6< 40<.4+ .ˢ 03+1 + ˢ - .9 8ˢ 3+. - ˢ 40ˢ ."+60ˢ +.ˢ 1" , 6+8ˢ * .7,ˢ ,+* %+ 8ˢ
, .56+8ˢ 0 6Kˢ , ˢ 0 : .6.ˢ *ˢ + 20ˢ ,171 8ˢ ˢ 04ˢ ,+ - ˢ 040 - 56 1* 8ˢ 5 06 + - ˢ <*ˢ 60 - 51 0ˢ
*1*ˢ 50 1":0 06+ - " 6 . - ˢ a55 4.*1 + - ˢ 50 6.0 +8ˢ .4 09 5 + - ˢ 5. 608ˢ 51 60.ˢ 6 .* 6ˢ
: 6ˢ (1" , 6.6+8ˢ .*60ˢ +0 .6ˢ 50 ˢ " 60 .8ˢ :ˢ 4ˢ 1: ,ˢ 0 56.8ˢ ˢ *9+ "".) 8ˢ +6ˢ 0ˢ
" 4 .ˢ +50"". ˢ *ˢ 3+. - ˢ 0ˢ 0,050 .6ˢ 41 - + - ˢ 05060 06ˢ *ˢ 0.3+0ˢ 5. , .60ˢ ; :0 06ˢ 20*0B
, 1ˢ 04 41 + ˢ 6+6+8ˢ ˢ .4ˢ 3+.8ˢ 0 +8ˢ 6044 6.8ˢ "Rˢ + - - .ˢ " 20 6.60ˢ 0 51*4 6ˢ : ˢ 4ˢ
0, ˢ 06ˢ *0,0 6.60ˢ 0ˢ ,1 - 5+" + - ˢ *ˢ 0. *ˢ + 20 - ˢ ;0* "%0ˢ 4 , 6ˢ +6ˢ 0,+ 6.6ˢ +.0ˢ ,1* ˢ
+"0 06ˢ 06ˢ 0" 9 5* 8ˢ 3+. - ˢ 5 1 602.6+ ˢ " 20 1ˢ + +ˢ .ˢ 090ˢ 1"0 - * ˢ .0<. - 0*61ˢ ,1* ˢ
- .61ˢ 06ˢ 51 60ˢ ,1*6 .ˢ 40 - ˢ 4.6. - ˢ 5 17 2 61 +0 06+ Uˢ 5 1 *40ˢ 090 - ˢ 19R ˢ *0ˢ
- ." . - ˢ 5. 60 - ˢ .2, 5 .6ˢ ˢ 3+1+ 3+0ˢ 0 ˢ 41*00ˢ 40ˢ : 6.ˢ 06ˢ " 20 1ˢ 0" 9 1* 8+ : , . ˢ
:0.6+ ˢ 41 - + - ˢ 04 , ˢ +6ˢ <+20.6+ ˢ *1*ˢ 51 6ˢ (0,+*4+ - ˢ 7.0,ˢ 5*+8ˢ .4ˢ 8ˢ * ˢ
4 0.0ˢ .*+ - ˢ ;0 6 1ˢ .2ˢ + 20ˢ ".5 40ˢ , . 6 .ˢ - 06.6+ ˢ +2 ˢ "1,1ˢ - +* 61ˢ 61 - 0*6.ˢ .0*0.ˢ
' ˢ ,+ - 0,0"%. 11 - * .44 +6+ *. - ˢ 155+9*.6 1*0 - ˢ .55. .6+ˢ 4051* 6ˢ (6 1CC +8ˢ
.4ˢ ˢ $ ""021 0""+ - ˢ ."60 1ˢ .2ˢ + 20ˢ ".5 40ˢ : ,+ - ˢ 71"5 6 5 - ˢ 2 ˢ + - 6 #E2.8 . - 1 +8ˢ
1 4 *+ - ˢ 4+41 ˢ 1* 0""+ - ˢ ,+ - ˢ : ˢ 504 63 - ˢ " 9* 8ˢ 5, ,+5.6 ˢ %+ *ˢ , 02 Iˢ 04ˢ "0 ˢ
: 2+8ˢ 5+9* 8ˢ *60 +6 1 3+0ˢ ,0 6.6+ - ˢ ' 04ˢ * 3+ 5 0ˢ 0 0ˢ 09 1 + - ˢ ,1*4 6 1*0ˢ 3+ ˢ
"1,1 + - ˢ 9*. ˢ 5"0 + - 3+0ˢ *60 ˢ 4+ - 06Rˢ . ,ˢ : *06.ˢ .*9+ 6 8ˢ : . + - ˢ *60 , 5 02.76+ ˢ
.+6ˢ *ˢ .) *.8ˢ +2<04.8ˢ 5 .0, 5 6.2.*6 ˢ , ."1*08 60 - \ˢ 06" / .4ˢ 4+ - ˢ .3+.6+ - ˢ .+6ˢ 5. ˢ
2+".6+ - ˢ 5 1 , 00 0*6+ ˢ 5"0 + - 3+0ˢ , .56 ˢ $ .0""4 . ˢ 06 . - ˢ ." 3+.*41ˢ 6 9* 2+8ˢ
09 1 + - ˢ + - 56 8ˢ *ˢ 01 - ˢ , . 6 .ˢ :0* 02.*6ˢ +6ˢ 40ˢ 01 + - ˢ ,1* " 8ˢ 619*5 00 0*6ˢ 06ˢ
ˢ 3+18ˢ "1*9 +8?4ˢ 1, 8ˢ 40. - 2+".*60 8ˢ *.*0 R0 0*6+ ˢ , .5X18ˢ 0,+ - ˢ *ˢ + 20 - ˢ .24+ ˢ
,02.6 6ˢ 1,ˢ . 6+ˢ A(.*,5" - 2+8ˢ 166 - +8ˢ ,0*6+ 1ˢ , .56+8ˢ 0 6ˢ *60 0.ˢ 155 4.* ˢ . ,ˢ
5 .0 4 . ˢ ,+ - ˢ 50 ˢ +6+ - * ˢ 3+ ˢ ""5ˢ .**1ˢ 0 0* - +8ˢ + 6ˢ ,1 - - 14 6.60 - ˢ ˢ
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41" 1 + - ˢ , 1ˢ : * ˢ . ,ˢ - .9*. *ˢ + - 0*6ˢ : - ˢ .4ˢ + 20 - ˢ ,1 - 51 6.*4.ˢ ,+ . "0*6ˢ 6+ *ˢ
:0 1ˢ * 6.*60ˢ 12 4 1* 8ˢ 60 - 51 0ˢ 0/ˢ * 6 - 8ˢ ; , 8ˢ . ,ˢ : "" 8ˢ 3+.*6+ - ˢ ,1 - - 0.6+8ˢ 51%ˢ
+*6ˢ *ˢ + 20 - ˢ ,1* :0" +*6ˢ *,0* 8ˢ , . - ˢ 9 .*. 8ˢ ˢ *0ˢ + + ˢ 09 8ˢ 0 "0*6ˢ 3 ˢ 6. - 0*

ˢ ˢ ˢ ˢ ˢ - .9*. -
ˢ %ˢ $ ˢ ˢ ˢ 0ˢ ˢ ˢ 5 ˢ 6 ˢ ˢ 4 ˢ ˢ ˢ ˢ 5 $ˢ Iˢ *ˢ . ˢ ! ` #%
+ˢ ˢ 'M4 ˢ ˢ Lˢ ˢ , $ˢ 3ˢ " 0ˢ QN + '

. # " %) ' '# ' %

- . 9 * . - ' 0@+8 , 15 . - ' . 47+, ' *6. . - ' * : 0 * 0 + *6 ' %+ - ' , 02 8 0 +56 1* 2+8 5 9* . '
6+ * ' #(. - - . 6 *+8 +670 . *+8 : +"91 4 (78 3+ ' , + - ' '<40"0 6 8 504 6 2+8 6
, + - ' (6 1CC 1 , 1*<+*/0 . 6 ' . 2 71 6 " ' 03+ 6 . 6+ , , + - : 0*6+8 ' / / ' 0/ + 8 06
L ' 0 0 , . 56 8 '3+ ' *' . 040 8 5 1/ - . 8 , 1* +90 . "6 ' : / 6 : . 6+8 0 6 (04 0. *'< + . - '
< 1 60 5. ' , " . 40 . , 61 ' 1 6+* . ' - 1/ ' , 1 - 50* . : 6 ' * 7 8 6+ - +"6+. 8 , 0 6. - * 2+8
2 . - 506+8 *12 " 8 12 0 "2 + - ' 4+ 61 ' , . 5 6+ ' 06 P 1 6 + - ' - "+8 4+ 614 . ' . " '
3+ . *61 51 6 0: . ""6 ' $+9* . 6+ - ' 06 . 4 ' $1*608 4 ' 0, ' 4 : , 1 *1 - 0* ' . ' +54 . '
5. (2+8 ' + * 4 0 4+", 8 . 3+. 0 , . 6+ 9 *08 0 + - 5+*6 ' 3+. 0 50 '6+218 * + 20 - ' 40 '
? : . * 6+ 0. * , + - ' . : 0 6060 09 ' * 1 * 51 0*6 6+218 , 1 6+ - 50 0 40, 0: 0 + *6 ' *
150 0 1, , +5 . 618 5 . 0"4 . ' 0 + - 50*608 . 99 04 + *6+ ? 2 ' 1 6+ - ' . , 0 , 0 6. - 0* '
3+14 * 1 / ' 4 0 - 6 ' : ' 0/ 5 . 0 4 . 8 H 40 . 6 ' 5"+ 08 0/ 09 8 0 51" +8 06 (. " +8
, 0*6* 1*08 , . 56 ' $1 6 4 0 . 4 0+*4066 ' : , + - ' 04 *609 . 6. 5+9* . 5. ' 0 0 +, , 0 "+ '
* " '3+14 6. *40 - '6+2+" ' - , ' + *6 ' 06 1*608 . : 0 ' 7 . +4 - . 9*1 12 0 1 + - ' * , 1 - '
*141 ' . 5+4 3+18 5"0 3+0 <+908 5+60 ' + *6 ' 06 . *60. ' - . 9 6 . 6+8 . +41 6. 60 5 1B
7 2 6+ - ' +0 . 6 ' *0 3+ 8 0/ 1*6 + - 3+. ' 7. + "" 06 '3+14 0. + - ' , . 6+ 9 *08 . ' 09 8
: 0* *1 * 04 . 8 , 040 0*6 ' *40 , 0"02 . 6+ - ' / : ' 06 / : ' S. " ' A. * ' * 6+20 <0<+* +*
(0/61 51 6 4 0 1* 8 3+. 6+1 - 1" . 6 * . 8 ' 3+. 0: 0*61 , , + 7. 9+*6+ '<+/6. ' 51 6. * '
' +*0. - ' 0/ + " 6 +2 ' ' ' , , 60 ' - " 608 . *60. ' - 1* 6 ' +6 6 * + 20 - ' 0, 50 0*6 '
*60 0A6 ' . +6 , . 56 ' $1 6 4 0 ' 3+ ' * . 6. "0 - ' * , 4 6 ' . " 3+16 0/ *12 " 6. 60 8 1* '
0""+ - ' + 3+, ' 0/ , + 0 + *6 ' "+2 , '5 1560 '9R, 0 - : 8< 06 *60 ' , 0 6. *4+ - J"1 . , +8
+ - - . 0 : 6+6 84+/ '9 . : 0 : +"*+8 0/ , "15506 ' 4+ . , , 05 6 *403+0 * + 20 - ' 0" . 6+8
5. +A1 51 6 - . 9 * 1 + ' 40" 40 1 0" 41 40, 0"76

! ') '# ' 3+ 6. * . ' 51 6 - . 6+6 * . 8 $. 60* 0 8< 6, 6+ - +"6+* ' : +"91 : 1, . 2. 6 '
, + - ' A1 . * *08# 1 - . * +8(0 * . , +8 ' : ' 0 5 - . . ' 5 1: * , . 0 *12 " 6. 60 ' 2 0*0 +8 '
40 3+1 4 / ' ' 1" - +8 06 . " : / 50 ,) "1 0 056< 0/0+*60 (0560 - 2 '6. *40 - '? 1* '
6. "2. *+ - ' * . 4+ , 8 : 0* "076 ' * , 1 - - + *0 , 1* +"6. 6+ 7 . 6 '3+ 4 . 41 15+8 0 "06?
1 <. - ' V $. +" * ' 09+"+8 ' 96 1* , " . ' : , 0, 1 - 08 : 0*0 . * 1*1 . 6 '] ' (. 2. +4 '& " '
" . ' , + ' * 1, , 6 1" * ' "1, + - ' 5 . 0 04+ . ' - . 8 41* . 6+8 +0 . 6< 20*0 , 1 0 : . 6 '
06 . 2 5 1 50 + . ' 155 4. * 8 . +41 08 +0 . 6 ' +6 1 - 1 . - 1 +* ? , 1* " 2 9 . 6 (- '
09 8 516 +8 60*6. 0*6 ' 43+0 0/ , + . 61 +6, +*3+0 . 41 06 . +4. 6. ' 0<+8 40 - 0*6 . ' - +"6 8 '
. 6 1* 2+8 50 + . 40 0 , 1* . 6 ' +0 . *6 ' 3+. 8 (0 * . , +8 . 4 ' 34 9* 6. 60 06 50 , 2
0/ . , 0 2. 6+8 . , "0 0 +6. : * $ 1* 8 . + 2+8 . , , 056. ' 0<+8 1 . 6 1*0 ' 31 - - +* , . 613+0
, + - ' 2 "" . "4 ' 0 - . + 6 . 6/ ' 40"09. 6 8 , 1* " 1 ' - " 8 6 . - +50"" . - <3+ '15 '
5 4. *1 6 6* 0*60*6 . - ' 0/3+ 0 076 ' 40, 06+ - ' + 6 ' +6. - . ' + - 0 0*6+ ' 63+0 . 4 '
: 0 +8 ' : - ' 1 - * ' . 6 1*0 - + * 0*6 ' 6. 3+0 " 0*0 +8 '& ""0 - + + - ' . 4 %. * - ' 1, '
, +5. 6 ' . 56. ' - 1/ . + " . 4. ' +" . ' . 50" " . ' *61* * ' . *+ - ' . " . + . ' $"1 '
* . , + - ' 0"" . 50 6 , . ' * +60* 8 ' * ' . + 0. , 0* ' . 9 1 $14 + - ' . + 0*6 ' . *+ - '
$. +" & 60 2 + - ' *6 "2 90*" '4 10, 0 ' 09 +8 - 1*8< 40 * 1 - 20 . +508 , + : .
$1/ 0* ' , 1 - 6. 6+ ' . C0 . ' 06 C " '? - . " . ' 'E1 41* +8 : , 0, 1 - ((' . 40 '
* . , + - ' 06 (1"" . 0+ - ' * . 4+ , 8 * '5160 6. 60 - ' 0409 6 ' %0 4. ' 3+13+0 . 2 8 1, , + '
5. 6. < * '3+. ' <+8 2 ' : *4 , . 2. 6 (0 * . , +8 ' +C06+ - ' 7. +4 "1*90 . ' %1"1 . ' , . " 8 . 4 '
- 16 8 0/5+9* . 6+ - ' 06 155 4. * ' 0" 60 0 . + ' . 4 +*+ - ' 15 *08 126 +* , . 4 '22 . 5 6. 9 + -
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& ' % ' ? - . * + - ' E+ 41* +8 - . * + * ' E1 41* +8 = 4

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* ʿ2ʿ3 * %ʿ ʿ * ʿ # ʿ ʿD ʿ$ * * %ʿ EʿY ʿ ʿD ʿ $ * * ,ʿ
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& ʿ (* 6+ 9 2+8 - + * 6+ - ""6+155 4+ - 3+14 +50 1 2+820" ʿ
" 8ʿ5"0 3+0ʿ50 +9 + - ʿ +0 .6ʿ 06ʿ .4ʿ3+14ʿ6+*,ʿ - +"6ʿ 0ʿ 0,050 .*6ʿ0140 -ʿ6, - 55 0 ʿ
3+1ʿ 7.0,ʿ.902.*6+ ʿ60*6.6.ʿ0 6ʿ 55 4.* 8ʿ *ʿ 1* ʿ (056ʿ " 60 8ʿ 09 8ʿ - 50 .6+* ʿ
+0 .6ʿ +6ʿ 3+0 *ʿ ".+4 +8 Yʿ . 6 0+85 1: *, .0ʿ5 .0 08ʿ "" 8ʿ5 .0 04 + - ʿ - 51*0 06ʿ
,+ - ʿ 5 .0 4 1ʿ 0, 50 0*6ʿ ") ʿ :0 1ʿ54 ʿ 1*1 .6+ - ʿ \ʿ +0"" + - ʿJ1*6.*+ - ʿ (.*,0 ʿ
0*" + - ʿ ,1 - 6+ - ʿ 90*6 "0*< ʿ .5+4ʿ A 090 - ,+ʿ ""0.4 - 14+ - ʿ 9 .658ʿ 0 .6ʿ 5 .0 4 ʿ
1*+8ʿ 405 0,. 6+ ʿ< 06ʿ" 20 6.60 - ʿ 3+.*6+ - ʿ .4ʿ 0" 9 1*0 - ʿ 04 46 8ʿ ,1*,0 ". - ʿ +6ʿ 2ʿ
%06 *0 0ʿ" ,0.6ʿ 0* /0ʿ 19.*6ʿ 8ʿ 0601 + - ʿ, .+ . - ʿ6+0*4. - ʿ + 0 5 6ʿ 06ʿ. 018ʿ - 66 6ʿ
3+0*4. .ʿBʿ .4." 06+ - ʿ *1 - *0ʿ 0/ʿ<0*.61 1ʿ 09 8ʿ . - +" 6 1 ʿ 71 - *0 - ʿ ,."" 4+ - ʿ
3+ ʿ 06ʿ 1" - ʿ *ʿ (.*,0 0* + - ʿ ,1 - 6 8ʿ 5. 0*6 8ʿ . -).ʿ04 ,.6+8ʿ +0 .6ʿ .4."<06+8ʿ
,+ - ʿ ʿ (.*505ʿ 3+ʿ .4ʿ?JT*6.*+ - ʿ .2ʿ 155 4.* 8ʿ - " 8ʿ +0 .6ʿ ,+ - ʿ 8ʿ .9 6ʿ 06ʿ *1, ʿ
,+"61ʿ 3+1ʿ *ʿ50 ,+"1ʿ :0 .*6+ ʿ40 - 1*A 6 .6ʿ ʿ *1*ʿ." . - ʿ12ʿ ,.+ . - ʿ3+. - ʿ3+14ʿ * ʿ
*+ - 0 18ʿ *3+ " *18ʿ 3+16 4 0ʿ *6 .ʿ +.ʿ - 10* .ʿ 90 5 .*6ʿ 3+ 6.*3+. - ʿ 04 6 1 ʿ 0/ʿ
+ 2 2+8ʿ + 8ʿ 0<04 ʿ ʿ .+4 .*6+ ʿ 5 18ʿ5 1,+"4+2 1ʿ *ʿ50 * , 0 - ʿ4.6+ ʿ " *6ʿ 5 1 *40ʿ
"2 ʿ .*60ʿ 1 - * .ʿ ,1* +".*6ʿ< *3+ " *18ʿ - 1*0.*6ʿ +6ʿ ,.+ 1*0ʿ.,,056.ʿ 2ʿ." 1ʿ50 +B
9 + - ʿ 3+.0 .*6ʿ ." 13+ ʿ 1 0ʿ +6ʿ *3+ " *1 + - ʿ ,.+ .ʿ 09 8ʿ *4 9*.6 4*0 - ʿ *,+ .*6ʿ
.0ʿ 6.*40 - ʿ - ."0ʿ<*+"40*6+ ʿ .0,ʿ *ʿ. ,.*1ʿ.4. ʿ %+ *ʿ5.". - ʿ * 6.*60ʿ .4." 61ʿ
J1*6.* ʿ *1 - *0ʿ 40" 9+*6+ ?0/ʿ 155 4.* 8ʿ : ʿ 3+ ʿ 090 - ʿ.40.*6ʿ06ʿJ1*6. < *60 :0*6+ʿ
.03+.8ʿ ,1*4 6 1*08ʿ .2ʿ 01ʿ 126 *0.*6ʿ " ʿ" :0ʿ - 06+ʿ :0ʿ 50ʿ *4+4 ʿ 6.6 - ʿ0/ʿJ1*6.* ʿ
E1*""" 1ʿ +55" ,08ʿ +*6ʿ 506 6.3+0ʿ5 .060 61 + - ʿ:0* .ʿ - 50 .6.ʿ .,0 0ʿ5. .618ʿ 15 ʿ
5 4.*18ʿ 1 60*4+*6ʿ 5 .0 - 66R+ 3+0ʿ .4." 06+8ʿ3+ʿJ1*6.*+ - ʿ.ʿ 090ʿ - "%+ - ʿ:0* 0ʿ
0*+*, .6ʿ ! .ʿ 0ʿ50 ,+" ʿ *3+ " * ʿ5. 61 08ʿ 3+ʿ5"+ *+ - ʿ *ʿ 7 8ʿ 02+8ʿ51 "+*6ʿ
.40+*6ʿ5 0* .* ʿ 0ʿ40 0 ʿ06ʿ,1 - - +* 2+8ʿ71 6 2+8ʿ5 14ʿ - 0 .2 ʿ:1,0ʿ0". - 6.*608ʿ
1 - *0 8ʿ 0ʿE.""18ʿ +* +8ʿ 09 8ʿ - 50 3ʿ +2<0418ʿ + * ʿ1 - * + - ʿ ,.+ .*ʿ 0 "0ʿ +*+ - ʿ
,+*418ʿ50 ,+"+ - ʿ*..*0 0ʿ3+1 + - ʿ 9 6+ ʿ50 6 *0 0ʿ+6ʿ155 4.*ʿ.2ʿ *3+ " * 8ʿ4 6 * ʿ
9+.*6+ .04 6 .7.*6+ ʿ * "0ʿ+6 4 : "ʿ ., " +8ʿ *9+"ʿ,. 5.*6+ ʿ 06ʿ 402 " 6.6 ʿ.,ʿ4 " ʿ
5.6 8ʿ - 0 - 2 8ʿ$ 160 6.*6 + - ʿ,1 5+8ʿ6.*40 - ʿ+* :0 + - ʿ155 - .6+ ʿ< ʿE0*.2 ʿ 7. ʿ
6.0 ʿ .63+0 + 0" .* ʿ, 4 .4+ - ʿ" 6ʿ3+ 4ʿ.4026161ʿ 09*1ʿ155 4.*18ʿ 9* R. 0ʿ *1*ʿ
51 60ʿ ʿ : , *1 + - ʿ50 ,+"1ʿ ."60 - ʿ .5 .*6ʿ *0,ʿ - 0" 1 0 - ʿ 1 0ʿ 5 1 + - ʿ ,1*4 6 1*0 - ʿ
2ʿ50 +.40.*6ʿ ʿ *3+ " * ʿ5 1560 ʿ ,.*4U - ʿ,.+". - ʿ". 2+8ʿ 5+""0ʿ0/+"08ʿ06ʿ0/61 08ʿ
.*60ʿ01 + - ʿ1,+"18ʿ6 +, 40*6+ <3+1 + - ʿ50 ,+"+ - ʿ.4ʿ 0ʿ50 6 *0 0ʿ0/ 6 - . 0ʿ402076ʿ
*0,ʿ * "0ʿ + - - .ʿ ,+ - ʿ - 5 06.6 8ʿ06ʿ.* - ʿ ,.0, 6.6 ʿ.5+4ʿ51 60 18ʿ * . - .ʿ*09) 90 0ʿ
51"""*6ʿ U ?. 63 2+8ʿ<+ 6.ʿ *3+ " *1 + - ʿ3+0 0".ʿ: .ʿ0 6ʿ 3+ ʿ *ʿ ,1*:0*6 2+8ʿ 5"020 - ʿ
*,0*4+ 6ʿ*+"". - 3+0ʿ." . - ʿ ."+6 8ʿ .6 1*06*ʿ0 "0ʿ0 ʿ50 +.40*6ʿ3+. - ʿ ʿ+* :0 1 + .ʿ
+*. - ʿ0.*40 - 3+0ʿ ,.+". - ʿ 5"ʿ +6ʿ +. - ʿ6+0.*6+ ʿ *0,ʿ+" 8ʿ ,1*4 6 1* 2+8ʿ."60 18ʿ 0ʿ.2ʿ
."60 8ʿ 05. . ʿ .04 : 4 ʿ5.6 .*6+ ʿ 6.3+0ʿ 0<04+8*1*ʿ" *0ʿ 6+ - +"6+ʿ .4." 06+8ʿ .4ʿ
70 + - ʿ ++ - ʿ3+ʿ<. - 1*.4. - ʿ.4ʿ 90 - ʿ:0*0 .6ʿ 0 * 04.ʿ 0:0 6 6+ ʿ 04ʿ5 ʿ
- . 18ʿ + 2 8ʿ , :0 8ʿ *ʿ 1,,+ 61ʿ * 7 "1 *+8ʿ0 ʿ .:0 0ʿ - 1*06ʿ 06ʿ4+18ʿ 5 - 8ʿA 6ʿ
" .*+ - \ʿ 0 6.+4R - ʿ06ʿ (- 1*0 - ʿ6ʿ . 60"+4+ .ʿ 3 +ʿ. ,0*"ʿ60*02.*6ʿ50ʿ3+. - ʿ "" ʿ
.4ʿ 155 4+ - ʿ .4 6+ - ʿ 5.60 .4+ ʿ0 "0*6ʿ .ʿ 508ʿ +50 0 .6ʿ 0<04 8ʿ ,1*4 6 1* 2+8ʿ *
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% $ ʿ / - ʿ8 ʿ ʿ ʿ ʿ ʿ ʿ+ .ʿ 2ʿ 5 '
ʿ ʿ4 ʿ n" ʿ ? ʿ6 $ ʿ 4 $ʿ F ʿ6 . ʿ ʿ ʿ % ʿ ʿ> ʿ ʿ+ 0ʿ
. ʿ ʿ% 0ʿ ʿ ʿ ' & 6 V ʿ% 0ʿ ʿ ʿ% ʿ& ʿ ʿ> $ʿ / ʿ ʿ
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3+.8ˁ 4409.6ˁ 5 2 - -ˁ ,1* ,* 0 .*6ˁ 9 6 ˁ4 0ˁ .4ˁ :ˁ 4ˁ 1: ˁ,1*4 4.ˁ ".+4 +8ˁ ˁ
.ˁ +0"" +8ˁ?ˁ . , .*+8ˁ J1*6.*ˁ .60 ˁ,* -ˁ W#)ˁ .4ˁ 51 6 ,+ -ˁ . , 8ˁ + - - 1ˁ "0*6 1ˁ ˁ ˁ
:0* 6ˁ , ." 3+,ˁ .4 - 16 8ˁ *ˁ - + + -ˁ ,+ -ˁ / / /ˁ , , 60 ˁ0ˁ) 8ˁ0: .4 6ˁ *0,ˁ5"+ 08ˁ *+ˁ
- 0 1ˁ06.*6ˁ *ˁ. ,0ˁ ,1* 4 ˁ + -ˁ ,060 ˁ - + . "ˁ,1*) ,0*4+*6ˁ *ˁ . ,0ˁ 50 018ˁ 3+ˁ
.2ˁ 1 , , +"61ˁ ,1* " 1ˁ ." 0*6ˁ , .*6ˁ 9*1ˁ 4.61ˁ *ˁ 155 41ˁ .4ˁ . - .ˁ ,1* ,". - .6+ ˁ 0,ˁ
J"1 .8ˁ 680*++8ˁ 1 4 *+ -ˁ 4+ 61 ˁ .4ˁ ˁ 1*; .*+ -ˁ .990 0 -ˁ . , , + 6ˁ 0 - "23+0ˁ
$.3+0"1*0ˁ ,+ -ˁ 40"04.ˁ ,"15506. 1 + -ˁ - .*+ˁ 3+ˁ *+50ˁU 7. 6.01ˁ .+ +90 .6ˁ
50 ˁ * 0 * . -ˁ51 6. .ˁ :0* 0*6 2+ ˁ.+/ " . 2+8ˁ 60 ˁ*60 ,"+4 6ˁ %+ *ˁ .4ˁ)ˁ 1 - "ˁ
? .*+ -ˁ 6.6 1ˁ ,1""1, .6+ ˁ G+ˁ *ˁ 1 .ˁ , .*6ˁ 40 50 .61ˁ. ,0* +ˁ 50ˁ 12" 3++ -ˁ6 .ˁ
- 60 -ˁ. 4ˁ "+ - 0*ˁ +2@04+ -ˁ4 ".2+*6 66ˁ *40ˁ: 8ˁ .4ˁ. ,0 -ˁ .4.ˁ ,+<+8ˁ 1 6 + -ˁ 0 - 1ˁ
" ˁ 06 . , 2+8ˁ .4 - 16 8ˁ *,0*40 0ˁ 155 4.*ˁ 6.6++*6ˁ .44 4 8ˁ 10 * * 8ˁ 06ˁ " 20 8ˁ
,1 + - ˁ3+ˁ. ,0 -ˁ60*02.*6 +6ˁ 5 ˁ 9*0 -ˁ"+2< ,0 0*6< 3+ 2+8ˁ ˁ12 0)ˁ5. ,0 0*6 /08ˁ
"0: 1 ˁ*0916 1ˁ ,1* ,ˁ: 402.6+ ˁ *ˁ.ˁ ,"15506. 1 + -ˁ9 .*4 *0ˁ*1*ˁ ,0"%. 06+ ˁ 8ˁ
.ˁ : 8ˁ 5 15 8ˁ 5. 0*6 2+8ˁ 06ˁ .* , 8ˁ *60 0 6 8ˁ *1*ˁ - 04 1, 0ˁ 1".6 + -ˁ 155 4.*ˁ
"0* + ˁ0 .*6ˁ 3+ 2+8ˁ 40ˁ ,4*<+ .61 + -ˁ5 14 1*0ˁ6. *ˁ - 0 - 1 .2 ˁ+"6 1* 8ˁ90*0 0ˁ
.6 8 0 0 ˁ 1/ˁ06ˁ .47 2 6 8ˁ + 6 , 8ˁ .4ˁ 5040 -ˁ - + ˁ5"+60 8ˁ604 ˁ50 :0* +*6ˁ0+ - 3+0ˁ
240 0ˁ * , 5 +*"ˁ . ,ˁ6.*40 -ˁ +2ˁ :0"50 . -ˁ ,+ -ˁ .+/ " .ˁ . J1*6.*1ˁ *1*ˁ ,1 - 54ˁ
0 0*6ˁ155 4.*ˁ .2ˁ 8ˁ 3+ *ˁ . , , 5+ -ˁ ,1*k+ .6 8"40 -ˁ *1*ˁ 0*6 02.*6ˁ ,0 6 1 08ˁ
.".ˁ12 0 "58ˁ .* - 1ˁ" *3+ ˁ.50<661ˁ - + 1ˁ06 *,0* 1 6 . - *0: - . , +*6ˁ06ˁ4 J+ˁ
9 0*60ˁ ,+ -ˁ + 8 .0.*1ˁ. 50 -ˁ/ :ˁ 51 63+. -ˁ , .56.ˁ +0 .6ˁ 71 .ˁ 0, 5 +*6ˁ .4.ˁ
"06+8ˁ *ˁ 0.ˁ , .56+8ˁ <. -ˁ9 : 60ˁ .+, .6+8ˁ *ˁ 155 4+ -ˁ 40 0 6+ ˁ,6ˁ .ˁ + 0*60ˁ 5"l20ˁ
3+.ˁ,1*<+ .6 1* 8ˁ4+/ˁ<+/6.ˁ(ˁA1.** 8ˁ51 6. -ˁ1, , 4 6+ ˁ +9 0*60 *ll . ,4 + - 5.+ˁ
+ -ˁ * 0, +6+8ˁ $.3+0"1ˁ .4ˁ +18ˁ 04 6ˁ 1ˁ, . +ˁ ,+ -ˁ1 - * 8ˁ 40ˁ (.* ,0 .* 8ˁ .4ˁ 1h 0ˁ
3+ + -ˁ "0 6 *4 8ˁ06ˁ .4 - 660*41ˁ5 .0 4 1ˁ5 .04 .ˁ 50ˁ0 "06ˁ J1*6.*+8ˁ *ˁ .+". -ˁ 0 ?ˁ
0 6 6+ ˁ ""ˁ :0 1ˁ3+ˁ4 0* 1*08ˁ +.8ˁ5.+"+ -ˁ .2ˁ0/ 6 ,(ˁ .2 6+ "0ˁ 0 *0 0*6ˁ01ˁ - .9 8ˁ
ˁ51 60 + -ˁ 1,1 408ˁ *+"".ˁ *3+ " *1 + -ˁ06ˁ155 4.*1 + -ˁ .4.ˁ4 6 *4 1*0ˁ. - , ˁ
6 . -ˁ *60 ˁ 0ˁ 6, 0 + *6ˁ 06ˁ ,+ -ˁ40ˁ 09 8ˁ9 .6 .ˁ40 50 . 0*6ˁ - " 6 .ˁ *ˁ 155 41ˁ 1 4 ˁ
*.6.ˁ , + * 4 .ˁ . 4ˁ : - ˁ3+. -ˁ6. - 0*ˁ :0 2 8ˁ 0 - 50 405 0, .2.*6+ ;ˁ + 6 *0*4. -ˁ ,1 - ˁ
5. .*6ˁ 6.3+,ˁ *4 0.8ˁ A1.* 0""+8ˁ ,+<+8ˁ : 6+60 -ˁ5 .0,040*6 2+8ˁ 20"" 8ˁ0/50 6
+6 .*6ˁ56.0 04+8ˁ4 0 6+ ˁ0ˁ + - * 1ˁ - 50 1ˁ40".61ˁ 2ˁ . 6 *1ˁ155 4.*1 + -ˁ4+/ˁ
36ˁ 0 ˁ *ˁ 01ˁ *+ - 0 1ˁ5+6.6 8ˁ + 6 , 8 Q4ˁ ˁ . - .618ˁ0 , 02.*6ˁ ,5* 6 6+ 6+ ˁ ˁ +ˁ
09.6+8ˁ ".+4 +8ˁ $"". 4+8ˁ06ˁ +41: ,+8ˁ . 6 *.6+8ˁ 9* 0ˁ4.6+8 0 6ˁ *3+ " *1 + -ˁ
5 .045+ˁ4+ ,08ˁ0 .*6ˁ DJ"5 +8ˁ 7.""5+8ˁ + 0" .*0* 8ˁ 1*6."2.*+8ˁ + "0 +8ˁ 5 ˁ
6." 0* 8?ˁ + " 2 ˁ *0+8ˁ $.3+0"1ˁ 06ˁ :."" +8ˁ "2 * 0**8ˁ 3+ˁ50*08ˁ 0ˁ , , ,ˁ. ˁ
- .6188ˁ 7.202.*6ˁ 8ˁ. , ,0402.*6ˁ + 6 , ˁ3+ˁ*1*ˁ <"+ .ˁ9".4 8 ˁ ,1*6 8ˁ06ˁ ,"15506 8ˁ
0406 . -ˁ + * 4 8ˁ60 90 02.*66.*6.ˁ +6ˁ4 +50 1 0ˁ"1 ,1ˁ: ˁ06ˁ 4++ -ˁ 0506 61 + -ˁ
03+0*6 .ˁ +6ˁ *1*ˁ .2ˁ +"".ˁ 0ˁ - .9 8ˁ51 60.ˁ 09 ˁe+ ˁ155 4+ -ˁ12 402.*6ˁ * 0 6.6ˁ
0 *6ˁ 0/ˁ ,13 0ˁ ,"15506ˁ(.* ,0 .* ˁ3+ 2+8ˁ +*4.0ˁ40 9*.2.*6+ ˁ *ˁ5 1:0 2 + -ˁ
.2 0 +*6ˁ 0 ,0564ˁ .00 ˁ3+.ˁ0/ˁ , . + .ˁ1 J0* 1*0ˁ ,1*6 .4.ˁ *,0 6+ - ˁ* 1 +8ˁ1 4 B
+ -ˁ4+41 ˁ (6057.+8Dˁ E+ , . 4+8ˁ . 17 +8ˁ .C. *0+8ˁ ." ˁ0/ˁ5 - . 8ˁ, : 2+8ˁ
55 41ˁ0/ ,0 "0 03+1412 0"J1 + -ˁ 02+8ˁ - ./ - 0ˁ *,1 - - 14.: 6ˁ " .0ˁ06ˁ *ˁ 09*1ˁ
208ˁ0 .*6ˁ3+.041 - 1ˁ5+" 8ˁ06ˁ5.". 6 2+8ˁ 0,056+ -ˁ5 .02+0 0ˁ *ˁ .4+ , 8ˁ ˁ 1*ˁ
6."2.*+ -ˁ "" ."4+ -ˁ *ˁ" +60* 8ˁ *ˁ(056 <*.* .ˁ :0ˁ , , 6.* .ˁ 0 - .+ +8ˁ .*+ -ˁ
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!)ˁ4 " ˁ 2 ! ˁ ˁ ! 2 (*! /! ˁ #$4 , A ' ! $ I # ! ˁ ˁ8 $ 9
ˁ ! ˁ ˁ 6 ! $ ˁ "# ! !ˁ22 ˁ 5 !ˁ0 ˁ !)ˁ !ˁ ! ˁ $ ˁ , #)
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.20""+ - 04 5"0 3+0<. - G55 4.* ,+ - 0 - 5. 08.4: - + 6 *0*4. * : 40
0*6 7+0 ""+, 4 ".5 06 3+ 516+0 +*6 5. 8 E0*0:. - ." .4 0":06 18 6 .* 0 +*6<
3+18 $1 - 51* +8 # 0""0: 0+8 09 8 *1 - *0 .5+4 018 1 .61 +6 41 *+ - 04 0*6 0
9 3+0 70*0 , 1 +60 0*6+ 71 6.2.6+ 06 .5+4 5.91 + - 1 4 *08 * 6.2.6 *0 "" 8
*1:.8 6 2.8 ,1*6 . 5.6 . - - 1" 0*6 2+8 0,056+84. 06+ 04 ,+ - *7+ - .*+ - : 40
06+ - 0 8 71 - * 2+8 50 ,+" 1 + - - .*+8 +9 0*6 2+8 604+ - *09.60 5"+8 09 8
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70 4 5+6.2.*6 *1* " ,0 0 " *0 5 *, 5+ - .+6 5 - . - .9 6 .6+8 .+41 6.60 . - .
+ - 0 0 *0, 0/ *<+ 1 +8 6 : - 1551*0 0 +2<04 8 <+8 0"%0 4 .6 8 450+ "0
0+ - * 0" , ,1*.6+ "16 08 0 .*60. .$ 160 6.*6 2+8 60*6.6. ,+ - 06 090*41 -50?
1 - 5. 0 - 090 - 50 .06.60 - , .+ . 0*6+ 06 09 8 ,1* ". 1 + - * 3+. - .4
- * 6 .6 1*0 - 5 .060/0 0*6 .4 7.0, 5 *, 5+ - 06 5 - . 1 + - : 1 + - 0 .+41 B
6.60 6+0 0*6+ *+*, 090 - : + - 0"%0< 06 400"%05 *, 508 .43+18 09* .4 - * 6 .
6 1*0 - 50 6 *0 0 , .+ . 51 *6 06 4 0 60 60 6. 6090 - *1""0 0 $ 160 6.*6 + -
, .+ .0 5 .0<3 , + - . ,0 0 1" * + - 06 1, 18 12 ,1*<+ .6 1*0 - 06 . - 1 + - 0*1
:.6. ,1* " . +1 <+" + 155 0" 18 43+0 .45. , .*4+ - 09*+ - 0/6 0 - . *0,0"" 6.60 .4
4+4+ - 090 - 0, "0 06 3+. - : 8 0. 0 - 14+ - 0/,0"%0 6 *1* 6. - 0* .8 0""0 +2
<041 .4:0 +85 *, 50 - * + 90 0 .+640" 41 + - .6 1*08 06510*.8 .2 010/51 00 0<
,+ - . 015155" 8 - 51 6+8 6 ,+ 50 *40 2" +.0 .45 * "7.6 1* 8 .6 1*0 - 0
51 00*6 0440 0 60*0.6+ 0, 400 .*6 3+ 06 1*4.0 06 1< * "(0 - 1 . - . ,0+
. 0*6< +6 3+ - +"6. 09 2+8 *1* 0 0*4. .+ 0"%0*6 06 0 - . +55" , .6 1* 2" 8 06
#5 06.60 .4 : * 06 .4 1*0 - .44+/ " 0*6 *0, " *0 + - *0 0:0* "%0 +6 0/ 3+ 5.0 0 -
0/506.6 06 04 4. 0 .4. +6 .4 6 .*3+ "" 6.60 - *0,0" . .6+0 :0 6 0/6 0 - . 7.0,
,1* " . ,050 R 0, : 6 . *60 $ 160 6.*60 8 <. - . - +"61 60 - 51 0 0/ * - . ,15 .
06 16 1 9 ."%.*6 . 4 " - +".2.76+ 3+.0 <+ 6. - 0 .63+0 .401 0 8 . - .4:0 +8
5 18 0/, 6.H*6 6.3+0 516 +8 0"%0 +6 0 09 +2< , .*6 06 +55" ,R 1* 2+8 . , 5.
6 0*6 . 0+ - 3+0 * . 7 8 5 +8 6.:0 *6 * 51 60 + - 5". , .6+ - 7.20.*6 6 :0 3
3+ 40 - 08 7+ - .* 8 .6 5* 2+8 0/50*4.6+ 51"" 1, , "28 616 1 6 " * 18 : 18 616
5 .0,". 18 20"" 4+,08 616 6 .908 +2 3+0 04 6.8 616 . - " .8 50 4 056 1*08 5 1"
9.6.8 3+.0 20"" 90 0*4 .6 1 .+6 3+.0 508 * . - 8"+50 0 0 5160 .6 N 4 - 402
2+8 "1, 8 . , 5 .0" 4 1 40 6 6+6 8 40 , 0*60 50,+* . ,1*6 . " 7 :0 09* 12R
,1* 40 0 . - 0*6 .0 5 15 +8 : 402.6+ $ .060 0. * 0/60 * 8 .+/ " 8 * 7 , 8 0 .6
06 *9" .0 09 * . - . , E0 - .*18 - 50 5 *, 508 40"50 .6 8 $ 160 6.*6 + - 02+8
3+ 2+8 20""1 + - +50 1 + - 64*51 2+8 %0 - 50 5 .0 61 +0 +*6<"#,+ * "+ - - . <.4+ .
06 09 8 1 0* 1*0 *.*0 8 + - 56+8 - * - 0 .4+ 18 .55. ,2.6 L 6.3+0 * 7 ." +4 .2
7+ - .* 8 5 .0 4 8 . - 5" +8 +50 .2.6 3+. -)6 "0908 . 090 . , , 50 0*6 ,6 .03+ "" - 8
3+. - 51 "0*6 ,1*4 6 5* 2+8 ,+ - 01 5. , 00 0*6+ (04 .4:0 +8 7.0, 20"" *,1 -
- 14. 06 *1:.8 +2 *40 0/1 0*60 8 4 ,+"6.608 1.04 + - 71 1 5 .0 4 + - .4
- 660 0*6 5+9*.2.6 06 0<+ 40 - 50 6 8 12 1,) "18 ." 4+0 12:0 .*6 8 - 06+8 * + - - .
0 + - * - 6.60 6 - 4 "" - 1 ,+ 3+0 0/ 40 50 .6 5*0 .* - 18 .4402.6

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0 076' * 6.*60<2+ .'+6V 09 8-. 4.6 81260-50 . 0*6 ' . ".+ 1* +8',+ .0' "" +8'
,1* " . +8',0* 0 *6 2+8'5"0 3+0' 3+0'"1,+5"06 1 2+8'60-51 ',040*4+-'0 0'.0,' D ' '
0/5,4.*4+-' 4+-'60-0 6.60'" .'1-*0-' 2'510* 60*6 .0': .-'5 .0,"+40 0*6' 40'
, 061' 0 ,0 " 6'06'3+.'0 .6' *60' +18'12' *609 6.6 8',6',1* 6.*6 .0'15 * 1*0-'.+ 61'
6.60'50 : , 6' *0'3+ 43+.-'40,0 *0 06+ ',+-'4 ,0 06' *'01'*0916 1'* 7 " 0 6 *.*'
4+-'0 "0' 04',.5 0*4+-' *'4 0-'0' 0',1*" " + -' *.-' 0+-'7.+4'4+2 0' *' +.',.+ .'
+8'5 .0 61' +6+ +-' 3+14'"'.4' . -.'40:0* 0*4+-' 6' * 7 " -1 60' .,0 2 +8'54 "0'
01*6 *90 0' 3+.0' 61"0 .2 " 1 '"1*90'9".4 58' 6 590*6 2+8' 6' +6+ .'3+.-' ' *0 -08'
0'5 .041* 2+8'404.*6'.'3+ 2+8'*1*'." .-'3+.-'3+' ' +606 .0' + 0" ." ' +94+*
. 6 ' 06' %1"1 .0' *+50' - - .* 60 '6 +44.6' +*6' 9 .6 .-'0/504 . ,'51"" *6' 156.'
2 " +8' 0 %0' -1 60-' .2' 71 60' 06' *'5 10" 1' .+6'5 1' -10* 2+8' 1 6 60'5+9*.*41'15'
5060 0' 3+.-'".6 1* 8' .+6' 06 .-',. * , 8' -.7+' *.4. ' *03+0':0 1' .+6' 7+-.*1'
.+6' 06 .-' 4 : *1'<+ 0' *<+6 .'0 "0'. -.'3+.0'5 1'<+ 6.'40 0* 1*0' *1*' .4' : -' * 0'
0*4.-' 04'.4' *<+ .-'5 15+" .*4.-' + - +*6+ ' *0,'20""+-'.4:0 +8' 090-' 04'
-5 18' 0<+8' ,1* " . 18'<90 ' 3+' 09 .'.+41 6.60' .4' ,.040 8'.,' .5 *.8' .2+6.*6+ '
*0,'4450 .*4+-' ' *' -.* 0 6.',.+".0' <+ 6 6 .' 0 1'06' :0 .'50,,.61 +-',1 .-'
01',1* 0 1*0' 0/5 .6 8' -0*6 2+8' *'0+-' 508' 06':164' +.',1*<0,0 * ' 3+ *' 0+8'
5 2+-'." 3+.*41' - 0 0.6+ ' 06' *"50 .6.': .'0/504 0*4.0' ."+6 8' .6 1*0-'." 3+.-'
0 8',1- -1* 6 06' ' *60 0.'5.6 0*6 .'06'5 0, 2+8'9 ."%. ' :0 +-'0"%0' ,3+0' 0/ 6 -. 0'
5 18' 4020 0' ,+-' *' 0 6 *.6 1*0' -+"6+-'50 ,+"' 6' -2 .0' 06' ,+*4.6 1* ' 3+.0'
5 .0,". .8' 0' 20*0' 90 0*4.0' .6 5*08' 5 .020 0' 1"0*6' * 60*4+-' %0' 4' 7 8'
.+ 1* ' .471 6.6 1*08' .,,040*6 2+8', 02 8' 1*6."2.*0* +-'" 60 8' 3+' +50"'
A.*1 +-'0/0* 5"1',1* -.6' 0-.+ 0* 0 8'+6' *'5 151 61'40'*1*'.,, 5 0*41'5 .3'
4 1.+6' *60 - 660*4 8',1*, 1* 2+8'50 0:0 . 0*6' 71 .2.*6+ 'A1+ .0' 0 561'5 1'
" /1 0 51*40*6<' 06' 40' 40' 06' 12 03+ 1'0 9.' 090-'5 .0 .67' *, 4 "0'0.8' 13,. 1*08'
4 ,6+6' 3+ 2+8' 3+1' - *+8' -50 .6.' .,0 051"" *6'5 17 20.*6+' * '0* - 2 40'
:6.' 1 6+* 8' 06'3+14':6.' 1 6+* "3+0'5"+ 8'.0 6 -0*6<' 40',1* 0 0*6 . +-'"20 6.60'
.,'5+2" ,1' 0" 9 1* 8+ 41*005 -+-,.:0.6+ '40'5 .0 4 1'.,, 5 0* '71*51 "0'
. "0* +-'5 .020 0' %+ *'.-5" ,.6.' -+"6 8'06' .4 71 1 0-',1-51 6 8':0 2 8'$. '
"0* '06' + 2 + - 3+.0'0<+8' 0/0-5" -' 0,+6.0' +*6'".* 0*.;01' 0'60 0 '4 ,+*6' *0'
'<+9+-' 3+14' 406 040*6' 2' -51< '5.6 .*6+ '5. ' ,+-',060 8' 06' 40-' *' 0" '
9 1*0' 0*6 0*6 2+8' 1, 8' 06' .- , 8' 0.04 +-'.,' +55" , 1 +-' .0: 6 .'40"0.*6+ ' *1*'
- *+8' 0'5 1560 0.' * 09 8 40' +6+ 18<' ,+ ' ,+-'6. *'5 .0 0*6 8' 0/ 6 ' -06+8' 6 .4+'
60-51 8' 5.+".6 -'0/'.* - 8' 0/1"0:0 6' *1*' 1"+-' *'0.' 6' 04' *'." 8' ,+6'40'
20.*6'12 03+ +-'40 *,058' *6'5 .0 6 6+ ' 1,'.,,0561' 0 51* 1'* 7 "1- *+8'A1+ .'
3+. '40' 5"2 - -' ."+60' 1" , 6+8'+ 902.6'+6'3+1' 09 8 3.*4.6 8'3+.4.*60*+8'1260-'
50 . 0': 40 0*6+ ' ."60-'.4'." 3+14'60-5+8',1*41*08' *60 - 660 0*6' ' 3+. +-' 0'
3+0*6.6 1*0' *1*'6. *' .4' "".3+0.*4.8' 5 1 +-' ,1* 0 0*6 .8' .+6' 5 +-' 0" 9 1 8'
+ + -'5 17 20*4+-' 3+0 *' "" 8' " 20 +-' 0" *3+0 0' 0/' 40 *,058' *'.* -1'7.20.6'
04 41' *60 4 , 6+ '3+.-'.4' :6.5 4.8' *'5 .0 0*8' 6+ 2.8' 06',1*:0*6 ,+"1 +-'1 0*'
1*0-' 3+.+41' 09'50 +. +*' 6' *1*'40'5 06.6 8'0/0 , 6 8' -1) -'0-0*4.6 140'
.+6' 4 0 5" *.' .*, 0*4.' 04' 40' 1" , 6.*4.'+ 2 +-' 40' 04 6 1* 2+8' 0/, 6.*4 8' .,'
40* 3+0' 40' 20"" ' 90 0*4' .6 1*0 *' 8',1*:0*6 2+8',1* " .'.9 6. ' 9 6+' 0-.+'
0* 08' *0' "09.6'.63+0'.401' 09 8' -50 +-'*09" 90 0' 1 - * *1' : 40 0*6+ ' 0' 40" 2,'
.6. 40,0 *+*6' .4'5 .0 0*60-'*0,0"" 6.60- '+6',1*41*08' *14 6' 06' 4.-'*1*' *60 4 +'
7.20 0*6+ ' 3+.0' 08' -.9*.8' 3+0 0".8' *'+ 2, 0/, 6.:6' 0-.+ 0* +-'0/0-5"+-
"0,+6 & :. 0* 08'06'." .' *' 0:0* 8'155 4.'3+.0'.'$ 160 6.*6 2+8'60*02.*67 ' ,.' ,
.6 1*0

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.6 1*0'5R<.6 1 0 - '7.2 6+ 18' 090 - ' 0 .*608 ' + - ':0 1' 0 - .+ 0* 08' 20""1' 0 660"
E eA(' . ,0* 1' *' 0' 5 - + - ' . - 1 + - ' - 506+ - ' *,+2 6+ + - ' 5 1: 40 0*6 ' 1 - * .' .4' 40 '
0* 1*0 - ' 5. .*6' ' 06' +2+ 2 + - ' 03+0*6 "" - + - ' 3+14' + 2 ' 12 0" .0' - +"6+ - ' * '
,1 - - 14.6+ - - '.55. 02.6 '.*60'1 - * .'4 ++*6' " 8' .' 090' +0 .6' *'& : 0* 0 - '
.9 + - '0/'& :. 0* ' *12 " 6.60# 190 +8' : '5 12+8 '51 6',+<+8'.4:0*6+ - ' '$+ *+ - '
' 714. ' 5.' 6+' - +* 6+ - '06' .4' 08' - +"6.81551 6+*+ - '155 4+ - ' .' $ 160 6.* '
6 2+8'1,,+5.6+ ' .*4' 3*90'7 *,'.20 6' & "".*1:.'155 4+"+ - 'D5 .0 04+ .'<+ 4 ,. '
0/'3+.' .4' ,+ . - ' 0 *.+ 0* 0 - '5 1:1,.6 1'0 6' *12 "0' *'01' 155 4.* '+6 + 3+0'
0" 9 1* 8' 5 1' ,1 - - +* ' ."+60'06'6+60".' ^0 - '12" 9.;0 .*6 ' 06' 4+18' 4+,08' - " 6. 08'
)* :0 6.6 8' + .9 8' , 0.:0 .*6' ' .20""+ - '06' . 1* + - ' "+*D'$ 160 6.*6 + - '
41 6 *.0 ' "+ - ' - .<1 + - ' 0" 9 1*0' .44 4+ - ' 04' *1*'4 +' *60 '4 "" 40*60 8 '15 * 1 '
* 2+8'.* - 1 + - ' - .* 6',1*,1 4 .< 09 3+0 '3+ ' 2 ' .2' ." 8'<+ 6.'5"J0* 1*0' 6.6 8'
06' .4' 1 - * .' + 5 , 1 8' - 06+02. 6' 156 - + - ' .4+' 4+/0 +*6 ' 6' 155 4+ - ' *' 190 '
3+0 *' .' .*9+ *0' 06' : 1"0*6 .' .275 4 0' ,19*1 ,02.*6 ' 5160 6.60' 0 06' 2 ' .+60 - ' '
, 6 .'6+ - +"6+ - '.+6',+<+"3+. - ' *<+ . - ',1* 04. ' . - ' - ' 190 +8' .' .20""1'
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. / ' & . "0 * , . * . + - ' *' 4 08' - . 9 8' 5 0 - 0 06+ .6) - ' 09$6 + - ' A1 . - ' 0 * 41C . , ' I
"0 : 8' . - .6+ .0' 5 .0 0 61 ' +6' ,+ - ' 4+ .2+ 8' 03+ 6+ - ' ,171 6 2+8 ' 3) .0 , ? "40 * . 4 .0'
0 . * 6' ' 06' 8 ' 3+ . 8' Z' .5 . " 8' ,$"" 902 . ' ,15 8 ' " . 1 . * 6 2+8' . 0 8' 5 . ?0 4 . 8' "+ , '
,+ 0 06 ? 140 - ' 60 - 50 0' <+ 6+8' 0 * . 4 * +8' 0 * 41C . ' . " . 2 69 + . ' *' . - 1 '
* . ,+ * ' $06 ' % . / 8' 06' + . ' ,171660' * " 40 0' ' " 6' 4 ,+ 0 * 6 2+8' " . , ' 50 ' " - 60 - '
E . " 8' * 0' q' 1 * 608' 5060 0 * 6' ' 60 ' * 60 ,"+40 ' 9 6+ ' A1 . * * 08' 0 * 41C . ' .56 . ' - . * +'
+2 %1 * . , +6 *' : 0 * 6' ' + - 56 8' *' . - . 7 0 * 6 . 1' . , 8' . - (6 1 * 0 - ' * + 50 ,1 * '
, 56+ - ' * 6 + 6' < 06' ,+ - ' 8' & . "0 * , . * . 8' 60 * 4 6' ' 01' 1 4 * 0 ' " 6 ' 66 14+4 8' *' . 600 - '
0"9 . < - ' 9 * 8 ' ,060 18' .4 - 6 8' " / 8' 06' , . , +" 8' *' ,1) 0' 1551 661' 4 51 * 0 06' ' 6 . '
" 6' - . <1 0 - ' * + - 0 - - ' 0/' 155 41' 504 . * 6 2+8' 05 .0 0 * 6 . 06' ' %+ *' <+"" 8' .4' 5 . '
* 1 + - ' 6+ * N' 5+" . ' 6 ; - 5 . * 8 ' 3+ . 6' 5 . * . 00 . , ' ,15 .0' 0 0 * 6' ' * 90 * 8 ' * , + "+8' 15 '
5 4 . * 8' 06' 12 40 * 6 2) 8' 60 1 ' 3+ ' 6 .6 - ' : . ""+ - ' 4U 0 + * 6' 1' ,$9 * 61' * 61 * +8'
%1"06 . * +8' 50 ' - 10 * . ' *' + 20 - " * " 6' ' 06' .2 . , 8' 5 .0 4 . 8' 0140 - ' 60 1 0' 6'
- 506+8 ' *' 3+1' . " 3+16' 0/ ' E . "" 8' 1 , , ; ? / ' 9 * . ' , .56 . ' "08' 5 .04 .0' * : 0 * 6+8' + '
9 0 * 60 8' 50 03+ ' * 09"0/ 6' 3+1 + - ' 5"0 3+0' . ' . " . 219 ' 5 .0 4 . 8' 4+ - ' 0' .4'
? ' ' ? ' ? d " - 60 -
(' 4 . ' ! # ' 8$ $' ! # ' / ' ' ! # ' /
' - = 4 ' ' ' D 18 # 3 # ' 8) , ' 1] / 2' ## !# ' #L " !$ 14 , #2' C]
+ U 6 ') * # ' ' ' ' ? ' B 0 ' + ' ' . " ' 5' '
4- & ' V ' . ' % 0' ?+ ' 0' ' . ' $' . ' && ' B ' ' '$. ' U `
' 5 A ' 5 U ' / 4 U ' ' * / ') ' G & ' ' '
, ' ' > $ C ' % ' F ' % ' + B $' ' ' . ' ' ' ? $
\ ' 4 ! $' ' ' M)$? # ##! ' 1 ! #$ 2 !# ' # . !
% \ ' ' ' 1 : 1 4 . - ' L ' '
% ' 1' ' 6' ? = ' C' ?

' " - 60 - ' 045 +*6 ' *60 ,056 '06 *60 04 ' +*6 ' &."0*4.* 8 0,0 8 ',1*6 *+1'<+""+8
' 'A1.**08 0*41C.',+ - ' '"0: 8 . * .6+ .0 - ** 8 .".219 + - '06 # .:.,+ - ' * 40 0 '
+6 .+/ " . 2+8 51*608 5060*6 2+8 .4 6+ - ' - 504 606? - " 1 &."0*6 "1 $. 401 16.N
<$.5 ." 8 "09.61 ' 3+ ' &."0*, .* 8 5< .00 %06 ' '

& ' $ % & ' *60 * ' *1* ' ,1< 60*6 ' - . 0 *,+ 1* 2.8 * 0 6+ - ' 1 '
,0 0 ' ' ' '20"".61 - - ' *'60 . - '0/51*+*6 ',<+ ' 'G 612+ 91 ' ,"1.' 6 40*2+ 91
, 6 8 ' ' +9.8 + 6<+0 06 E.*4.:+ - '0/,+ 06 608 ' ' 1 60 155 4.* ' .4 018 0 .4<+ - '
90 0*6 '." 3+. - ' - 1 . - ' * ".*4 .' 0,0 0 ' 40 *40 ',+ - '*0 - 1 018 .4 - 660 06 ' 0 * '
04. 0 .4 +18 - +8 0,050 0 ' A 140 - '60 - 51 0D% 0 . +8 ? '%0 910 . - 60 :6.; 6 '
04 1 ',1*.6+ ' < ,+ '4 40*8 "2.*+8 41 + - '8 $.,70,+ - '3+ '2 - 0*60 + - '60 '
5 <.6 ',+ - ,171 60 +H5 .0 0, 6 ' &" " *90* 08 :0 5 * 0" ,0 - % 06. " ' +,,0 "+ - '
50 6.0 ' 06?E.""1 + - ' 3+58 4,+ - '4+,02.6 ' * 1"0*6 . - ' +6 . 02.*6 ' :0 6 ' 018 *6
9 0 + '+ 2 8 5 17 2+0 0 ' E."" ',+ - ' * 8 .4 (+6".*+ - '5.9+ - ' * '5 15 *3+1 4 :0 ?'
0 0 ,1.4 ',+ - ' 0 5 1 '60 - 51 0 - +* ; "0*6 ' *,+ - 20*6 2+8 "402+ 9 '5 .0" 4 . '
8 +2 ' 4 "+,+"+ - ' 155 0 " ' . - " 8 ' 0/' - 8 ' 3+. - " 06 6 0*+0 4 - ,.*608 ' *6 .'
) 4 - '5.9+ - ',1 - 50""+*6+ ' ' +2 ',+ - ' 5.* '5 1 9"1 . ' 5 '5 1 : 6.',0 6. 0 - '
0 *5,0 - '4471 6.*608 06 ' 5.+"+ - .** 60 0*6+ ' ; 61 . - ' 3 - .* 2+8 0 0 ,". - '
. 608 '51 6 .6 5/'.,'4 +6+ *+ - '5 10" + - '61 - 0*6+ - ' * ',1* 0 618 71 608 4 "5"14+*6 '
,+<+8 42 '." 3+16 71 - *+ - ' 6 .90 04 6. ',060 '5040 - ' - 1/' 06+"0 0 '3+1 5. + 5.+"+ - '
60, 0.6 '.* - 18 0 + - +*6 < 06 * ' 8 ." 3+16 0550* 08 1,,. 1 " ' - * - 0 40 +0 '
3+ ',040*6 2+8 5.* 8 - 60*4+ - ' .6 ' 0:1,.6 c .4 9*.' 1, 8 ' 018 - .9*1 - 506+ '
*:04 ' +*4+*6 ' - +"6 8 1,, 8 '5"+ 2+8? .+, .6 8 ' $0 0 0 0/' 71 6 2+8 '6 *. - '
*1 "A ;0 '6 2+ ' - 5 60 6.6 ' 06 ." .8 5.*1 + - ', +40" 6. 0 - '0/1 ' *+) '
404 6 6 15050 ,0 0 ' $1 6 ,0 6. - 0* ',+ - ' *9" '&" " *90* + - ' *9 .6 - 4 * 8 50 6.0 6
' 41 - + - 04 < 0 6.6+ "0*6 ' % 0 . " +8 03+18 0 8 ' 3+." '.4 61 - 0*6. 04+00*4.'7 8 15+8
< "06 ' .40 - 6 >06 60*61 8 .,'5.9 ' 5. 60 . - 2+ 6.' *40 ,. 6 .' - 1:06 ' 2 '01 60 - 51 0
- " 608 " 90*6 .0 . +06 ',1*60 - 56 8 4+,+ - ' - 50 "8 7+0 ""+,' :.9 '50 ' * +". - 0 . '
2.*6 ' 0/' .563; 6. - ' - 0 .2 " 60 '61"0 .*608 < 3+18 - 0 .6 ' E.AA ' 3+ ['; *9.0
LO .%6 '.*1 0 ,1*,+2 .' +* 2+8 40 - " 8 - +"618 0 + 8 ,1*60 . "0 8 * - +6 ' +2"0;.
+*6 ' G+1 ,39* 61 &" 66*90* 08 6+ - +"6+ - ' ;0 6 ' +6 ,060 ' - ' + 20 - ' *6 14+,0 ?
0*6+ ' 50 - 0 0 ' 04 - 1/' 1 40 - ' + +8 *2:.0 0/504 6 1* 8 ,1*66.' %0 910 0 - '
+ 6(5 0*4.0A50, 0 0 - 0 0 ' <+8 +/' 0 .6 % 0 . 7+8 ',+ ?06 /' - .,7 *.0 - + ."08
,+ - '20"" ,1 '1 - * .55. .6+.66 2+6.0 +*6 ' +.2+8 .5. 6 2+8 ;0 20 .6 1 .4 155 4+ - '
. 6.' 2.+4 6.' - + - '<' + *.3+004 6.' ' E 0 " +8 ,.".8 .4 - 1:06 ' 06 ,+ - ' E.""1 + - '
06 *9 1 + - '40"0 6.' - .*+ '.4 51 6. - ',.5 6 8 ' 3+. - ':1,.*6 ' : - ' .,6?*1 0 12 0+ .?
- " 6 2+8 *60 +".8 ."2.8 *4+0 0 <+ " 8 ' + 6 *60 '5+9*.*4+ - ' 4 9*1 00 0 0 51 60*6
4 ,1*6 8 06 ".5 4+ - '9 .*4 *0 ',+ - '2 0: 1 08 ,.".0 0 "0*6 ' 40<046 ' +*6 ' ." ' 3+ '.2
.4;0 .' 5. 60 ; - ' .,0 0<+ ' 0 .*6 ' * 3+ 6.60 "1, ' 4060 6 ' .2 6 *+0 +*6 ' (5. .'
- 1/' . - .' .4:0* 0*6 + - ' "402+ 91 06 *6+0 5 .' .+/ " 1 + - ' 0 - 0 0 - " 608 ' 06
40 4 ,0" + '06 . - '4+,+ - ' *<+"%+ 19 6. 0 ' G+1 19* 61 % 0 . +8 3 1 '.,'" ,0*6 .0
5 .0;0 60*4+ - ' .6+8 ' *0 ' " ' *<+ ' .' 69* 8 4 0040 0*6 ' 61 - 0*6.' 40 0 0 0*6+ ' 5 ,'
.2 G2" 4*0 4 0040 040, 0; 6 '06 E.""18 06 *9"18 6+ - +"6+.*60 8 *'0/6 0 - 0 .9 - *,'
6.6+ 6< 3+ ' 6.6 - '0 + - 50*6 2+8 5 .0 4 . 8 ,1* + .' 6 .' 4 ".5" ',+ - ' * +18 <. - '
.:0 8 ,1 00 6640*60 8 *,+2+ 0*6 6. 6.'6 05 4.6 1*0 ,+*4 '.4 *.:, 8 ,1*,+ 0 +.6 '
+6 5"0 3+0 ,.57.8 5 .09 .:.*60 - +"6 6+4 *0 405 0 (' +0 *6 ' $0 0 0 .3+ 8 7.+ 6 '
.+671 6 " - .*+ *60 0 - 56 '.4 ,,' ' - 504 - 0*6.'1 - * .'U - ". '61 - 0*6.' 0 ;.6.' +*6

& ? %0 . +8

& ' % ' ?% 1. - ' N ' '1 '4
' ' ' ' ' 5 '2 $ A ';# # ' ' !2 ' ' ## $ - '4 # 2 /' 9 ' ! $ 2
'9 ! $ 2. #)$)$ 2; / $ 2 - #! !#)$ I # ! #2/' 2 ## # ' 2
2 ' 0 , $ (! $ I!' ' 3! #)$

ˁ ˁ ˁ ˁ # ˁ)' .

% , . *18616ˁ * 0" , + - ˁ!) , ,4%.+ - ˁ5,<6.0 8 5 1560 3+185 14 41* 8"* - +".2.6+@ ˁ 0$ ˁ
3+. ˁ ,+ - ˁ "2 . * 1ˁ ,1* " .ˁ *ˁ4 , . * 1ˁ 6 1 - * .+* , . 06ˁ .4ˁ .+ 1*0* 0 - ˁ 0ˁ ,1*6+" 6< ˁ % ˁ
3+0 *ˁ06ˁ +55" , 60 ˁ1260 6.6+8ˁ0 6ˁ+6ˁ3+.*41ˁ5 - . .0ˁ.+4 1 6.6 6ˁ4+,08ˁ*1*ˁ 1"+ ˁ
,+"5.ˁ 04ˁ1 - * * 1ˁ,+"5.0ˁ + 5 , 1*0ˁ: . , .60 4020*6ˁ 2 ˁ ,+ - ˁ21* .ˁ0<+8ˁ9 .6 .ˁ" ,0 0 0ˁ
4+0""1ˁ ++ - ˁ40 , +8ˁ.63+0ˁ0/ 6 - .6 1*0 - ˁ6+0 ˁ 43+, , 561ˁ ,+ - ˁ 5 . "" - ˁ 5+2" , . 0ˁ
:0""06ˁ . 2ˁ . - 6 8ˁ - 1 6+8ˁ +6ˁ + - 1 08ˁ40ˁ 0ˁ 5. 18ˁ60 - 51 ˁ 050" 0*418ˁ50 - 660 06ˁF
.,ˁ*0 - *0 - ˁ . (ˁ ,0 6. - 0*ˁ5 1:1, . 06ˁ5+2" , .6 1*0 - ˁ + 6 *+ 6?ˁ (0,+*4+ - 7.0,ˁ *9" ˁ
*ˁ5.6 . - ˁ 0 - 0. +*6ˁ E."A ˁ .05 +8ˁ - " 1*0ˁ5066. ˁ51 6ˁ"0: .6ˁ." 3+16ˁ ,+ - ˁ "40 ˁ
2+ 90* 62+8ˁ ,1* 0 6.ˁ5 10 .ˁ *4 9 .6 ˁ 3+14ˁ.ˁ5"020ˁ6.*3+. - ˁ5 14 61)08ˁ06ˁ 9* . : ˁ
*16. 06 6+ ˁ 6.*40 - ˁ7.,ˁ " .,ˁ4 :0 ""ˁ ,1* ,0 0 0
& """ ˁ ; & ˁ 4ˁ 60 - 5+8A1.**08# 0 4.ˁ 04 * .0 ,10"ˁ4+/dˁ3+0 *ˁ /50 1 0ˁ .*74ˁ
+, ,0 62 0 - ˁ "2 . *1ˁ40 9* .6+ - ˁ4 / - 8 ˁ06ˁ ,+ - ˁ f ,* 06ˁ60 - 50 6.60ˁ *ˁ 5. 0* :ˁ
0<04+ - ˁ .4ˁ : .4+ - ˁ2.+4ˁ"1*90ˁ.2ˁ 60*4.ˁ.5566"6ˁ ˁ 4 ˁA+*e ,+ - ˁ,". "0ˁ ˁ1 - * 8ˁ
1 - .0ˁ) . : + - ˁ 3+ 2 ˁ 51 6.2.*6+ ˁ ˁ fˁ 4+,0ˁA+" .*1ˁ 1 - 0 18ˁ +2 ˁ ,19* 64ˁ
2ˁ .66 . ,1 + - ˁ * +".8ˁ5"0 . 3+0ˁ 020"". 0 ˁ ,0"1,0 - ˁ *9 0 "+8ˁ06ˁ ,". "0ˁ +2 03+ ˁ<+ ".ˁ
,ˁ("+ .8ˁ5 0 6 6 ˁ 3+1ˁ "1,1ˁ6 .ˁ - .<1 .ˁ* . : 9 .ˁ. 0* 8ˁ "" . ˁ06ˁ51 60*ˁ.2ˁ&" " *90 ""<25ˁ
4+, ,ˁ %7012."41ˁ$06 1ˁ h 1 6 1ˁ * ,0*4 1ˁ,1 + - 56.ˁ " *6ˁ ("+" 8?^+9.8ˁ< 0* 6ˁ
0 4.ˁ ,6ˁ *40ˁ +/0"".8ˁ< 2 3+0ˁ ,+ 6ˁ "2.*1ˁ ,1""1, 6+8ˁ, *ˁ5 .40 ˁ 50 - ˁ 08ˁ6+ ˁ
2.6.8ˁ1 J0*4 "06ˁ .ˁ 0"9 ˁ.4 - * 6/.6 1*0ˁ 0ˁ0/ ,+ . : 6 [06ˁ 0ˁ516 +8ˁ +2ˁ 5 1" 20 "60 ˁ
- " 6.6+ + 6ˁ 0 ,05 6ˁ ("+ 8 0 - .* 0 .6U 1 - 0 +806ˁ(.*4 +8 0"6 . - + 8ˁ$09* .ˁ,+ - ˁ
, , 5.* 8ˁ3+ ˁ0/ ,0* 1*0 - 0 ,0 .*6<ˁ06ˁA1.**08ˁ 1 +8) ""1 .ˁ ,+ - ˁ 0" 3+.ˁ ,". "0ˁ
ˁ. ,1 8ˁ 6 2 .6ˁ ,+ - ˁ0 , ,0ˁ/ / < ˁ1" , .408ˁ ˁ + 6.* .0ˁ:0*61ˁ 0 ,+*41ˁ - 5+" .0ˁ*1*ˁ . ˁ
"+6.6 8ˁ("+ 8ˁ "X .*1 6 - ˁ,". 0 - ˁ5 .060 :07+*6+ ˁ06ˁ 9* . .0ˁ ; " *9 . - ˁ 020"". "0
ˁ60*4+*6ˁ 3+ .8ˁ * 0 ,+6+8ˁ) ""1 . ˁ 4+ - ˁ&" " *90 08ˁ *ˁ + 6.*18ˁ :1". *6ˁ2 , , . ˁ
" 1*0ˁ, .56. "402+ - ˁ 0ˁ ,1*6+ 6ˁ06ˁ.4ˁ . - - 0R0* ,ˁ, . 6 +*ˁ: . .ˁ06ˁ 0 0"* 3+.?ˁ ˁ
2 6+*.ˁ . 4 . 6+8ˁ0 6ˁ 6.* .0ˁ - 06 ,08ˁ *90*6 8ˁ5 06 ˁ, .56.0ˁ06 *5+2) 058ˁ 20"" ˁ66 8ˁ
4 :0*4 6.0ˁ 1*6ˁ A. - 3+0ˁ *ˁE0"4 . - ˁ .+ 1*0* 8ˁ40 00*40 .6ˁ 06ˁ.4ˁ0+ - ˁ ,1 - 08ˁ
8 .60*2+ 9 ,+8ˁ,+ - ˁ ˁ ,ˁ03+ 6 2+8ˁE0 - .* 8ˁ06ˁ : , 1 ˁ504 6+ - ˁ 0ˁ ,1*<+ /0 .6<ˁ
,+ - 3+ 2+8ˁ + 0 - 1*4. - ˁ:0* 6ˁG+ 2+8ˁ4 ,+"6.42+8ˁ+*4 3+0, , ; * :0""6 +8ˁ "2. ˁ?
*+8 ,+ - ˁ5"0 3+0ˁ +.40 *6 +6ˁ ," 4 8 +/0"" 8ˁ *ˁ60 - 51 0ˁ 0ˁ *6+0 5 . - ˁ,4* 0 06X
.0ˁ 6ˁ4 +6 +8ˁ 0/ 504. 06ˁ 4ˁ: ˁ06ˁ ,+ - 0/ 6 - .6 1* 8ˁ< .4+ .ˁ . ,0 0ˁ,190 06+ ˁ 7+7U
3+. - ˁ6. 0* ˁ 3+.ˁ0 .6ˁ.* - - .9* 6+4 *0ˁ .44+, ˁ516+ 6ˁ+6ˁ+""+ . ˁ40 50 .6 1* 8ˁ 0 ˁ
+ - +. + - ˁ *4 , + - ˁ4. 06< 516 + 3+0ˁ0/6 0 - .ˁ5.6 0*4.ˁ06ˁ . , 0 4.ˁ 2 ˁ5 151 + 6?
3+. - ˁ +6ˁ 1 6ˁ +"".ˁ ˁ5. 60ˁ ,1* ,040 0ˁ: 40 06+ ˁ * . - ˁ ˁ 1*608ˁ40"0 0 0ˁ 3+ 2*Nˁ .6
1 05 . , .60ˁ52 %0 " 8ˁ.4 6+8ˁE . "" 8ˁ.4ˁ 0"9 + - ˁ * : .40*4+ - ˁ5.602.6ˁ$7 " 55 ˁ 08ˁ *ˁ7 8ˁ
5 1: 5, 8 , :0 60 0ˁ *60 5 06.2.6+ ˁ *ˁ7 8ˁ.*9+ 6 8ˁ U+ 7ˁ - 4 3+0ˁ :0"+6ˁ .ˁ 1 6+*.ˁ
,65 .0 4 87+* .* 840 6 6+0 06* ˁ *03+.3+. - ˁ 0 5 * ˁ40 0 + 6ˁ 6.3+0/ˁ ,171 608ˁ
140 , ˁR%%1"06.* ˁ ˁ *6+0 5 .ˁ0:1 , .6ˁ .4ˁ0<+8ˁ5 .0" 4 + - ˁ 1*4 .9 7 1ˁ 0" 41ˁ<ˁ06ˁ
& ˁ." .8ˁ6 + ,0ˁ .5 ." ˁ * ˁ3+3 ˁ 41: ,+8ˁ# . "0 - 1*6 +8ˁ]ˁ . - 0N. , ˁ. ,7 05 $?
,55+8ˁ, 3* , 5 .6ˁ?? 1" * 1ˁ4+,0eˁ06ˁ * ˁ0/ˁ"09 1*0ˁA1.** 8ˁ 1 ˁ +6 ,1 - 6 8ˁ8ˁ
A ˁ03+ 6+ - 6+ - .80/ ." .219 ˁ5 .0 4 8 13608:0 "+8ˁ60 40 0ˁ<+2068ˁ5 066 "2ˁ
J 40 ,1ˁ " 1ˁ ,+ - ˁ ˁ 10 R0 - 1ˁ 06ˁ 7.5 *1ˁ?& 60"" 1ˁ, . 6 1 +* ˁ5 .0 041 ˁ 3 ˁ
, . 6 8ˁ"1,+ - "41*0+ - 40" 90 06 ?ˁ + - ˁ.4ˁV 067"35 6 ,+ - ,10*12 + - . 6 .51 + "06dˁ
, X 6 1 - 2+8ˁ06ˁ"0: 2+8ˁ5 10" 8ˁ." 3+16 08ˁ *R ˁ,0 6.6+ - ˁ0 6ˁ 1*6 . ˁ; ˁ 121 0+8ˁ
1 66.dˁ.4 ˁ (5 *1"0* 0ˁ ,10*12 + - ˁ - +* 6 1*0 - ˁ .990 2+8ˁ : ."". ;0 .6ˁ 3+.
0/50""0 ,

& ˁ # % #ˁ +1*0ˁ$06 1ˁ&1 61ˁ < ˁ 1ˁ4ˁ D(5 *0"0:0* 0ˁ ˁ ˁ i ˁ L ˁ
:ˁ- ! ˁ G " 4 " ˁ D ˁ ˁ / ˁ : 4G. ˁ 4 ˁ%U 4 I R ˁ :ˁ".)ˁ
/ $ˁ+ ' % ' ˁ ˁ ˁ4 ˁ ˁ. ($ˁ ˁ4 ˁ ˁ% ˁ " ˁ ; $
2 2 $ #! , ˁ ˁ ˁ)$ 2 ˁ " "$ " $ ˁ !$ 2
"#2 ˁ 02 H$ I" / $ˁ 2/ˁ ˁ #ˁ% ")ˁ 52 # $$ \ 2 ˁ #/ / ##
I ˁ0 , $ &ˁ ˁ ' ! $

? ˁ ˁ ˁ

" * ˁ0/56""0 0ˁ0+ - ˁ,1* .*608ˁ 5.* ˁ,+ - ˁ4 . - *1ˁ 02+ "6ˁ + "6ˁ + - ˁ:0 1ˁ/ / /ˁE.""ˁ03+ 08
ˁ ˁ *+ 20 - 50*06 . 0ˁ :0""0*6 ˁ .ˁ4+, 2+8ˁ : .6 " "40,056 *ˁ71 6 + - ˁ - .*+86 .4 6ˁ +*6ˁ ˁ
3+1 + - ˁ / : ˁ *3 - 6 0* 8ˁ 0:0 6.6ˁ +2<04 ˁ +50" - 1*4.0ˁ .4ˁ 03+ "0ˁ5. 6 - ˁ + ˁ
50* ˁ 5. 6 - ˁ5+9 2 2+8ˁ02* 1 ˁ 7ˁ ˁ (, ."4 - ˁ5 .0, 5 6.6ˁ +*6ˁ .44 6.ˁ *ˁ018ˁ510*. ˁ
3+ ˁ, .4. :0 .ˁ 06 .70 0ˁ .+6ˁ 05+"6+ .0ˁ*". *4. 0ˁ.+40 ,*6
ˁ) ˁ *ˁ01ˁ +*6 ˁ N . "2: 1ˁ0/ˁ 4+, + - ˁ 0" 3+1 + - ˁ 0*60*6 . 06 + - ˁ& + - ˁ
0 6ˁ +6 A0*" +8ˁ * ."" . - :0* 06ˁ06ˁ .6090ˁ40ˁ 02+8ˁ1 - * 2+8ˁ,0 - 1 0ˁ50ˁ 5 + - ˁ
044 61ˁ.+/ " .ˁ ".9 6. 06ˁ "Rˁ - 5 9 0ˁ - .*4.6.ˁ ., 0 "6ˁ06ˁ20* 9*0Vˁ *ˁ.+"..,,056+8ˁ
1/ˁ - +"6.ˁ20*0:1R*6 .0ˁ0 9.ˁ 0ˁ06ˁ . "2: + - ˁ 9* , .6 1*0ˁ 0 - 66 6+ ˁ ,+ - ˁ,55 8ˁ
3+.8ˁ 1" * +8ˁ50 ˁ" - 60 - ˁ,1* , 20*4.8ˁ6+ .:0 .6 ? *ˁ 8ˁ 0<.*6ˁ :ˁ ˁ504 6+ - 4+ ˁ
, 2+8ˁ D 0*6 1< ˁA+ - 0"" 1 ˁ 06ˁ 0 .*9+0: "" 1 ˁ , ,ˁ03 608?, .6.57 .4 ˁ 06ˁ ˁR: 8ˁ. - . ˁ
6+ " 0ˁ6+ - .0ˁ $ .0,+ 1 08ˁ4+,02.6 ˁ$06 12+ 0 +8ˁ E0* 6.,+8ˁ $7 " 55+8ˁ . * +8ˁ
0) 1: ." +8ˁ 0" 3+2ˁ 03+ 6.6+ ˁ5 .00 . ˁ ,040*60 - ˁA0*" 6+* ˁ06ˁ51 60.ˁ50 ˁ"6, .8ˁ
1+0 .6ˁ . "2: +8ˁ +6ˁ *1*ˁ 0 6.ˁ 1*608ˁ 04ˁ "0/1ˁ50 ˁ (- 0 . , 0* 0*"ˁ .9 + - ˁ
6 *0 0ˁ 0ˁ,+ - ˁ .+ 1*0*"ˁ .6 0ˁ,1*<+*90 06ˁ &0 + - ˁ ""0ˁ, .+ .6+8ˁ ,1*6 . "6 - ˁ.ˁ
G1" <4 1ˁ - 50 + - ˁ +6ˁ 0ˁ3+ .ˁ5 - + - ˁ .4ˁ + 20 - ˁ,1* 0 06ˁ .""2; 1ˁ - * - 0ˁ.+
4 0*8ˁ + 6ˁ *60 0.ˁ R: 2+8ˁ 5 10" 8ˁ ,0 6.6+ - k 06ˁ ,+ - ˁ:ˁ 4 ˁG+ *6 " ˁ5 .0 "4 . ˁ
0/ "0*6ˁ - .9*1ˁ*+ - 3 1ˁ .44+ 6 8ˁ 0, + - ˁ + 6 , 8 4ˁ - 0"%0 - ˁ,1"" 90*4. - ˁ5+ <.66 - ˁ
0 6ˁ4, 60 ˁ 0 ˁ * 3+ 1 0ˁ52 0 "2 + - ˁ,1*4 6 1*0ˁ3+ˁ.4ˁ0/6 0 - + - ˁ *,+ - 20*60 0 ˁ
* . 4 72ˁ 0*41C. ˁ *6+"6 8ˁ0/ˁ + 8ˁ. - 8ˁ *6 .ˁ - 10* .ˁ +9 0*608ˁ ,1 - 5+" 6ˁ +*6 ˁ
&+"*0 .6+8ˁ6. - 4*ˁ *ˁ5 + 0ˁ & 60"" +8ˁ06ˁ 140 , 87%1R6.3+8<ˁ06ˁ ." 3+56ˁR: 8 . ˁ
- .6+ .0ˁ03+ 608ˁ1, , " ˁ A. - 3+0ˁ *ˁ, . 6 .ˁ:0*0 .*6ˁ.2ˁ "2.*1ˁ - ".0ˁ03+ 6 * ,ˁ6+ - . ,ˁ
(ˁ$7 " 55 ˁf 1 ˁ4+, 8ˁ . ,716.* ˁ ./ - " .* ˁ2 1 "+: ˁ,1 . (ˁ . R - 1*6 ˁ
10 R0 - .*8 0"4 ˁ05 - 6 8ˁ06 <01 9 9* 6.5 2 +9 ,16* 6 8 +6 ˁR9.6 ˁ
06ˁ: <"09 1* 8 +6 .* .0,171 608ˁ /504.2.*6+ 06 *4 08:" 9* ."09 1* 8ˁ 0.51 ˁ
"6.* .0 ˁ3+.0 .<04)ˁ0 .*6ˁ06ˁR9 1ˁ ,1". ˁVˁ$1": "R :3+.0ˁ - 8ˁ, 02 1ˁ*+* ˁ
, 8 1" , 6.2.*6+ ˁ 4., +8ˁV=+* , .ˁ$7 " 55 ˁ .5+4ˁ*18ˁ1 .61 ˁ40ˁ 09 8ˁ - 0*60ˁ .47+,ˁ
<*00 6+8ˁ .05 +8ˁ ,+ - ˁ01ˁ090 .6ˁ +6ˁ +18ˁ 3+1ˁ - *+8ˁ50 4+0"" 2+8ˁ *ˁ 0"9 1) 5506 .8ˁ
0 0*6 ˁ47 - ˁ .6 1*0ˁ - 504R06 ˁ0.3+0ˁ40ˁ 0ˁ., 0 20ˁ,+ - ˁ 090ˁ0/51 6+". :0 .6ˁ,1*6 .ˁ
104+8ˁ 0 ˁ4 6 6.*8ˁ3+14ˁ: 1".6+ - ˁ5 1, +"4+2 1 0+ - ˁ+"61 0 .ˁ7.20 06ˁ0/5 12 .61ˁ
06 . - ˁ.+/ " 1 - - ˁ5 - 1ˁ06ˁ ."60 1ˁ20""1ˁ, : " ˁ + - - "%1 + - ˁ".0*0 , 1ˁ5 1ˁ3+1ˁ * ˁ
4 . - ˁ$7 " 551ˁ9 .6 . - ˁ 050*4 . 02.6ˁ 0/ˁ,1*6 .ˁ 0ˁ0/, . 0ˁ 5 .060ˁ:1"+*6.60*.ˁ
+. - ˁ .05 +8ˁ 40,". .6. - ˁ 4ˁ 0 ˁ 06ˁ *+50 04 61ˁ5 1 0 5618ˁ3+ 020"". *6 2+8ˁ *ˁ
0"9 5ˁ150 - ˁ 0 0*6ˁ ˁ 04ˁ *ˁ 09*1ˁ*1*4+ - ˁ.ˁ20"" ˁ, & " 8ˁ - 16 2+8ˁ3+ 061ˁ !ˁ1 - * .ˁ
090 - ˁ51 0ˁ - +"6.ˁ4 " - +". 0ˁ,19 ˁ41*00ˁ 0, 50 .6.ˁ50 ˁ5., 0 - ˁ.+ 61 6.6,ˁ,+ 4<ˁ
.4ˁ12 03+ + - ˁ,19 ˁ51 " *6ˁ + - ˁ. - 2 9+1ˁ71,ˁ 0 51* 1ˁ4 - +8ˁ=+* , .ˁ< 04 ˁ0340 *ˁ
60 - 51 0ˁ0/ˁ .+".ˁ *12 "0 - ˁ .4ˁ "2.*+ - ˁ +/0"".8ˁ - + - ˁ , <2 6ˁ 0*45C. ˁ3+ ˁ *ˁ
6 *0 0ˁ J 40 ,+ - %1R6.*+ - ˁ - 5*+0 6ˁ40ˁA0*" % ˁ,1* " 8ˁ*+ - 0 1ˁ,15 . - *Q06ˁ
6 *0 0ˁ ˁ *1 6 8ˁ * 6 6+61 ˁ 6.3+0ˁ ""0ˁ6 4+Dˁ53 6ˁ.4ˁ, . 6 + - ˁ4. - 0 ., 0 6 0ˁ ˁ ˁ
,"15506. 18ˁ06ˁ , , , ˁ03+ 608ˁ - 66 6ˁ3+ ˁ : . - *60 ˁ]ˁ . 6 + - ˁ06ˁ" .*4 00 + - ˁ * e
40*608 3ˁ71 6 2+8ˁ ,19*1 00 0*6ˁ A07" +8ˁ ,+ - ˁ 34. ˁ 1*608ˁ5060 0ˁ40, 0; ^06ˁˁ
50 ˁ 1 "3: + - ˁ 60 ˁ7.2+0 .6ˁ 06ˁ *40ˁ ˁG+ 0: 09 + - ˁ.2 - 20 0 3+ - "" . ˁ* *ˁ - 0ˁ
- .R , 1? 6 .5 0 .6ˁ .ˁ 4+, 2+8ˁ : + - ˁ 4, ,056+8ˁ ˁ +*40ˁ5 .060 ˁ .*6 3+.ˁ14 .ˁ 0R <
. , 0 2.6ˁ - * - ˁ *ˁ - 14+ - ˁ + 6 ,1 6+; ˁ.* - ˁ3+ ˁ .4ˁ ˁ1 5ˁ 0ˁ0/0 , 6+ ˁ 5 1ˁ
U ? ˁ ˁ ˁS ˁ ˁ ,1*<+* 0 .*6
& ˁ % ˁ L . 0., ,056+8ˁ @ ˁ6 ˁ4
d % $ ˁ 2" ˁ &G . ˁ]] ˁ. ˁ 6 .ˁ ˁ ! ˁ & ˁ B D ˁ
ˁ, $ˁ] N ˁ ˁ" 0 ˁ $ˁ $ˁ ˁ& $ˁ ˁ% 6 ˁ 12ˁ ˁ4 ˁ & ˁ, .ˁ
.ˁ ' 4' $ˁ ˁ ˁ> ˁ ˁ ˁ ˁ! ˁˁ $ˁ ˁ $ˁ? ˁ ˁ f ˁ 0ˁ ˁ '
R % ˁ ˁ% ˁ ˁ! . $ˁ ˁ ˁ ˁ $ ˁ ˁ , ˁ ˁ5 ˁ ˁG 0 . ˁ0 6ˁ
+* " 0+ˁ 5 08 40 1*8ˁ 0R . * .+6ˁ * .' /ˁ ˁ ˁ4 U ˁ + ˁ C ' ˁ
$ˁ ˁ5 .0ˁ ˁ $ˁ b % && ˁ u N 6 ˁ
L I ˁ 3 I

conjunxerant. Ad Fridericum et delatum ſcribit Mendoza, Jenliſium ſecum II CIϽ peditum et IV CIϽ equitum habuiſſe, credo, ut rem in majus extollat: contra quem tamen ille, cum vix XXXII ſigna peditum et CIϽ equites circiter haberet, ducere decreverit, cum ad famam pertinere exiſtimaret, ne hoſtes ſine certamine provinciam ingrederentur; nam male alioqui adfectis Belgarum animis fore, ut, prodente ſe Hiſpanorum infirmitate et deſperatis ab ea parte rebus, quod ſinguli hactenus fecere, univerſi facto agmine deficiant, et ſcelere ſemel impiati, adveniente numeroſo Arauſionenſis exercitu, praeſidia intra oppida ſua accipiant; quod ſi accidat, de regis nomine in Belgio actum eſſe. Itaque quo patrem Bruxellas non citra diſcrimen verſantem tegeret, et tanto periculo praeverteret, optimum factu ac neceſſarium duxit, cum hoſte vel cum manifeſto periculo confligere. Eo conſilio impedimenta [a] Bincium praecedere jubet; et, cum allatum eſſet, auxiliareis intra noſtrum limitem receſſiſſe, uſque ad XVI Kal. Sextil. ſubſtitit. Cognitum dein IV ab hinc leucis illos caſtris poſitis ad [b] Hanam, unde Hannonia dicta, cum antea ſaltus [c] Carbonianus et Picardia inferior appellaretur, pontem moliri: is fluvius haud longe ſupra [d] Montes labitur, et infra eum [e] Trullum, qui urbem alluit, intra ſe accipit. Igitur Antonium Figeroam Bernardini Mendozae legatum cum XX equitibus mittit, et eodem tempore Franciſcum Ferdinandum Avilam [f] Groeningenae arcis praefectum cum ſcloppetariorum equitum Garſiae [g] Valdeſii turma, qui de hoſtibus diverſi cognoſcerent, et in horas ad ſe referrent. Ipſe eo ordine ſubſecutus eſt. Univerſus peditatus Belgarum et Hiſpanorum confuſus ſimul incedebat, duce Juliano [h] Romero, cui [i] Capralis et Liquius caſtrorum praefecti adjuncti erant. Vitellius quanquam ex vulnere debilis a foſſoribus in lectica vehebatur. Ad dextram pars equitatus tribus agminibus diſtincta progrediebatur: reliquus equitatus totidem agminibus diſtinctus in extrema acie collocatus erat; quam claudebant CCCC ſcloppetarii Hiſpani et ala equitum Bernardini Mendozae, qui, ſi praeſidiarii a tergo incurrerent, impetum eorum ſuſtinere poſſent. Ita ad urbem uſque progreſſum. Tum mutatus incedendi ordo, revocato in primam aciem, qui in poſtrema erat, equitatu; et ad [k] [α] Giſelini fanum ventum eſt: ubi cognito ex Gallo quodam juxta [l] Alterragium vicum capto, noſtros nondum Hanam tranſmiſiſſe, Fridericus confeſtim equites tranſmittere et ad eos pergere jubet, ſubſequente peditatu. Primam aciem ducebat Romerus, qui, ut in Gallorum conſpectum venit, Joannem Salazarium [m] Sarmientum cum LX ſcloppetariis majoris formae inter ſepem et ſalicetum collocat, qui, velitari pugna concurrente utrinque milite, in latus Gallos infeſtarent. Primo impetu pulſi Hiſpani; quibus CC Belgae recentes a prima acie ex Capralis legione Caprali ipſo duce et [n] Delvalio ſummiſſi ſunt, et mox totidem duce Liquio, qui Capralem ſequebatur, cum [o] Mota-Bergio et Fremenantio. Tum levis armatura apparere coepit cum CC Hiſpanis peditibus, quos ducebat Franc. [p] Bovadilla, Didacus Carvajalis, et Ferrandinus [q] Agnaſcus, quem poſtremo Fridericus cum reliquo peditatu ſequebatur. Noſtri Alterragium vicum a tergo habebant, cui planities ſpatio jactus colubrinae ſubeſt, rivis et arboribus denſis undique circundata, theatrali ſpecie; quos a fronte adortae Hiſpanorum duae cohortes [β] per viam quae Montes ducit, ducibus [r] Alfonſo Montero et Garſia Valdeſio, ſenſim pugnando ulterius ſemper progrediebantur. Jenliſius in ultimo agmine remanſerat, cum Rhingravio et [ſ] Geniſſaco, qua parte ſibi plus ab hoſte metuebat, et per anguſtias

VAR. LECT. [α] Juliani *D.* f. o. d. [β] per viam quae Montes ducit *deſunt* *D.* f. o.

INTERPR. [a] *Binche*, ou *Bins.* [b] *Hayne r.* [c] *Bois au Charbonier, à cauſe de la Foreſt Charboniere.* [d] *Mons.* [e] *Trulle.* [f] *Groeningen..* [g] *de Valdes.* [h] *Romero.* [i] *les ſieurs de Capres, & de Liques.* [k] *S. Ghiſlin.* [l] *Haultaige.* [m] *Sarmiento.* [n] *le capitaine de Vaux.* [o] *de la Motte en Bergy, & le ſieur de Fremenant.* [p] *Bobadilla.* [q] *Annaſco.* [r] *Montero.* [ſ] *de Pierrebuſiere, ſieur de Geniſſac.*

CIƆIƆLXXII. CAROLUS IX.

anguſtias inter dumeta incedens c equites praemiſerat duce [a] Rentio, quem [b] Jumellus ſequebatur. In eos e ſilva exeunteis jam ſole ad veſperam inclinante Lupus Sapata cum ala equitum ſua impetum facit, et eum ſecutus Ferdinandus Toletanus, qui alterum agmen ducebat, cum Antonio Toletano, Bernardino Mendoza, et Joanne Mendoza, qui tertio agmini praeerat: cedentibus noſtris inſtant, et in fugam vertunt; qui in ſuos revoluti pedites ſequenteis diſturbarunt, et exercitum, qua parte minus ſibi metuebat Jenliſius, ipſi fugiendo ſolverunt. Ne vero per eum pontem, quo [c] Hanam ſtraverant et tranſierant, rurſus reverterentur, Antonius Figeroa Bernardini Mendozae [α] legatus, tranſmiſſo fluvio, prohibuit. Illi tranſitu negato per [d] Tornacum, Condatum, Atam, Valencianas uſque effuſi, et a ruſticis, dum per ſilvas armis abjectis palantes huc illuc errant, capti, ſpoliati ac crudeliter interfecti ſunt, CIƆ CC amplius deſiderati, et in iis Rentius et Rhingravius: [e] Olanius cum c circiter exarmatis in urbem pervenit, ſed poſtero die ex vulneribus deceſſit. Jenliſius et Jumellus capti, et poſtridie ante Friderici conſpectum producti: quorum hic, in arce Tornacenſi aſſervatus, ab Hiſpano milite tandem liberatus eſt; ille in arcem Antuerpienſem incluſus, aliquanto tempore poſt, ſine praecedente morbo, in lecto exanimis repertus eſt, faſcia injecta procul dubio eliſis faucibus. [f] Laſinius noctis hujus beneficio ad [g] Spinolenſe coenobium, quod noſtri muniverant, ſe recepit, et a [h] Poieto loci praefecto ſuſceptus periculum evaſit. Exiguo ac paene nullo certamine debellatum noſtri ſcribunt, ob anguſtiam loci et inopinatum Hiſpanorum a fronte occurſum, cum a tergo potius metueret ſibi Jenliſius. Tamen Mendoza duabus horis pugnatum fuiſſe aſſerit, ſumma noſtrorum virtute; exemplumque rarae fortitudinis de gregario milite affert, qui lancea transfixus non ſolum non receſſit, ſed ſumpta in terra forte lapſa lancea, ei innixus equitem contra ſe venientem intrepide expectaverit, et fortiter pugnando, deficientibus potius viribus quam animis, ad extremum vita linquente conciderit. Impreſſionem in [i] Rentianos, quam ille Toletanis et Mendozis tribuit, a Philippo [k] Santalgondano Noerkermio factam conſtantior fama eſt. Ex Hiſpanis Lupus Sapata graviter vulneratus fuit. Alfonſum [l] Lombralem et Antonium Zeronem legatum turmae equitum ſcloppetariorum cum XII equitibus et VI peditibus tantum interfectos ſcribit idem Mendoza. Sub veſperam revocatis ab inſequendo hoſte copiis, Fridericus ad [m] [β] Giſelini fanum rediit; et ſummo mane [n] Capralem mittit, qui Gallorum e pugna ſe recipientium x ſigna ad ſilvam contracta perſequeretur: ſed, relatis XXX ſignis, ſuos continuit; moxque relicto ad obſidionem urbis Philippo Lalanii comite, Bruxellas ad patrem contendit, cum ſtatim poſt proelium in caſtra veniſſent XIII peditum ſigna duce Nicolao [o] Polvillerio, et IƆ Hiſpani, qui [p] Trajecti in praeſidio erant, quorum in locum Eberſteiniae legionis IV cohortes ſubſtitutae ſunt, III equitum turmae duce Aurelio [q] Panhormitano, Nicolao Baſta et Georgio [r] Macuca in Italia nuper conſcriptae.

X. POSTQUAM Gallorum copiae ad [ſ] Naſſovium in [t] Montibus obſeſſum venientes deletae ſunt, in Albani conſilio deliberatum fuit, quid facto opus eſſet; et multis placebat, ſublato Gallicorum auxiliorum metu, in Hollandiam vireis vertendas eſſe, ne Proteſtantes in ea jam potentes majora incrementa caperent; et ſatis eſſe ad Montes expugnandos, ſi caſtella ad aditus exſtruerentur et idoneo praeſidio firmarentur, quae auxilia, ſi quae ſupervenirent, ingreſſu prohiberent. Verum aliter [u] Albano viſum, qui

VAR. LECT. [α] legatus, refecto eo ſumma celeritate ruſticorum ope, tranſmiſſo *D.* f. [β] Gulielmi *D.* f. o. d.

INTERPR. [a] *le baron de Renty.* [b] *le ſieur de Jumelles.* [c] *Haiſne r.* [d] *Tournay, Condé, Aeth & Valenciennes.* [e] *le ſieur de Dolhain.* [f] *la Fin, ſieur de la Nocle.* [g] *cloiſtre d'Eſpinleu.* [h] *le capitaine Poyet.* [i] *ceux du baron de Renty.* [k] *de Ste Aldegonde, ſieur de Norcarmes.* [l] *Lombrales, & Ant. Ceron.* [m] *S. Ghiſlin.* [n] *le ſieur de Capres.* [o] *le baron de Polweiler.* [p] *Maeſtricht.* [q] *de Palermo.* [r] *Machuca.* [ſ] *le comte Ludovic de Naſſau.* [t] *Mons.* [u] *le duc d'Albe.*

% ') ' ' & #

G) ? 1*608'E."" .0; , - . :'6 20 *' 2" 1 ** .6 1*0'0/5+9e.*4. -? '.* *"+-6* ' $ '
4 /0 .6 \<06' .+ "1*0*"".55 15 *3..*60'.2'12)4 5*0'4 6040 05. +-40,1 +-' "2)' 'A '
06 .-'6+6+-'0/< 6 -.2.6' (0,+*4+6 6'2., ,.,,0 6+8' 160 54X5S@.,'2A 0" 8' *' . '
2.*6 .5'J0 4 *.*4+ % "06.*+8',+ 6' +."09 1*0' A+ 8'06' 5* .":+8' .,.-176 +8'
-+' .,' 20 , *X , ',171 6,8'U (":. - +, 8' ;0* "60*6' ,+ 2' 8' ,6<09 1*0' +.' *'
,.6,.'.4:1". 0 ' " '<+ - '/' S. (056 ',1.;0* %,*6' ;0* 6'06' J 40 ,+8' %1"06.*+8 '
3+' 6.6 -' ,+6#??, 5' ,"15506. 8' 0 9 8' 6."8# 5.* 8' ' (5 *1"0* 0' ,10*12 + - 6'
.41 6 '6 .+4' "1*90'.2' +" 0' *' 3+.' '40 0* 1 08'0 .*6'4+,0'U $1 061' 2'., 60 '
5+9*.6+-' '06' ?,+-'." 3+16' ,1716608' 0/' + 20'09 0 ".0' 0 0*6' .' J6.*, ,1' (.".C. 1'
A1.** 8A $.,70, '"09.61' *6 .' - 10* .' *1*' " *0' 9 .:'64 - 0<6' n. - *1' .61 - 0*6 8., '
,0561' ,1 - 5+" ' +*6 ' <$664 *.*4+8'%1"06.*+N'.2'8' "2.*1'0/' 1"".*4R'0:1,.6) 8'
&+ S + -' - . 8' 6+8' *,0402.6 '06'<,+6*' ' . "0 - + -'5 .060 ;070 06+ ' - +* 6 1*0 -' *'
.*, 2+8',.*."8.2 155 4.* 8',/ 6 + ". -' - 1 40 ,1' (.5.6.'3+' 0',+ -'E0 - .* 8?N
+2',1 - 60' 1 : 1' - "6.*6 2+8'<+/6.'? (5. .4. - + -',1*<+*/0 .6 ' ,.0" 8'56.0J4 .6 8'
5160 6.60 ' 04 9 6' /#*.:0 -'. - .6. - ' 3+.0' *9 0"%+ -',.*." 8'6+02.6) % 39 0 660'
*' + 20 -' - " 60 ',.5 6' $"+8' "1',,,' * ""1 ,17 4+' *60 04 ',.56.' ' J9*. ' *40?
J0 4 *.*4+8' .44+41' 0,+ -' 0*.6+' 1"".*4 .0' *0' , 0"".*60'5 1: *, .' 5 - 1 .'
+. *', - * 8' J1,"06.60 -':0* 0*6 ' ., 1 + -',1""09 1) -'616 +8'5 1: *, .0' 14." '
2+8.,'40:16 8' : 9 * 2+8' ')"6 .< 4 + -':0* 6<06' ;'S." ' (056' *',. 6 .' .4' 1*608'
51 6.' 0" 4 8'&."0< , .* 8'/' - .,7 * 8'3+.8' +/0"" 8'.4:0/ 0 .6' *40'.4',10*12 + <
(5 *1"0* 0 ' <. -'60* 0"60*6.6+ - ' .4 - 1:0*6+ '61 - 0*6.'.' (.5.6.'06' " 1 " 1'.'(261 '
3 '+2 04 6.' + *.'0+ -' *'01'0 0*6' +6' - 50 6 -' .,0 0*6'0/' 5.* 8'40 40 .6 '
<'*0,'+"60 +8',0 6.6+ 7'0 6'5 .0 4 . 8 +6 . +4' . 1: 2'<+ " .*6' .4'5 - + - '
- 506+ -' * . 20 -' 0' 0, 5 0*6 2+8' 1,1' - 1 66.' .' J 40 ,1' ";' 0"9. + -' "9*.?
.' .5 ." 8' "09 1*0' 4+,0 ' 1" * 1' \ 140 -'4 0' / ' 504 6+ -' H *.' :0*0 0' 4+,,'
V J 1*820 9 1' 09+"1' '.0'54 6 4 0' "2.*+8' 06' A1.**08'U 0 4.' 04 *.0 ,10"'4+/'
,+ -' '03+ 6+ - '.""8' 6.'+6'/:'1* - *1' *'0/0 , 6+'6 0*6'06',+*301'(."0*6 *+8' D 0 - '
21 9 ,+8' . ,7 05 ,15+8' 1"1* 0* 8' 3 1' i' 03+ 608' 4+,02.6 ' A1.**08' 14.',,, '06'
;'.2' . ,7 05 ,151' % 0: 0* 6' 05"0 - : 1' +* - "6' ' :0* 8'06' &.<0*, .* 8' - 1 3'
:04.'61 - 0*6.' ' <+ 3+0' .56." 8'06' +6 '41 - 08' ,+ -' + 8' "09 1* 2+8' 0 - + - '
U: ,+ -' * 64060 '6+20'.2' - *'5. 60', ,) *4.6. ' %+*0'40'6+ - +"6+' $. 60* ' ."".6+ - '
0 6'3+1' *+*, .' :/ '4 ,'5160 6'3+.*6+*.' * "2.*',. 6 8' 0/+"6.6+ -' + 6' 5.* 8'
+ -':0 0' 7 6 .*1'5 *, 50 4 9*+ -'3+14' *' 0 -' 5 1 + -'06',+ -'*1 6 .< * .*N
U'<.4+ .',1*<+*4+ -' 0 06' +5 .' - 14+ -' 0/61""0*6 2+8' :061 '3+.*6.'".06 6 .'
.5+4' ""18' 6.*6.' *' + 20' 6 6 .' + 6',1* 60 *.6 8' 03',. +'12 , 1 + -'.* - 8' 06' 5d'
50* 6+8'40' E."" , 8'.+/ " 8' *'3+ 2+8' * .9*. -' 4+, . -'51*02.*6'. - .' *' "2.*'
:0*6+ ' 4+ - ':."" + -'5 1) 1 06+ ' "0: 60 '5+9*.6+ -'< .4.3+0' .2' + 2.* 8' 4 5"1'
1*0'J .*, ,) '&."40 6+8'5 - . +8' "09 17 8' .*912. 4 4.0',0*6) 6 1' 7 64571 +8N
' 6* ' '> ' ; '$!'↑9 ' (' ' .$' %'
' 0/'3+ 2+8' .' 6.6 -' +56.' +*6' ' ' '
' # &' ' .+ 61*0+"68 + 82+ 91'5 1 04+8',+ *'/ :', 1'504 6+ - ': ', 1'
03+ 6+ - E0 - .*1 + - ? 000', 1' 0"9. + -' 6 .* * 1' 70*1 '.4' ' 1 . -'.,,0 " 6'
+2' * , - 1*4. -' 50 '5 .0,1*0 - F'5 +8'40*+* .6 1*0' .4.' .4 6+ -' 06',1 - - 0.6+ *'
0,+ .*60 -' 5 16 *+8' *,0* 68' 51 6 8',6' : ' .4. 5 ?' 1*' (0/6"' ,,5 6' 6',.56. -'
1 - * ' - .* 6.6 8'90*060' 0"9 8? .0: 0*6 2+8'4 5+ 6' *40' *' .2.*6 . - *9 0 +8
' ' L ' ' I 1:.*) -

% $ 'U ' ' ' *41 .' -06' $' & ' ?% .' ' ' G
'. 0 ' /4C.'. 0' .' ? ' / B ']+ ' .' : /9 '
0 '9 06 4 'T.1 - - 0' ' $' / > $' ' / ' ' ' ' _C 0' ' ('
R ' 4' 6 ' $' ' * ' $ ' ' ' ' ' +0' 7 ' '. ' " A' ! ' '
D ' ' ' '5 0' ' ' ' P ' / ' ' // ' `

.' 1: . * +* '404 6 1*0 *'5b60 6.60 - ' 0409 6' ' 0,7" * .' *0+6 N 5. 6 2+8 . *60. ' .4P
' 4 . ' 04 3+.0 5 .0 4 * - ' .2 "2. *1 - "+ - ' ., , 50 0 406 04. :0 .6' : ' H * .' 504
6+ - ' 06 2 03+ 668 *1 63 ' *' + 20 - ' *6 .' - 10* .' ., ,05 6' U .' h 00 6+ 6@ 1 * . * ' ,5
- 6 8 1"7 ' 4 6 1* 8 06 51 60<+8 - 1 60 - ' ,1 .44 4+ - ' ,+<+8 . , ' 60*02.6A1. * *08
' 1 60" +8 . . 8 ,+ - ' J . *, ,1 0 * 41C" 1*60 ' "09.61 ' 51 6 2 4++ - ' + 1""2
' - + 1 : ' .4. ' *' 5160 6.60 - ' 1040 .61 + - ' ,1*, 0) "6 ' *40 5. 60 15 + - ' - ".
0 %0*0 . - +*4. - ' 06 "40*. 4. - ' J". *4 .0 + 208 ' 155 4. * 8<3+ 2+ 4. - ' 12: . .' 5 1
44+*6 2+8 ' *' 5160 6.60 - ' .+ 1*0*" 8 0409 6' "405. 4.0 ' 3+14 3+ 4."2 ' 0/ ' 15
5 4. * 8 0 60 0 .+ 0 "0*6 ' 6 .' *60 - 50 0 0"9.0 2., ,7.6' + *6 ' *. ' ,+ - ' 1 + - '
1, ,+5." 6 '<+ "" 3+041 - ' 0 ,1*6 *0 0 , : 2+8, + 61408 51 6 8 .4 - 1: "0*6 A141, + - '
+ 6. : "". - ' 5 .061 0 - ' + 2 8 *' 09 8 .04 2+8 155 0"%+ - ' .+"6 8 :+"*0 2+8 ,1* 6
, + *6 ' *+4.6+ - 360 50 ' 0*0 6 . - ' *' +2<04+ - ' "+ - 0*' 5 .0, 5 6. *6 < 6+ *' ., ,0*"2
6 1 0 ., ,185. " - ' :0 6 9. *X ,1 - 5 070* 1 3+0 ., - +"6 85 12 81*0 .618*0, . *6
%N - 5". ,40*12 .' ., '". ,0 41 + - ' 41 - +8 "51" . *6 0 :0 6 9 13+0 .4 60 - 5". ' * 2 ' : , * .' L
4 !0+ + *6 ' .63+0 0.40 - ' .2 0 0/5 ". *6 ' 4 5 + *6 ' *0, ' 05+"," 8 5. ,+ *6 ' *,0*61 0 L
' 5 .0, 5+0 A3,121 ') ' "5 . - .0 61 , :0 "40*. 40* ' 3+ ' <. *' 0/0** + - ' .' 5.6 .' 0" ?
' 9 2* 8 ,. " .' 0/+". :0 .6' .+ 1*0* 68 ,+ - ' ,060 1 0/ , 6+ ' 5 61 06 % "0 - 1*6 1 ' * \
6 *0 0 *' 40 - ' ., ,056 8 ' 1 - * ' 0 ." .' 1 - ". ' 40# ."" 1: 1 .6 0 12" 4 1*0 " 20 . *41
' ,19 6.60 ,105 6' 013+0 ,1* " 1 ' &0"". - ' :0 +X 60 ' *60*4 6'
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40"0418 ' ,"15506. 18 5. *58 + - - 0 .6 "261+8 ' +6 " ., ' .4 6+ - ' .+ / " . 2+8
60 ,"+40 06 ' 0 ' ,+ - ' $0 1. - ' + 3+0 4+.2+8 .' 1*6 2) 8 "0+, 8 4 6+ - ' : ,+ - '
:0* "0 71 60 8 *6 ""0/ "06 ' 06 *40 6 .* - "2 # .* .' 50 ' D 0*.5+ - .+ / " .' *' + 20 - '
6 1 - 660 0 40, 0: "0 ,1< ,0 06 ' 0:1, .61 .5 ." ' 06 5. * 8 +2 4 . 8 06 ,1* ' ?
6 .4 8 5 15 +8 ,15 8 12 4 1*0 - ' + 906 ' 50 4+41 .4 ". 2 + - ' 1 .0 ; ."" 1 ' .3+. - '
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51 6. - ' - 51 661 ' + *40 *' + 20 - ' +2<04. - ' 5 1 504+80 6' : ' 61 - 0*6 8 *' 604 .' 41
- ++ - ' * 0 6.' 4 5"1 1*0 +"6* * .6' ,060 .' 4+12+8 "1, 8 ,1""1, .6' 3+.0 6. *' *' 0 0
- 1*6 . - ' 51 6. - ' 3+. - ' 0/6. *8 5 15+9*. ,+"+ *6 3+14) . - 609,2.6' 4+8 .4 902. *6
+1 + - ' 4 0 + - ' ,1*6 *+.6.' 5+"". 6 1*0 6+ 08 51 6.0 .4<04.0 5, 60 02 .6.0 ' *1*' 6.
- 0*' 1 - * *1 40<04.0 + *6 ' 40 *' : "' 61 - 0*61 + - ' *' 5. ' ". 9* ' ,1""1, .61 + - ' 4 '
5"1 1*0 5 ** .0 - 10* + - ' 40/6 .' ". 0: .3+0 40, + .0 ' ,060 1 + - ' 61 - 0*61 + - ' - B
506+8 ,1*6 .' 0/6. *8 5 15+9*. ,+"+ *' .4+8 0 6' ,+<+8 . *60 1 ' 5. 8 6. *40 - ' 4 +6. '
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1 08 *' 0. ' ,1* 60 0 *1*' 51 "0*6 ' 1*6 .' 5 .0 4 . ' 4 + * . - ' - + + . - ' ". * .
,+", 6 8 ' ., , 8 60 .' 5"0* 8 + - - .' 4 " 90*6 .' ,1 - 51 .6 8 *14+ ' - + * 02. *6 ' 3+.
2 . *1: +8 ,+ - ' , ' 40"04 8 0/ ' *12 " 6.60 ., ' 0"04. ' 60 - ' ,"15566. 1 + - ' 06 7. 6.61 + - '
- . *+40 0*40*4. - ' + ,050 .6' 0 .4 0 64+. - ' 4 +6 ' 5 45 * . ,+" ' 5. 60 - ' 6+0*4. - '
40 9*.6 8 ' 06 ,, ' *' . *60 - + ." ' - + * 6 1*0 ,1""1, .6 8 ' %+ *' 1 ". - ' *60 1 0 - ' 4+ ' '
,+ *6 ' 06 *' 6+ .+" 8 .4 ". 60 .' 0/, 6.6 8 :' 61 - 0*6.' 06 ' ,1"+2 * .8 ,1" 1, . *6 ' 3+. + - '
,1*6 . .' 5+< .6 1*0 *' 71 6 + - ' + 3+0 60*61 .' <. ,+". *60801 + - ' 618 ,1* .6+8 5 0 '
+ - 3+0 04402. *6 ' .4 7.0, ' 0 02 (\ 0 +56 1 2+8 71 6 + - ' 150 .' *60 6+ 2.2. *6
+ - ' :0 1 "25+8 .3+. - ' 0 1"%.' 40 : . 0 + 6 .' 60*6. "06 ' 51 6 0 - 1 , .57.8 5"+60 8

L L 5 I I ' 604 .8I
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604.8 .2 ,. '<+ 6 6.*6.', . "6+4 *0' +6 ,1*6 .' ,"15506 +-' 4+8 6 6.0 , "0*6' $
51*60-' 60-' 0/' 41" 8 06 . "0 2+8 +* 2+8 ,1"" 9.6 8 0' +50 6 .6 8 5 .:06.6' 50'
3+0 *0/' ,.57 8 40 ,0*40*8 - "08 5 + * -',1- -140'0* 60 06+ ' 140-'60-52 0'
+6 .+/ " . 2+8 .4 6+-' *60 "+40 06':6""+-' 6.6 1* 2+8 :." 4 8 -.:0 .6' ,1"" 2+8
* +50' 4+12+8' 3+' 50' E0*.5+-':0* 0 6 2+8 1,,+ 02.*6' .' - " 60' * 0 8?<06 *'
."60 1' -+* 6 1*0' 1 6< .'3*.4 .79+"R' *' 60"".0 50, 0-' 0 +6 ".60 .' 0 *: ,0-'40'
0*40 07 ' .' 04 .0 ,10"'4+,0 0/' . 671"1-.0'? .-55,."" ',1* "1' +--.'4 '
"90*6 .' 0/6 +4.'3+.-' ' E0 -.*2 +-' 9*.' .66 2+6 8 ' -.,7 * 8' 06 A+" .*+8
1-0 +8' ' 15+8 0 06' ,+-'616 40-' 5.3 8 06 (.".C. ',171 60'6+0 0*6+ ' 4'
7.0,' 03+ 6.6+-' *' :."" 2 8 +2<04 8 1)1,.:0 .6' 064.6 '*0916 1 .5 ." '3+' .4'
U 0- +-': ,+-'71 5 6 +-'7.2 02.6' +6 "1,+-' 1 ".' -+* 06' 2$1": ""0 +-'06 '
3+ +-' ,+-' .' 3+0-3+0409 1*,'"1,+-' 2 . 9*.6+-'6+0 '<+206' UJ 1 820 9 1'
,+-' 20 60* ',171 6 2+8 .4 61 -0*61 +-' ,+614 .-' 0" 4 8' 6+ *' ' "5.*18'
504 608 0"0428.*60'.9- *.' 6. 4 51 6.'5 1,+ 0 0 -50 .6 3+"".21 .*6 2+8 .4 +2 6.'
5 .0 61'0"%0*6' ' .+ 1*0* 8 I'$0 1*.'5 19 0 "+8 *',1*"504+-'+ 2 8 :0* 6 ,+-'6161'
,/0 , 6+': ' 4' (056' 3+ '4 08'*.6."'20.6.0 . .0 4 4+8 0 6' +2' -0 4 0-'p 0"3+0'
6.*6+-' +6 0"1*9 *3+1 '61 -0*6 8 .4.'3+.0 06 .2 0<+8 ,. 6 8 06 0/'+ 20 *' "2.**-'
L' -04 + *' 0- 6602.*6+ ' "04' 5"+8 .2 - 2.* 8 4. -*' .,, 5 02.6 03+ 6.6+8' & , " -'
"2.*+8' *+*3+.-' *60 - " .' ,1*6 .'+ 20-':0 20 .6 1*0' 06 .-',1*6/. .'0<.,+". '
6 1*0 .+ 1*0* 0-' *0 6.2.6' 6.'4 08 0/6 .4.'4".5 8 2':0"50 .-? *' +.'71 5 '
6 .',15 8<' 3+.0'51 6 4 0 0140-'1 4 *0 ,1-5. +0 +*6' "2.*+8 J 40 ,+-' "+*'
,+-' ' "5.* 8 .4 E0*.5+-'5 .0- 0 .6'+6 "1,+-'6+0 06+ '3+14' .2 0.'5. 60 : -'
.4 6 +-' .+ 1*0* 0-'013+0 *'"1,1',. 6 .' -+* 6+-*', 040 06' (,' .+60-' ""0'
*,0402.6' *'5 -.'.,0?2 8 - ""0 "1'03+ 608 0 .*6' *' !< .' .9- *.'4 : '3+1?8 ,,,'
." '"03+,2.*6+ ' 51""60 9.' 01 +-';0* 02.6 504 6.6+8 .,' 0" 3++8 03+ 6.6+8' .+ '
1*0* 8 5 .060' 50-' *' ,1""0? E0<".51' 5 1/ -1' 0/, 6.6.-' -+* 6 1*0*' .* -.4'
:0 60*8'+*40'*1*' -I4 1, 60'61 -0*61 +-'4 5"1 1*0 * 0 6.2.6+ ',+-',1* 60 0'
6+61'*1*'51 "06' 504 6.6+-'E."" ,+-' 3+' .4 ".0:.-' * 0402.6 .,'5 .0, 5++-'0/0 '
, 6+8 12+ '0 .6' *'4+1'.9- *.'4 : +-'5 .0,040 0'<+206' 06 E0*.5+-' 60' *60*4 6'<
3+1' +2' 4' 60-5+8 (.*4 +8 ; ".' .2 A2.*4' - "+8 :0*0 .6' 2' ., 60',0 6.6+-
5.* 8 .4 5+9*.-'0/' : ,1' 5 540+*6 2+8 ,+-'5 -. 8 4 , 2+8 140 ,1' (.5.6.
J .*, ,2' %1"06.*1' . ,1' %1"06.*1' A1.**0 ;.". '6+ *' ,' 40"04 88' 3+18 "03+0'
2.6+ <'+" .*+8 1-0 +8' 06 J0 4 *.*4+8 %'1"06.* 8 ,+-'." 8 ,171 6 2+8 4+ A0 %'0/04.
1/' 06 +- - "' .2 "2.*1' A1.**08 (. - 0*6+8 (.".C. +8' 06 $06 +8#%./ 8 ,+-'
',.6.5< .4 8 03+ 6 2+8' 06 .".' 03+ 6+-' ,1- 6 8 +6 ' $ -1' +6 *' 7+<+ *14'
,0 6.- * 2+8' 0 20*0 .2 : ".'<90 6.',1-5+" ' *6 .' 149-'.3+. +-' *+*4.6 1* 2+8
,/,.:.6.-' E."" ' 40 *' *,+-20*60 03+ 6. +' 4+,0 0* ,1' . 1: 1' .+ 1*0* 8
6.6 0 -.9*2'4.-*1'. 04' 5.*' ,.561' 9*1'.".0%./ .*.0' 06 9* 0 15"+ 2+8
;+"*0 2+8 ,1* 041' 04 *609 .6.'40-+-'.2 .* 8 5+9*.'5. '+6 *3+0 4.-*1' '
613+0 08 404+4.'+6 "2.*+8 -0 - 8'06 5"0' ' 04 *(0 4+/'3+. '4 9* 6.6 8 12" 6 '
- " 6+-'"1,1' 5+9*. 0*6' %.*40-' .4 +.'+6 *3+0%0 0, 5 0*6 2+8 ,15 8' + +8
.+ 1*0* 8' 3+'9 .: 60 '4 5"1 1*0 .' 04<.0* '-+* 6 1*0 .4.' *60 -' * 0 6.'
2.6) ' E0*.5+-' + +8 60 '50 03+ 6+ '+6 "2.*+-'.4 ,0 6.-0*'0" ,0 06' &3 +-'
""0 +1('.2 6 *+ 6' 06' ,+-'0+ .6 8 0 "06'*0 .+/ " .' *6 14+,0 0*6+ ' * 504 0'."0.-'
+* :0 . +*' 0 +-'5 10" 1' 60*6. 0'*5"+ 6' .+ 1*0* 8 6.3+0 01'4 0 0 -0 .-'
6 2+8'5. ++-' -""2+('.2 "2.*',. 6 8 4 " 6+-': ,+-':0* 6' *'3+1' 03+0*6'4 0

OP ' ' - '+ 53 ' '+ ' '; ' ' ' ' ' . (' ' $'
') 3$ ' ' ' ' *' ' 5' " *K' ' ' '5 ' < ' ' ' #
8' '# $<' '- ' 7

0 ,1*6 *+ 6 1, ,. 1*0 - .+/ " 1 + - 50 UJ"1 .* .*+ - +2 $1 : "0 +8 0 . "
+ 20* *6 1 - 660*41 +* <155040*8 3+1 6.6 - "2.*+8 0 *. 4 *+ - 0*41C. -
,+*6 +. 06 ." ?4+.2+8 03+ 6+ - . ""8 +*. 5 .060 0. ,"15506. ;1 +* ,171 60 5 .0
* 6 0+ - 3 0 +2 03+ : ." .8 5.*1 + "U".8 06"14 5 .060 0. ,"15506. 18 ""18
40 3+ 2+8 4 / - +8 . ,1 %1"06.*1 06 140 ,1 (.5.6. 4+, 26 8 <+206 .+ 1
0 8 <. - - ""03) *90*6 8 .J"1 .* ,. - 51 5. %++ - - "" 2+c ,1* 040 .6 0 ,+ -
2 - * + - : ,+6* 1, ,+5. 0 :0"R6 0*41C. ,1* 5041 3+1 4. - 5 .0*;66 6 3+
4+ - 60*61 . 90 0*6+ ,+ - 01 "0: 5+9*. 40,0 6. 0* (+2 4 "2.*+8 ,+ - 04
0 < 10 R0 - 1 06A+" .*1 1 - 0 5 0140 - :0* 6 . 0*41C. - 1* 6+8 3+ 5 4 0
,+ - "0: . - .6+ . - 7 4 :0 .6+8 0 .6 ?"1. - 0+ - .4 : - +2 6. - 1551 6+
*+ - 06 * 4 8 12*1/ + - 0 "0 ,1* " + - 3+0 40 *3 6+ *. - 5 0 1*0 * 71 60 8 .
, 0*4. *R? 0 ,1* , 0*4.0 J 40 ,1 . 5. 0*60 *0916 + - 4.6+ 3+ ,+*6 , 1
5.* 8 *60 +".8 ."2.8 + - 0 0 <+ " 8 01 4+,R *1 6G ,1*,+2 . 01 1 4 *0 +6 .5 .")
,+ - (" 9* 8 +.0 "09 1* 8 060 3+ +8 ,+ - , , 504 6 2+8 0"9 8 : ,+ - * 6 *0 ,
1, ,+5. 06 3+1 + 6 71" 08 50 0/5"1 .61 08 40 11* " 1 ,19*1: "%0*6 0 6+61 0, 50 0
51 "%0*6 5 4 ,+ - 10 R, - 1 +2 .4 "1,+ - :0* 6 71 6.6+8 - 1 0 1"R1 - " 608 +6
:R6+6 8 +.0 - 0 - 1 08 6. - 5 .0,". . - 0 20*0 90 0*4.0 1, ,. 1*0 - 2 0".2 *1*
""*0 0*6 1 - 0 + - ,+ - , , , , ,"15506. 8 4+, 2+8 A1.**0 (.".C. 1 *61* 1?
1/ ,. . ,1 %1"06.*1 06 140 ,1 (.5.6. : - .,0 0 4 71 6 + - 71 5 6 . <+206
J0 4 *.*41%1"06.*1 ,+ - ,"15506. 8 4+,0 E. . 8 (+ 60 - 14 ,1 .2 7 *, 5.6
*60 7.0, 2 60 0 <+ "2 + +8 .2 7 *, 5. 2+8 E. 5.) 0. 06 7 "1571 +8
G+ /.4. ,+ - 616 40 - ,"15506. 8 ,2* 040 0 $ 15 +8 ,.R . 71 6 + - J .*, ",+8
%1"06.*+806 . 6 *+8 R . 6+8 <,+ - , , ,"15506. 8 06 .*60 018 140 ,+8 $0 0 +8
,+ - 7. 6.6 8 5 19 0 " 6.2.*6 \& . 1 - 0 1 1/ ,. ., (?.5.6. .4. : 9 " .0 5 - 1
., 6.6 1*. 6 +, 4.*6+ < 40 * 6+ - +"6+ 0/, 6.65 .*603+. - 71" 08 . - . 0/504 60 .+6
.4 9*. ,1*:0* , 51 0*6 255 0 71 .0 5 6 1 . - 5" +8 ,0, *60 4+*6+ < 9* 8
06 . - * 01 + - 60*61 . - - "%+8 3+1 5"+ 08 0/ 8 . - 2+"" +*6 ?." .4 0<+8 +"
91 0 - 0/50 90 .4 ,+ - 6.*40 - . - . +*5 "0*6 ,1* 5 ,.6 1/ ,. - ,+ -
+ 8 "1*9 8 5 1:04+ - 3+. - +6 9*1 4.61 0 .4 +18 0, 50 0 51"%06 * 5".* 6 0 +2?
<04. , ,+6*:0* +*6 06 0+ - ,+ - + 8 1 - * 2+8 .4 *60 .0, 1*0 - ,.04+*6 9
60 - 0 0 09 0"%+ 18 71 60 8 2 50 +. 0 .6 J 40 ,+8 * 01 6+ - +"6+ +* :0 + -
5.*4 + - 03+ 6.6+ - .40 "0 .618 013+0 ,1* " 1 0 *. 4 *+8 0*41C. 6+2 , *08
,1 - 5"+ 08? - +" ,.*0 0 <+ 60 .6 &0 - - .4 *,0*4 ". - - . - ,+ - " ,06 * - 04 .
*140 "+/ 044 . 0"%06 . 6+8 *1* 5 1,0 6 < 06 "" 50 ,+"+ - - * - 0 :0 6 .+40*6 +8
01 d 0, 5 *60 8 0 "5.*18 *:04 +*6 *40 71 608 ,+ - 616. *140?R . - 8
+ "0*6 ""+,0 ,0*60 4 0) 6 - + - - . 6 05 4.6 130 :. . ,1*,". - .76 06 - 504
- 0*61 + - 5. 60 0" 4. 60 61 8 06 ." 3+16 ,+ 2+8 06 ,.4. :0 2+8 1, , 1 + - *1*?
4+ * 60 .0 - .*4.6 8 4 ,04+*6 ., D 0,7" * . - ,1 ,04+*6 5 +8 - 1*R1 ." 1: 1
?+6 3+.*41 .+/ " 1 + - * + 20 - *6 14+,0*41 + - .,+"6.8 *1* 0 "06 2 ,1* +"0 06
8 6+*, 0/ - 1 21 40,+* 202A6 1 ,1* "61 .*1 +8 06 ,060 E.""1 + - 4+,08 ,0*
+0 +*6 +6 71*0 6 8 ,1*4R 1* 2+8 404 6 1 0 06 .4 3+. - *1* 6. - 0 + - +. + -
.*9+ 6 . .+6 .+ 1*0* 8 4 ,0") 3+.* ,. +$. 0* ,1 - 5+" +*6 3+ +6
5.* 8 .* - 18 0,0 .6 6. E.""1 + - 3+ 2+8 0 0 12+ 1 - *0 5 .0 4 . 1 + - ,1*"".2.6
- 40 6R . *5 .0 0*8 * 51 60 + - 40"50 .6 1*0 ,1* 60 - .61 + - .". , 6.60 - 2 - * *1
* 090 .6 9 6+ ,+ - 10 R0 - 1 7 8 ,1*4R 1* 2+8 6 .* .4+ - 0 6 / S." (056
" 6 6. - E."" 3+. - 0"9.0 5 *,1"+ - 084 - R60 0*6+ < "" ,+* . - 8 03+ 8 ;0 6 2+8
L 06?

& % ? *60 - 660*417+* 5

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S G ?4 # V $

06' - * ' +50""04 <0 ' . ,' 21 - 8' 6. -' - 12 " 2+8' 36 . -' - - 12 " 2+8' ,1<*,0 " 8 K' 3+1' *' G 0'
+ - 0 1' ,0 02. *6+ ' +41: ,+8' .' . %1: +8' ,+ - ' +* ;0 .' . " . ' . ,' 0"9.0' *12 "08 '
,060 ' 0"9.0' - " 608' ,+ - ?9".4 8' 6. *6+ - ' 06' 8' ;0 6 - 0*6 8 ' 3+.0' 5" ' *4+0 *6 ' . ,'
"+A" 8' ." 8' 5 .060 0. ' ' 155 4. * 8 ' 3+ ' . D . ' ,1*6 . '6090 - '6+"0 *6 20 + - ' " 6' " *0'
. - 8' 04' ,+ - '1 - * ' - 12 " ' +50""0 6 "0' *40' 0/ 0' ' 6. ' +6' 0" 3+ 8? '3+ ' *' + 20' * . '
*0 0'156. 0*6 '12'5 .060 6. ' *+""+ - '50 ,+"+ - ', 0. 06+ '0/ ,056^ 8 '3+ '5+2 ,1 - - ' '
*+ - - 1 + - ' .6 1*0' 09 .0' - .<0 6.6 '12" 9.6 ' + * 6 ' 3+ ' ." . - '3+. - ' - .<1 + - ' 0" '
9 1*0 - '5 1 60*6+ + 20' . ,0" 6 0'60*0. *6+ ' 40 - . , * 608' ,1*4 6 1* 2+8 3+ 2+8?'
12' 5 .060 61 + - ' - 0 - 1 . *<' * +"" . ' - 1"0 6 . ' *< .0 0*8' .6 ' ". " : . '6. - 0*'01 + - '50 '
0 ,+6 1*0 ' " 3+ 40 - ' *' - . * +8' 09 1 + - ' *, 40 *6 ' 4 - "" ' 6. - ' *12 "08' 3+. - ' - '
" 608' 06 155 4. * ' 40 - '12 6 .9. * ' *6 . ' . * * + - ' * 1*' - " 6.6+ 18' ,1*6 . ' 5. *1 + - '
090 - ' . +6' 06 . - ' 090 - ' 7 6 . * - + - ' * ' 1 60' 09 8' .671" , ' 4' . 6?5 , 8' .6'<
3+1' . , . - 0*6<@' *1*' *60"" 9. *6+ ' 12" .6 +41: ,+8' ." 1: +8 ' E0 - . *0' 06' *9"
8' ,1*4 6 1* 2+8' + 28' 404 6. ' "2. *1' 12" 408' 4.6 '2 0 6 * +8 ' ,' "2 * +8 ' 2 0660* '
,+ +8' 06' $160""+8' 0/' 0"9 , . ' *22 " 6.6, ': '5 - . ' 3+ ' ,+ - '5 .0" 4 . 8' - . *0 0*6 '
41*00' *' "1 ,+ - ' 0, + +6*' . ,' 5. , .6+ - ' 404+4 ' 0 0*6 ' 06' . "5: 8' ,+ ' 8' + 0 '
- 1*4. - ' E. "" ' .4' UE+ ".0' . 21 0 - '50 :0* " 0*6 ' 3+1' .! 1' 12" 408 '4.6 '4 - 660 '
0*6+ <' 06 ' 3+1+ 3+0' 4' 50 .4+ - '0 06' ' . * +8 ' ((10,) +8 ' A ,+ +8' I' 1 '
- 1*6 +8' .5+4' 10 R0 - + - \' . * *1* .0' 5 .0 046+ - ' - . 0 0*6' %+ *' 50 ' + * . .'
"3+ +8 *9 04 6+ ' <' . "2: +8' * 04" , . ' ,+ - ' + 8' . ' J 40 ,1' %1"06. *1 > 1 - 0 1' 06'
A1 ' R' + 203+ 0: '404+46 ' + *6 ') 2 ' - 51" 6+8' ? . +, +N' ,+ - ' : ' " 9* 8' 0"9. + - ' 06'
5. 0'61 - 0*61 + - ' ,060 8' .4' #' +6 + - ' ,1 - 60* '6 .+ - " 8 ' +6' ,+ - ') 8' V' "40*. N'
4. * '12" 40 06 ' '

' '1' ' ' ' 'E1'S ') (' *40' 5 .06* 66 6+ ' +6' 1<0*0 . - + *4. - '12" 40 06 '3 .a'
.4' 5 - . - '40* + *, .6 1*0 - ' 0 0' 404 4 6 ' 2 0,7" * . '5. +"1' 51 6' 4 9 04 6+ ' .+< t '
0" 8 ' 0" 461' *' + 20' : ' " 9*1 + - ' 06' ,E' 03+ 6+ - '5 .0 4 1 ' "2. * +8' ,+ - ' + / 0<". 8'
4 :0 6 "J06 ' 06 ' 04+46 8' *40' " ; ' (0+".0"09 1* 8' ,17166 2+8 ' % "0 - 1*0 - '06' 1: . * + * '
*' 6 *0 0' 0,05 "%06 ' 0,7" * . - ' ,1*60*4 6 ' 5 .0 - 1' J 40 ,1' " 1 ' 3+ ' +2+ 2 '
51 6' ." 3+14' ,0 6. - 0*' 005 ' : +"*0 .61' * 2 J0 4 * . *41%2"06. * ' * 03+0*6
5 .0 4 . ' .2' . +" 1*0*""' - 51" 6 ' 40' A, ,0 +' 40 506. *608' .+ +9) 6' N' 06 ' ,+ - '
. ,7 05 0556' % , . +8' . ,' . , '01"",9 ' 14. "08' - . *0' , +00' 5 .0". 6. '06' *" 9* 2+8' ". , 8'
! 4' .4+ - S. " ' 4 @' 5 1' - 10* 2+. ' 6. 0 66?' 06' : - ' +55" ,08 66 0< .0' 5"02 '405 , , . ' '
60*6+ ' * 7 "' 5 0,08' 06' * +". 8' . ,0 416+ - ' 0:0 6 ' 5. * ' , ." 8' .4 - 16 8' *1*' - +"6 '
,1*6 . '5+9* . *60' "2. *1' 155 4. * 8' .4 - 1 + - ' * 2 61' & - ' . , + *6 '06 , .56H, 6 . ' 04 ?'
6. - 0*' + 20' * +""1' *1*' . - . * 6. <"8 ' " 2 4 * 8' 06' . : . 6 .0' 907 4' *' 0. ' . ". 6 ') - 6
4' *1*' 1"+ - ' <+ 6.0' "24* ' 12' 0,0*60 - '40 0 6 1*0 - ' ,7" 7 07" 2+8' +,G0* 0*6 8?'
. ,' 04' 06 . - ' *0,0 6.6 '4.6+ - ' - " 60' 22' *1*' 50 1"+6. ' "U . 6 ' - 0*" + - ' 6 50*4 .'
0 - 0*60 ' 46' 5 150' .4' 04 6 1*0 . ' 50 6. 60 ' 0 - . * 03+ 608 1: . * + - ?' A1. * *08
0*41C. ' ,+ - "0: . - .6+ . . - *5 .0"64 + - ' - "('$1 63+. - 0 41C. . ,71 + \'
+ - ' :0* 6 '40' 0,0 +' +940' 5 15 0' 71 6 + - ' 19*2: 6 '&0 6 9 "3+0' 01* - "*" 60*8'
+"6 - + *' .9 - 0*' *' "+, ' *9 0 +' , . 5" 6 ' 06 6+ - ' <. - '5 .0" 4 1 . ,++ - ' 0,05 6
"40*. 4. ' - 1/' 4 " 8' 5 .0" 4 . 8' +6 1' 5.6) 6' ' 0' 3+ 2+8' 5. +, ' .2' 155 4. * 8' *'
.04 2+8 ? *3+ 2+8' ". 602. *6 * ,0*4 1' 0/ , 6.61' . - 2+ 6 +*6 ' '

& ' '+' ' "2. * +8' *' 1*6 + - ' 4 1*0' 1, ,+5.6+8' 7.0 06? 1040 .6X' 40' 0
'910* ' + 20' *' .66 . , 8 ' <. - '616 ,8' * 0" , 60 ' 60*6.6. ' 6+ *, ' + +8' 155+9*. *4R'
,1*" " + - ' ,050 +*6 ' 9"1 3 - '06' (,161 - - ' ." 3+16' ,15 8' +2* X ' 6.3+0 " *9. '
L' ?' 5 1 047
- ! ' 'G " " ' :' ' $ '5 $6. ' ' ! (' ' '% /' ? . * 0' 060 0*' . 5 5 0 " " 0 '
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. ' ' B . ' 060 0*' - 06 ' 60 ' /' '/ ' ' ' ' (' ' '% U ' ' D
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b_ A) E %)) "

4 @" K " '5 1 0 ,+ - '& '504 6+ - .4': 'S. (,56' *' * +". - 0/ ,0* 4*0 - 0,0 0'+2 <
'2 4+1'51 6." 3+14',0 68 0*' 1 ".'4+4. ': . 4 .'.70*0.'61 - 0*6.'.4 - 1:0*6'06'
- *1 .' 06 0. '3+ 2+8' - +* 6 1*08'5+" .6.0'06' - 1".6 *.' +2:0*6. *0.' ., ', ,+ - 51 6.,'
41* +8' 40<0 6.0? +*6#' 0 *40' *' - + 3* '<+/6.# .5 6."0 - '51 6. -'06' *5:+ - '5 1'
5) 9*. ,+"+ - ':0 20 .6 1*0 - '4 9+*6'3+. - ' - 1/' .4'2 - 50 ."0* '51 6. -'6 .*8 0 +*66'
6 4+ 3+0'5+" .6 1*0 1*6 *+.' *90*60 - ' + *. - 04+*6' 06' .4' ,. - ' *.:0 - ' . - .6.* '
., , 8'". *.'155"06 8' 1*+ 6. - '.4 - 1:0*6'0/' ,+<+8 - ."1' *6+8' 40 504+8' 0 06'.,'6. *40 - X'
,+ - '0. *' .4' : - ' ., 0*4. - ' 41*0. - ' 40 0*6' / / /' N. 8' .4'5 15+9*. ,+"+ - '*1:+ - "
.4 - 16 8' 0140 - '60 - 51 0' ""+ ,06' .4' + *. - ' - 506+ - ., +*6' , ,' E."" 8' ., 0 - '4+ X '
,0*6 2+8' 05+" ' ,+ - '4. - *1' 1040 .6 ' ,+ - '0/'12 0"" 8'; /'3+ *3 0'40 40 .6'0"%0*6'
$06 61' 40 *' .'₩ + - .01' +2 4 1' - " '2 8' - ""0'3+ *90*6' E0 - .* '3+1 + - '.4:0*6+'
*' 50 - 5(6 +*4.0' + 2 8' 0 04' 2040 .6' 1 . - ' .4' 51 6. - '2 (0 . - '5 1 - 1:0*6'
"". 3+0' 5. 63' + *.'04 6.'6 2+8'"1, 8' - +" + 20 - ' *:.40 0'"".6++*6') 20 - '6+02.6+ '
' " 41 +8U$.,7 0,+8' 3+ '0/ 9++ - '3+0 *'50*08' 0'7.202.6'5 .0""4 . 1 + - '*+ - 0 +* '
d6 5. 6 61' 4 : 4 6' ' 06' 5. 60 - ' 1* .":1' 0*41C.0' 5. 60 - 'J0 4 *.*41' (.<.:04 .0'
3+ ' ,. + *' 0.') 20' , - '12 40 06+ ' 0 .*6' 60 6 + - ' " 1* 1' .*4.0' .66 2+ 6'
5 0' 5.+,18' 2' 0 :.: 6'".21 .*6 2+N' ,+ - '15+8' 0 "06'5 .0 61' +6+ +8' + - ' 1040B
.6'*1*' .6 8' 2' * 6 +4' .4': - ' . ,*4. - ': 40 0*6+ ' 0 *' *' , . 6 *+ - '4 6+"0 0'<
3+14' - .9*1' 12 0 8',1 - 141,0 6' .2' 41 1' 60 - '<+/6.' + *. - '0/, 6.61' 15'
<5 4.*1 + - '150 .'6+ - +"1'.4' .0*.*418' + - 50*6 + - ' - 506+8' G+1' - * - 0' .* '
- .4:0 1' 1049 .6 ' ,+ *'"0 1' - 1 .0' +.0'510* 60 06': - ' .2 6 *+0 +*6'06'61 - 0*6 8'
' . - 56 8 *140' * 03+0*6' 9*0 8'. 6 , 1 18' .4' *,0*40*4. -'51 6. - '.42 2+0 0 '3+ 2+0'
0 6 *4 8' + +8' ."60 . - ' .6 1*01' *0+*6' 06'". *0 8' ., , 8'6. *3+. - '5"+60 8' 604 ' - + 1'
+0,04+*6' 0+ - 3+0' + 140 0' .99 04 +*6+ ' ' 04' , 02 8' 0 +56 1* 2+8' *60 6+ 2.6 '
., ', + - '4. - *1' .05 +8' 05+" ' ,+ - '* 7 "5 1 ,0 0*6' .4' ,+*0 + - '+ + - ':0 6+ *6+ '
3+1 + - '06' 6+8' ".21 ' + 6' + - 3+0' 40 :.6.0' 1 ".'.3+.' *' 01' 0'%0*6' +6' 9* 2+8'
. 6 , 1 8' .4 *16 8' : - ' ,0 0*6 *+*, 1' 40' .+/ " 8' .2' "2. *1' + - - " 8' ., ,0561'
1 - * *1' .2' *,0561' 40" 60 +*6' 4' *0916 ' (.*4 1' : ".0' 06' 7 61571 1' 5*4 . '
91* 3' 4.6+ - ' l 0 .6' 3+ '0/504 6 1*0 - '7. *, .+4. , , - '<+/6.'0650 ,+"1 . - ' + ,050'
+*6' . + - 56 8' *6+0 5 0* 8' . , 8' 06'"1,1 + - ' : , *1 + - '5 .0 4 8' " '*1*' 1"+* '
60 . ' 04' 06 . - ' - . ' ,+ - ' 2' 0 <'90 0*4. - ',19*1 ,0 0*6' 3+14' 71" 08' ,+ - ' ,". "%0'
,. *."0 - '3+ ' .4' + 20 - 4+, 6' * 40 0* '06 . - ' *' + - - .'*.: + - '50*+ .'3+. 4. - '
'. - .*6' 06' ,+ - ' - " 60' 4+1' 61 - 0*6.' - 51*+*6'3+.8' .4' , . *."0 - '5 .0 - 66+*6' '3+.0'
6. - 0*:0 <61' 0 ". *6006' *90*6 - 266' +50 :0* 0*60' 06 1',1 - 5+" .0' +*6 *0,'. +/ " .'
51 6. 0' 516+0 +*6'. - "%1' ."60 1' 0/' 4+12+8' 61 "*0*61' 3+14' 60*. , 8' "+6' :1 .9 *,'
[illegible]7. + 6+*< *+) .' 50 .' *40' 0/6 .7'516+ 6' 0,'6. - 0*'5 1560 0. . * - + - '40 51*4 6'
: ". '3+ ' - 1* 6+8' .2"*<< 90* 8' 06' 'A " - - . 1'$"0+ - 1 1' *5 - 8' 6 0*+1': 1'1" - '
9'%0 91 * 0 - ' * +". - ',1*6 *0*6 .47.4 "%0' 06': 1"0*6.'., ', 02 .' - . 8' *+*4.6 1*,'
'.:+" . - '6.X*0*': .4+ - ' 0" 3+ "%0 3+14' 0,040*60' - . 8' .0 6+' ., "0'6 .* '3+0.6': .4 '
5 1 "*4 6.60 - '06'".6 66 4 *0 - '50' 41l' 2 '71 - * X'60*6. '<+206' ,19* 613+0': .4+ - '
.6 8' 6+6+) 04' 50' ""+4' +6' 3+14': ' - "" . .'".6 6+4 0' . - 5"04.6+ '06' 6 0 8'. - *0 8'
5 1 +*41'.":01' *' 0' ., , 5 .6' 60 '".21 1 - ' 0" 0' 0' ,+ - ' 1*4 .91* 1',1 - - +* '
,. 6.' ,* - :' ? 'E0 - .* , '06' "5. * , '*1 - * 8' 91' 4+, 6' 06'%0,+*4+ - '" 6+8' - . 8'
*,08" 6' 9 . 1' - 0 64' 3+1' 4+,0 06+ ' 1*4 .917 +8' 3+. *": 8' <. - ' .06.60'. " 04 .'
04' 1 +4.' 0*04+60' 5 - +8' :.4+ - ' *9 04 6* '3+14' 4+. + - '71 . + - ' 5.6 1' 6 .* ' '
l 6'6?* 6 2+8' . - .'06' ., , 28'5+ :0 0' +"57+ 01'5"0*18' "+5 .' , .5 6.'90 6. *6 2+8' 0/'
4 3+0' "6. *6+ - '3+ ' . - * + - ' *60 "+0*6 + - ' .5 4 6.60' + - '"1*9 +8'.' 1 , 8' 400 .*6

' ' [illegible] .2 056
& ' % ?' ,. - ' *90*60 - ' *.:0 *' ' ' 1' ' f L
- ? /G " " /' ' '& ' /9 ' '>G ' ' ' 5 0' $' + ((
/4 .' . ' '% '> '$ $' ? [illegible] l

ˢ #ˢ . K !

.2 056ˢ +*6 ˢ . - " 8ˢ 6.6" 3+0ˢ 9*0 8ˢ ,+6ˢ ,1*:0*0 .6ˢ .,,,*4 6ˢ 3+1ˢ *,1"+ - 0 9ˢ V
,15 .8ˢ *ˢ *"+". -ˢ6 .* - "0ˢ : ".0ˢ 9* ,. 06ˢ 06#$.,70,+ -ˢ40ˢ .4:0*6+ˢ +1ˢ ,T ˢ ' ˢ ˢ
6 1 0 -ˢ .,0 06ˢ 2ˢ.4ˢ3+ 0606*ˢ06ˢ - .44 0 -ˢ.2 60 90*4+ -ˢ2 0:0ˢ60 - 5+8ˢ ,1*,0 "+ -ˢ<
+<+8ˢ *60 6 6 1ˢ " 71 608ˢ *ˢ .+/ " . 0 8ˢ 6 *0 - -ˢ *,1 - - 14 6.60ˢ . 6 9.618ˢ .506+ -ˢ
0, "%0*6ˢ 018ˢ *+"" 1ˢ*0916 1ˢ40"0 0Q 16+ 0* 6ˢ 6ˢ 1040 .6ˢ 51 "3+. -ˢ40ˢ 0ˢ ,19*1ˢ
:0 +*6ˢ 5 16 *+8ˢ 9* 2+8ˢ0/, 6.6 8< 4ˢ0* -ˢ" 9*+6*ˢ0 .6ˢ 2ˢ . - "0 0* 0 8ˢ - 1*0*6ˢ +6ˢ
.:0 8ˢ6 . 51 6.*41ˢ - "6ˢ *0ˢ - 1 .ˢ.44+,0 0*6ˢ< .4ˢ3+.8ˢ ""ˢ4+ -ˢ5 150 .*6ˢ6.*6.ˢ
6 05 4.6 1*0ˢ 6+ *+"6+.6+ -ˢ0 6ˢ +6ˢ - +"6ˢ "+ 6 2+8 ˢ *60ˢ ,1* ,0*40*4+ -ˢ7.+ 6ˢ *6
$.,70,1ˢ *60 -ˢ *ˢ+"6 - (- .95 0* - 5 0 1*0 - ., 0*60ˢ,+ -ˢ, , , ,ˢ. 1*4 .91* 1ˢ
+ - - " 8ˢA1.**0ˢ,$1 0<"<5ˢ .""0<1ˢ (.":.60 .ˢ4+, 2+(ˢ3+1ˢ *ˢ,5* " 6+ˢ.4ˢ Tˢ
0/ˢ 1040 .6 8ˢ50 0 +*6ˢ : ".ˢ- 3<,ˢ%0 91. -ˢ:0* 6ˢ06ˢ+ 20ˢ5 .0 4 1ˢ.,ˢ- + 6 1* 2 8ˢ
*6.6.ˢ ˢ *6+0 5 . -ˢ 0:0 +8ˢ 0 6ˢ< ,+*.ˢ 1040 .6ˢ0.*ˢ.ˢ: ˢS."ˢ (056ˢ.4ˢ/ ˢS."ˢ
1:0 - 2 0 8ˢ 12 4<5*0ˢ ,<*/ 0*6ˢ 3+1ˢ60 - 51 0ˢ - +"6ˢ06 . -ˢE."6ˢ51""ˢ ,. +*ˢ$. ˢ
0* 0 - *01 + - ,. .:0*0 .*6ˢ ˢ ˢ ˢ ˢ u

ˢ , ,ˢ,0 ".2.6ˢ *60 0. * 1"".*4 .0 + - .0+8ˢ *. -ˢ4 9 0 4ˢ05 1: *, .J0 dˢ
4 *.*41ˢ%1"06.*1ˢ 6.6 -ˢ .4ˢ - 60 14. - + -ˢ,". "0 -ˢ.*60.ˢ * 6 +4. -ˢ.4 - 1:06ˢ ˢ ˢ
3+.ˢ .6 1*0ˢ+ 20 -ˢ,1 - - 0 , 1ˢ3+1ˢ+*1ˢ01* 6.6ˢ - 504 61ˢ.4ˢ5 608ˢ +.8ˢ50 6 .70 06
.ˢ0 6ˢ *ˢ .6.: 8ˢ.63+0ˢ.401ˢ6161ˢ 0"9 1ˢ714 0ˢ - ./ - .ˢ06ˢ*0916 .6 1* 2+8ˢ "1 0*6 " - . ˢ
,+<+8ˢ, :08ˢ - ./ - 0ˢ.ˢ$ 160 6.*6 + -ˢ414 *.ˢ." 0*ˢ0 .*6ˢ.4ˢ - . 0ˢ 06ˢ:0"+6ˢ *ˢ - . ˢ
6.ˢ51 6+ˢ&0*06. -ˢ, : 6.60 -ˢˢ .4 .6,ˢ *+8ˢ 09 *. -ˢ0 0 0*8ˢ,4*." + -ˢ50ˢ51 6.8ˢ
-.0ˢ 0, 5 0*6 + -ˢ 03+0*6 . 3+.0ˢ01ˢ. 6 , 1 .2 , .6.0ˢ 76ˢ+6ˢ.0 6+ˢ *6+ - 0 ,0*60ˢ
/".+4.*6 @ 0,040*60ˢ K51*60ˢ.50*.*6+ ˢ *ˢ - 20ˢ :ˢ, pˢ155 4.*1 + -ˢ0 .*6ˢ09 09 , ˢ
. - 8ˢ * 6 .41 + . ˢ3+ 2+8ˢ,+ -ˢ - - 1ˢ - 50 1ˢ5 .00 .6ˢ$06 +8ˢ?ˢ$060 1*+8ˢ5 - . L
+8ˢ40,+ 1ˢ 09 ˢ*1 - * 8ˢ 6+4 1 " - +8ˢ06ˢ 1040 .61 + -ˢ5.66 2+8ˢ * 0 6 ""- +8ˢ + ˢ
- .0+8ˢ + 6 .ˢ 1" , 6.6 8ˢ155 4.* 8ˢ,+ -ˢ.".ˢ .6 1*0ˢ+ 2ˢ12 - 6+4 *0 -ˢ%4,1 - - 1ˢ
0ˢ*1*ˢ51 06ˢ51 6+ -ˢ *9 0 +8ˢ.4ˢ,ˢ*.:0 8ˢ *,0*4 6ˢ3+.0ˢ<.4+ .ˢ.4ˢ ,,ˢ.+ 01 + -ˢˢ
ˢ.0 6 - .6.ˢ0 6ˢ *40ˢ(,71*1: .7ˢ4+, 6ˢ155 4+ - ˢ3+14ˢ - 60 14. - 0* 2+8ˢ 10ˢ
40 .6+ - ˢ 06 5 1560ˢ01 - - 0 , + -ˢ - +"6.. 0,0 6+4 *0ˢ ,1*<+*4+ -ˢ 0 - 50ˢ + 6ˢ
)*4 3+,6 2 2+8 3+.8ˢ<. -ˢ 5 ˢ60*02.*6ˢ, ,+*4.6+ - ˢ12ˢ 43 0ˢ ,+ -ˢ*+"".ˢ .+/ " ˢ
508ˢ0 06ˢ 6.*40 -ˢ404 6+ - ˢ 9 1 "+: ˢ ,1 - 08ˢ5 1: *, .0ˢ5 .0 08)"6 .<04 0 .6ˢ
3+14 : /ˢ *ˢ 40ˢ 06 *02.6ˢ 0 :.*41 *?ˢE0"4 . -ˢ50ˢ0. *ˢ+ 20 -ˢ6 .6 6+ˢ *60*6+8
H2ˢ .4 "".+8ˢ ˢ . "0 - 1*6 +8ˢ 0 9 +8ˢ 20""1ˢ.4:0 +8ˢ .+ 1*0* 8ˢ5. 6 2+8ˢ.44 418ˢ
ˢ * 0 6 " - 1ˢ 4 6 *42.6+ ˢ . -ˢˢ 0 9.0ˢ ,1 - 08ˢ .+ 61*0* 8ˢ 1 1 +8ˢ,1*6 .41ˢ
&, ˢ. - .61 + -ˢ0/ + 6 , 8ˢ 0 0ˢ0/0 , 6+ˢ - +"6.8ˢ+ 208ˢ06ˢ155 4.ˢ *ˢ A0"4 .ˢ06ˢ: , * 8ˢ
5 1: *1 8ˢ, 6 .ˢ,0 6. - 0*ˢ5,,+5.:0 .6ˢ Y=+6 .* . - ˢ 1060,1 - + - ˢ + 82+ 9+ -
. 40: ,+ - ˢ2ˢ "2+ 9+ - ˢ "+* . - ˢ "40C0". -ˢ06ˢ." .8ˢ *ˢ 40 -ˢ 0,050 .6ˢ *40ˢ + ˢ
,0 + -ˢ + 90*8ˢ *ˢ2ˢ% .* 0".*.ˢ?.4 .+ 0*6ˢ .*+ -ˢ06ˢB . - 50* 0 -ˢ+ 20 -ˢ,. 6 .ˢ
? 51* 6ˢ< 3+.8ˢ06ˢ 40 50 .6 8ˢ .+/ " 8ˢ06ˢ,1 - - 0.6+ˢ 40 , 0*60ˢ : 4ˢ (0/6 "ˢ<.5 6ˢ 03ˢ
6+ - 3+0ˢ 0/0 - 5"+ -ˢ (Z1"".ˢ ." 0"".ˢ (60*: ,.ˢ *ˢ 0.40 -ˢ5 1: *, .ˢ 4+6.0ˢ +*6ˢ
5. -ˢ.21" 6.ˢ - .<1 + -ˢ 0" 9 1*4ˢ ˢ 0:0*6 . -ˢ5 1: *, .0ˢ .5+6ˢ60*02.6ˢJ .*, ,+8ˢ
ˢ&. 9.ˢ *ˢ5 1: *, .ˢ.2ˢ "2.*1ˢ 0" 4+8ˢ+6ˢ0. *ˢ *ˢ1 , 1ˢ,1*6 *0 06ˢ06ˢ.+/ " . 0 8ˢ
E0 - .*18ˢ4+41 2+8ˢ ,1ˢ +* : ,1 06ˢ 41" 1ˢˢ 1" .6 .0ˢ4+,0ˢ:0* 0*60 8ˢ.,, 50 06ˢ
,+ -ˢ &ˢ 5.*1 + -ˢ 9* 8ˢ< 3+ˢ, 02 8ˢ0/,+ 1* 2+8ˢ06? *,0* 8ˢ5.9 8ˢ.,ˢ: , 8ˢ * 0 6.ˢ
1 - * .ˢ, ,+ -ˢ1040 .6 8ˢ06ˢ155 4 8ˢ3+.0ˢ 020"".:0 .*6ˢ ., 02.*6ˢ .,ˢ3+16 4 0ˢ,+ -

fˢ $^ 5ˢ Iˢ =+6 .* .,
. ˢ ˢ ˢ ˢ ˢ ˢ 7 3=! 29ˢ'8ˢ$+ˢ!ˢ>ˢ 7 (03='2)ˢ 8ˢ$+5ˢ!ˢ>ˢ 5
9 6YDY!7 @ < 7' ˢ 6 % = &8" / ' ˢ ' %ˢ ˢ
> 9" ! "ˢ A ˢ (& ˢ 4 ˢ 4 %ˢ (ˢ
B1 %ˢ 0ˢ ˢ ˢ (ˢ ^ˢ+ 7 ˢ 9 ˢ %; ˢ1 , 9ˢ - ;4 ˢ ˢh ˢ!
4 !& $ˢ24, $ˢ 2 " !$ 2C] 21 '' #2 - # !] 3$ˢ < 8 , !# ˢ A2)ˢ 21 ## !$
!9ˢ ˢ ˢ ˢ ˢ.4 .+0*6ˢ ˢ06ˢ ˢ40ˢ .*4ˢ .+ 0*6ˢ.4ˢ ; #$
ˢ ˢ ˢ ") ˢ ˢ ˢ , ,

ˁ - ˁ ˁ A E ˁ) i %)

$ ˁ X +6 .* .0ˁ5 .0 4 . 8ˁ40,0 6.(.*6ˁ /&ˁJ ".ˁ 40 Z1 - 0 ˁ0/ˁ5 - . .ˁ 09 1* 8
ˁ ˁ *12 " 6.60ˁ : ˁ .+ 5 , 8 ˁ 0+ˁ + 1/ˁ "6ˁ 01 - +*0 T ˁ 3, ,0 " 6ˁ4A+ 6+8ˁ (,1+0*2+ 90* "8ˁ
,1 - 08ˁ U P(*0,.ˁ 10" +0 4.ˁ06ˁ J - "0 - ˁ *ˁ 40 - 0,056.0ˁ +*6 ˁ *40ˁ2 1,+ - ˁ4+ #
, 6+ ˁ ˁ06ˁ155 41l,.561ˁ,+ - ˁ5 .0 4 . 4ˁ *ˁ6+ 0 *c0 - 5" .ˁ 0ˁ .+* 6. - ˁ,1* +9 40*6ˁ
60 6.ˁ40ˁ.+/ " 8ˁ,1*,056.ˁ 4+4. ˁ*,ˁ *,0*4 1ˁ3+ 40 -) 4* 161ˁ +4*, ˁ516+0 0 ˁ+6ˁ40 ˁ
4 6 1*0 - ˁ .,0 0*6ˁ 0,ˁ:0 .ˁ 50ˁ "" ˁ .ˁ ." "ˁ ++6ˁ ? . - ˁ <". 5.6ˁ 12"08U "" +8ˁ3+ ˁ
ˁE 10* *9 * ˁ . , ˁ5 .006.6 ˁ ,+ - ˁ .+/." . 2 8ˁ +50 :0* 0*8ˁ ,+ - ˁ *ˁ 6 *0 08 01 ˁ
;. 4 . - ˁ . " *9. - ˁ06ˁ (6.:, . - ˁ . 0 8ˁ 0"9. + - ˁ5 .0 4 Gˁ - . 06 \ˁ 1,+ - ˁ , 6.ˁ
4+, 6 ˁ0 + 3+0ˁ.4:0*6+ + 6R1 + - 0/06 46+4 +9 0*60+62(, .56.06, +4," 60 4 056.ˁ
0 6ˁ 3+14ˁ &ˁS." ˁ ˁ. , , 4 6ˁ 1,1ˁ, .561ˁ " +8ˁ.4ˁ .:0 . - ; 0 8ˁ:0 6 6ˁ,+<+8ˁ
. ,0 - + 6 , ˁ. - .6ˁ155+9*.2.*6ˁ ˁ - 5 1: 13+0ˁ *,+ - 0*8ˁ018 0"" ˁ 0 0 +40 8 +4 6ˁ
06ˁ12 4 1*0ˁ 1"+6.< .9+ - ˁ5. ˁ, +40"R.60ˁ3+.ˁ 1,+ - ˁ4 5 6 ˁ *40ˁ5 .04.ˁ1 - 4 1ˁ
- " 60ˁ 04 0*8ˁ ,+ - ˁ5 ., 4 . 18ˁ(*0,.0ˁ 10" +0 4.,ˁ06ˁJ .* R0 0ˁ12: 18ˁ7.2+ 06ˁ
5 .044 - ˁ +. - ˁ 0, 50 0ˁ,+5 0*60 8ˁ40<041ˁ5 - .ˁ - 5 0 1*0ˁ04 + - ˁ4+,0ˁ *ˁ +9. .ˁ
0 6 6< - +"6 8ˁ *60 04 8ˁ ˁ ˁ ? ˁ 6ˁ ˁ
ˁ / ; ˁ # ˁ ˁ "2.*+851 6 0,05618 ˁ 1*608ˁ 1 .0 .<0 6+ - : 0*0 - 6# 06ˁ
4 - "2ˁ03+ 6.6+ˁE0 - .*0ˁ3+14ˁ0<+8ˁ *ˁ12 4 5* 2+8ˁ 3+.8ˁ . - - 1ˁ .9 6.2.6ˁ5 / 9*+8ˁ
+ +8ˁ0 06ˁ61 - 0*6 3+0ˁ2 1 .,ˁ * 51 6 8ˁ 3+1 + - ˁ ,+ 614 . - X 3+ 1ˁ ,+ - ˁ :ˁ , ˁ
71 6 2+8ˁ.66 2+ 6 ˁ 5 ,ˁ50ˁ.3+. - ˁ +2"0,+6+8ˁ0 6ˁ 06ˁ< 2 ˁVˁ h .6 ." - ˁ *9 0 "+80 6ˁ 0ˁ
60/5ˁ,1*6 .ˁ 70 6+ - ˁ 6 *0 0ˁ.4:0 1ˁ "+ - *0ˁ.4ˁ 1R. - ˁ:3* 6ˁ+2"E. 5. ˁE5 - 0 6+8ˁ
ˁE .; .0ˁ5 .0 0 6+8ˁ 51*61*08ˁ + * - .ˁ. - 5) 6+4 *0ˁ5. .618ˁ7.202.6ˁ3+ 2+8ˁ *60 ˁ 0ˁ
,1"" 9.6 8ˁ 51*60 - ˁ - - + - ˁ 0/6 +/ 6ˁ 2ˁ 2.*+8 ˁ0/0 , 6+ˁ6 .*" - 5ˁ06 65 ˁ
- 0*6 8ˁ50ˁ60 . - ˁD 1; 1 - .9+ ˁ60*4 6ˁ<+2ˁ." 3+.*4 5ˁ1 h 1, ˁ01 - - 14 6.60 - ˁ.4ˁ
*0916 .ˁ0/5" , .*4.ˁ,1 - - 1 .6+8ˁ0 6ˁ *40ˁ + +8ˁ h .7." ˁ65 - 0*6.ˁ - 55*+*6+ ˁ 06ˁ
.4:0 1ˁ "+ - *0ˁ?? *70 - + - ˁ4+,+*6+ ˁ5 .0 - 5J 40 ,1ˁ " 1ˁ,+6*ˁ$/0 , 6+< .4ˁ
0+<+8 .4:0*6+ - 1,20 - + - 06 + 8 + 9+ - 404 6 1*0 - ˁ 0,0 0ˁ 0 0ˁ 06ˁ "09. 8?ˁ
ˁ . - 50* 08ˁ (Z5"".0 . "0) .0< (60*; , .0ˁ06ˁ . 40: , ˁ155 4.* ˁN6ˁ - 0 8 1 ˁ
60* 08ˁ0/ˁ .9 1ˁ) "6 . 0 6 * < 3+ * 6.60 - ˁ +. - ˁ, .+ . ˁ . - "2.* ˁ405 0, . ˁ
2.*6+ ˁ3+14ˁ .+ 1*0* ˁ55 6.8ˁ.50 + 60*6ˁ 4ˁ =+6 .* . - ˁ40 *ˁ5 1 - 16.ˁ, . 6 .ˁ
.4 ? ." . - ˁ "+: + - ˁ 6. - ˁ<ˁ,+<+8ˁ5 .0 4 . "ˁ4040 0ˁ155 4+ - ˁ<+ ˁ5+ - ˁ 0,+ ." 0*6 ˁ
/ + ˁ - .<5 .ˁ61 .0*6.ˁ.4ˁ51 6. - ˁ 1,70 - 0* 0 - ˁ.4 - 1:0*6+ ˁ3+1 + - ˁ4 5"1 5*0ˁ
54 6.ˁ *90 6ˁ - + 1 + - 6 .90ˁ5 .0 4 . ˁ .0: 6 . - 5.*1 + - ˁ;0 6ˁ155 4+ - ˁ< 14 .ˁ
40 0 +*6ˁ ,+ 614 .ˁ, : 2+8ˁ 0" 6.ˁ< 3+ ˁ - .*0ˁ ,+ - ˁ404 6 5 0 - ˁ .,0 ,ˁ:0""05 6ˁ3*60 ˁ
&0 60*6 2+8ˁ A .* 8ˁ06ˁ50 ˁ + *. - ˁ0* 60*6 2+8ˁ + 28ˁ, .56.ˁ06ˁ12: 8ˁ3+ 2+ 3+0ˁ6 +, ˁ
M4.6 8ˁ - *ˁ - - .* 6.6 8ˁ06ˁ" 2 4 * 8ˁ90*0 0ˁ:. 6.6.ˁ0 6ˁ G .ˁ 0ˁ ,1*6 .ˁ3+.*"ˁ 02.6+ ˁ
"2.*+8ˁ40 50 .6 1ˁ 516 +8ˁ 06ˁ0/ˁ40 50 .6 1*0ˁ 0,1*, " .2 "0ˁ.4:0 6 8ˁ*1 - 0*ˁ ˁ
5.*+ - ˁ14 + - ˁ ,1*, 6.6+ - ˁ0 6ˁ 3+. - ˁ6 5 ˁ5 1: *, ." 2+8ˁ *<04+8 06ˁ3+.*3+. - ˁ
;ˁ 0 90* 8ˁ,1 - 08ˁ 06ˁ (,7.+0*2+ 90* 8ˁ E0"4 .ˁ06ˁJ .ˁ.4ˁ 5.*1 + - ˁ.4:0*6+ - ˁ
0/,0 "0*6ˁ5 1: *, ." + - ˁ50 6*., .ˁ - * - 0ˁ * . 6.ˁ0 6ˁ5 .0:."0*60.4;0 "+8ˁ50 ˁ
0+"5 ˁ14 1ˁ 6.3+0ˁ,+ - ˁJ 40 ,+8ˁ - 51 661ˁ(Z1) .006ˁ 0;0*6 .0Z$1"; ""0 1ˁ06ˁ
04+46 8ˁJ .*, 01ˁ?ˁ&. 9.ˁ06ˁ :ˁ 5.*1 + - ˁ" 9* 8ˁ ˁ2 . 40*+ - ˁ:0* 06ˁˁ155 4+ - ˁ
*ˁ .6.:1 + - ˁ *9 0 "+ˁ 6+ - ˁ *0,ˁ - + 1ˁ *0,ˁ51 6+ˁ - + - ˁ - "23+0ˁD 10 R0 - 1ˁ
06ˁ 0 "2*0 Gˁ555 4.*$(.4ˁ,1*4 6 1*08ˁ., , 5 0*4.8ˁ *: . 06 \ˁ "" ˁ 4+ - ˁ40ˁ " 8ˁ.Xˁ
60 0.*6+ ˁ06ˁ, .:0 ˁ 2 ˁ 45*00ˁ506 - 6ˁ 5.* 8ˁ,1""13+ 60 - 51 0 +0*6 2+8ˁ.4

?ˁ L ? ˁ *60 *0, 1*0 -
. ˁ ˁ @ ˁ ˁ KˁJ ˁ [=> 'X" 8 $ +ˁ !ˁ ˁ 2+3()"3 8 $ + ˁ !5 ˁ "=>2121ˁ 8 $ + !5>

7 # ˁ %] "# $ " ˁ' " /] ! $ - ! 3 #$
5 " 3 ˁ 28 3 "$ 2 ˁ0)ˁ ˁ $ 29 ! ! !$ I2] ! ! # 2 # , !$
K2)$# - #$ 5G ˁ ˁ - ˁ *)$ < 3ˁ _ / $ ˁ; 3$ B 9 , $<# ˁ% / 2 $
! - ! / "$ 2 / " ˁ 8) $ 2 " ˁ #" !2 C] d$2 ' ' # ˁ !] 3ˁ 1] #3ˁ3)ˁ
- ") #$ - ' ˁ ˁ 2 7 A "#)ˁ ! ˁ 2 ˁ ˁ / " $ 5 ˁ ! ˁ; $ H
) ˁ - % #$ ˁ#ˁ % ˁ))$ / ˁ ˁ ' ' ! 2 K <

*6, - 0, 1*0 - 0 0, .*08 6* , 4.6 +*) 2, 4 056. 9*R *41 - 08 <04+8 +6
* 7 ". 2 *,0*4 1 *0. U/,,561 60 .5"10640:16.;6 .,E0*12 , *6.4+ - 0 - .* 0 6
4 51 60. 3+14 12 4 0 ..9*. *: 4 . 1*0 . 0*6 0*6 6.* <+ 0 20"" 0/,+ . +*6
3+14 0. * * - 1 + - 06 .4 12" 4 *0 - *0*4. - .5. +6* "1,1 - - 60 .0 6.6
510*. - 4020 4 ,0 0*6 ".4+ - .4< 4+*6 *60 5.+,., - 40"0 06 5 15 +8 . .,+"1
36+ 7.,, 6 .4+*6 * 41 - 0 3+.4. - 5.60 . - " .8 "1,+5"08 , 04 6+8 ,+ - 0/3+ " 6 8 61
- 0*6 8 4 0 +, .6+8 +6 9.C. - 1,, 46.6 . . *4 ,. 06 06 * 7 4,,+"6."%0 0 ,1* 6.*60*
." - . 0 6 +/1 04. - * 0< 6^$1* 504+ . . 46 0 *<+ 1 0 ,1 .5 0 ". 0 6 3+14 "
.0: +8 1* * , +, .6+ ., 4 6 6.*40 - ,+ - ,1*: , 8 3+.*41 ." +4 *1* 5160 .6
.*6. - *<+ . - - 8 .4 5,6 0 - + - , +40" 60 .*60 +/1 81,+"18 *60 04+8 0 "06 ;
+/1 0 @+8 .4 *4 ,.*4.* 5 00.* . * .4 " 9*+ - 0.5 60 * 60 . * f 6"2 06 *.* 2+8 55 6
60 9. ; *4 8 0/5040 + 50* . 0 6 ,1 . - 5.0 +"1 61< 4 " N 4 8 9.60 *.0 06 *<+ .0
- .60 *.0 ., 1 - 0*6 50< 6.61 +0 .6 06 5 0 : *4+8 *0, ..6 250 - 0 0 ;.R*8
,+ - - .6 0 6. 0/ " 9*1 50*40*60 *0 , 21 2 4++ - 0" 4+80 6 ;0 1<. * 40 , 0*6X
06 - .6 0 - 4 6.60 +55 ,) 06 0/ . - 0 5 150 .*R*. A *3+ ,0 *0*6 <+:0*0 - 3+0*
4. - 5 .0 61 + %, - +*A6 1 - . ,4 . . V3+. 6 ,10"1 4 . "+ - ?3+ +6 + - 3+0 1".6+8
1": 6 06 5.*0 ." .61 . - 0 5 150 0*0 618 0, 0.; 6 01 3+0 +6 0 6. * * 01 4+, .*
51*, ,*6 - 1* 618 *51 60 + - 20*0 50 .,0 <+ " 6 +<+8 0 40850*08 .+ 61 08 66
& < 1% 40 R*8 6 60 4.* + * &0* 6 <. - . 50 . 7;0 - 0 06 9".41
.3+ 8 +2 3+0 21*, 06 8 6 0 + 6.6+ - 0+ A1.**08 0*41C. 5 .05 .6 *70 .
$ * , 8 5 6 06) " .<04+ 3+ 2 8 155 4 8 5 .051 6 8 0 .6 1"<0 6+8 [illegible] 40"14+*+8
. "0*2+ 9+8 +2 60 0<+ " 6< ,+ - 3+0 *.* - 27.20 "06, . "0 - + - *5160 6.60 - X<
04 90 0 +18 50) - 60 14. - 0* 0 8 5 * + - 1" , 6. ,+ .: 6 +6 5 .0 4 + - .,,
50 0*6 6+ - " "09.6 , +* " 60 8 3+ <+ 0 ; , * .0 018 1 , + .4 - 1*0 0*6 36
* 09 8 40 - .*0 0 1 6. 0*6+ (, ". 6 *, * . 6 1*08 0 .6 , ; 6.8 ." 8 .+ 2
0 6+40*6 2+8 3+.0 5. 8 6.*40 - 5 .0:."+ 6 ." 8 09 1*1 *6* .44 4 8 3+ 6.* 0*
5 1 60 - 51 0 50 : ,0 0 +6 4 A 70241 ,+8 J +8 06 7 61571 +8 U (,.9 +8 2.*6
.4 .*1 "0*40" 1 .4 J 40 ,+ . - 660 0*6+ 06 /,+ .6. 5 .060 61 - - 0 - 1
". : - 405 0,. 0*6+ 155 4.*1 3+0 - 50 .6. .03+ 8 ,1*4 6 1* 2+8 0,0 0 5. .628 ?
1 60*4, 0*6 4 """ 1* 0, .4+ - ? $5 6 4 0 <+ .6 155 4.* * ,1*, " + * :5
,.*6+ ,+ * 6< ." 18 *60 6 0 +*6 .4 6.*8 040 14 +8 ?N& 2+6 +8 50 4. 6 0*++8
?1 *+ * 4+41 .4 .*+8 A0* 0* +8 06 ; (6+:0 +8 5 - . +8 40,+ 1 2 <X
50 4. , - - .. 6 60 06 50 4 . . 1 + - - +"6 8 :0 2 8 0/.9 6.6. 0 400 -
4.* 8 : 6+60 516 +8 2 ,2* +"6+ - 3+. * 9*.; . 0 50 4 6+ - 0 - ." 0*6 126+
l 06 +50 +840, 06+ - *4+, 6+ " *1:+ - 3+0 ,1 4 6+ 3+1 0/660 - . 516 +8 60*6.4
5".,+ 6 3+. - +6 0 5.* 8 4040 0*6 (0,+*4+ - 7.0, .4 .+ 61*0* 0 . - 66+*6
3. +94+ - .6.;2 + - 0 .6 ,+* (,.9 +8 06 " 0*40" +8 - 6, 14. *1 0
4 0 6 5 16 *+8 ,1 - 5 070* 4 *+ ..4 .+ 4*0* 0 . +2 ,+ 614 . *+66+*6+
\+2 5.+"151 6 " 40 +8 5 14 *1* 8 5+2" ,2 +4 , 1 ,1 +: 4+8 0" 8 5.6 2+ 2 .
/+8 0 6 1/ 0 - 0*""2+8 .+/ " 1 + - - "%+8 .C. +8 "0 +8 ,+ * / E0X - .
1 + - 9 8 , 8 5 .0, 5+ 4+,08 0 .*6# (60 *4.,+("09.6+8 57 61571 +8] &. L
40 +8 . - 20 6+8 h 60*20 90 806 . 6 *+8$ +6 +8 3+ 50 * 0 4 0 - 1"".*
4 . - 7.2 61 6 *0 0 5 4 1* 0, +%20 - *9 0 +*6 140 - R 0 - 5". 51
" .6. 06 - .9 *08 5. - 40<04.0 +*6 .051 6 4 0 *+*, +8 . %70141 ,1 J 1 5 -
, 50 09.6 1* 8 3+ .5+4J 40 ,+ - A 2 . , ; 2+8 *06+0*8 0 - .* 0 .6 ,+ - 5" +8
" 60 8 *+ 20 - :0* 6 3+ 6.*3+. - 0/5"1 .61 3+.0 6 1* +2<04+8 06 51 60. * + ,. -

& % N - 60 1 4 1 4 (,.,,+8 N0 i 4 : &(60*0 +8 0 1 4 ?
E. 5 b5 $ 2 - !/ " ' ") # # /#5 2 ! ' 21 ' !/ 2 ' ' "$
l E8 / 5 $ & 2 " # $ A ! l 2-' ! # ! " 22 &_ 0 #
l5(##$?? ' ! ! # ## 0 ,# $ d " /# 2# , ! ? 8 #$$ $
2Y ! # ! /$ # # !) # $2 " # ! _ # ! 2 # / ; ")

. 6+8 0 6 J 40 +8 :0 1 . "0 - + - 52 0 " +8 60 - 51 8 ,1 - - 14 6.6, + +8 3+14
.3+.0 5. 6 - 9"., 0 ,1*, 06.0 0 "0*6 *.:0<8 * ,.*." . , - 0* 7.0 0*6, 8 *,0*40 ,
.99 0 "+8 0 6 43+0 *0916 4.6+ - J . , ,1# 3+ ". 1 ":. 41 5 - . 1 . 6 *
U . 6 ,0*6+ 1* , 140 ,1 $0 0" 1)6 150 9."" ,. + - 0 0. + - ; ,+<+ - 14
& - "" . .4 + + - 09 1* 8 .,,1 - 14. .8 .26 ,. <+ "0 .6 50 9".408 504 60 - 6 .
4+,0 0*6 06 : - .4 *.:0 8 .,0 0*6 04 ,+ - ,1 - 50 "0*6 4. " . 18 +*48 ,.*40*
6 2+8 + 18 9" 5 , - , ,. ,". "0 - 4 +5 "0 ,1*.6+8 + 6 . + 6 *40 .4 (5. 0*4.
- + - 3+14 0 6 *60 - 60 14. - + - 06 . "0 - + - 66+ 155 4+"+ - .3+.6 ,. - 0
9 1*0 - . +50 1 0 3+.0 . 4 5 0 6 +*40 06 " 1 - 0* 7.206 4 : 40*8 . 2040 .6 8
X 0 J0 4 *.*4 %1"06.* .2 0*4. - 0 6 *.6 8 150 2+8 < - +* 6+ - .*60 T - * . 4+,
5".,+ 6 0<+ 3+0 0" ,+ . 14, ,1 (.5.6.0 3+ 0 - 0" .63+0 60 + - <. - "1,+ - 0"
, 60 155+9*.:0 .6 ,1 . - 66 6) +2 5 0 4+ 61 - 0*6 2 .,7+ - ".0:+ - . - +
4+ - :0" 6. 5+9*. ,+ - 5 .0 4 . 8 40,0 * 6 . "0 - 0 "08 - 0 .*6 3+" .990 0
50 1 "2 *4+4. .3+. 09 1*0 - +2<04. - - 0 90 0*6 04 - 50 041 150 0 ,+ -
5.* +50 :0* 0*6 06 + - - . 4 " 90*6 . .990 8 + *. - . , : "0*6 ,1*.6+8 J 2
40 , 06. 4.4 5 156060. . * - 0516+0 08 3+ 50 ? (5. . - 06% . - . - *0 8 6.*6.
- 6+4 *0 ,1*, 0618 +6 9 .: " - 1 51*40 0 0*41 5. 08 0 0*6< 6 .4+41 - " 60
(5. 0*4. - * - 6 1*0 - ." 1 60 - 51 0 *0/5+9*.2 "0 - , 04 6. - 06 6+*, , , , 20"".
61 + - 5 .0 4 1 - .6. - : +*4 3+ 0 .4. ,05 6 ? . 6 *+8 $ +6 +8 ,+ - - +"6 8 0 + 8
* 0. 40 40 .6+8 < .+/ 6 . 08 .2 . "0 - 0* 2+8 + - - " .2 6 5.* 8 ,+ - 4. - *1 *6 .
+ 20 - ,155+" 1*6 +2 - "2 $7 " 551 2 . * / 1 (.*6."4091*4.*1 * 6 6+6 *1 &
- .9 6 .6+8 , 0.6 3+0 :5 - . 40,+ 1*08 : .04 "08 0+ ,.2 * 06 / ,1*"/" .
< - + - 5 4 0 4+8 0 8 8 . 0 - + - .2 5.* 8 ,1 1*. , *9X + 1,,+5.65 .
4.,1 . :.<." ,+ - ,"15506. 87 .C. .*1 *J 40 , 0/0 46+ 0 .*6
69*. 504 6+ - 0"9. + - / : E0 - .*1 + - 06 / / / : 5.*1 + - ,"15
506. 1 + - 03+ 6+ - ." .0 06 ,,?03+ 608 %0+61* , 0/ ." ? (,70*R 0 :1,.6.0 06
A1.** 8$.,70, 06 *61* %1"06.* 03+ 6+ - ." .0 3) .0 : . - .2 "R - . . 06 0/
.3+.6 , . 5 1: *, . 4 ",0*60 - * 640 0*6 06 0. - 75 - 8 3+.* - . 8 "+4+8 0/,+
0*8 ,1 - 5".*.6 06 5 " . . 0*. 60 * 6 6.*6. - 6.60 +6 50 "". - ,. 1*+ 6 3+. -
0/504 6 6 .0 40,+ .*6 4 ,* 1*4.*. - . ,0 - + - 561 71 5 6 1 - 1/ .+/ " . 08
." 3+16 + - . " ,+ - 5 1560 2 + - 1 + ..0 0 - 5.*18 *,+ 0*60 8*1* : 40 0*6
5 .9*1 4. - *1 . 04 +** *40 ,1* +"6.6+ - * ,. 6 8 3+. 5. 60 06 3+. .6 1*0 5+"d
.6 1 4020 06 0 06 50 6 1 2+8 5".,02.6 +6 0,+ .6. :0 20 .6 1*0 - 10* . 5+" .
0 6+ .2 0. 5. 60 3+.0 ";. . 504.6 3+14 06 402 " 1 0. 5. 60 - + +8 06 ., " 1
0" 06 * 0+ . . ,0* +8 (04 6 .*8 0 0*4. 0 .*6 61 - 0*6. 06 <74 5 6 . - +6.*4. .63+0
.401 4+ + - : 402.6+ +6 - "08 5 1,+" . 6(41 1 - * 6. * . 50 . ., 9 4. 7;0 *0 +2
60*63 8 06 4 1 4090 0 ,190 06+ 3+14 6. - 0 *0,0 ". + - 0 .6 6 .20. 5. 60 5+"
.6 1 0 06 &0 + - *1* 6. * 0 4 6 ,+"6.60 ?06 *,1 - - 24 6.60 60 6+8 0 6 J 40
,+(< 3+.7 ,1*60 - 56+ 71 6 + - 06 4+0 . 40 =+6 .* .0 06 . 6 0* +,,0 2+8
60*+ 0 ,3*,056. ,1* " + - 6+6 +8 0 5+ 6 (, 0* - 4 5+6.2.6 155 4.*18 20"" +40 8
06 .6.:18 0 0 1 - * 0 8 3+1 + - ,1 51 . - 1"" . 06 "+/. - " 6. 0 - ".21 0 - 5.6 *1*
51 0 66 + 6 *0*4.0 12 64 1* - 5. 08 0<%0< 5 .0 4 . 18 :061 - ""0 6.*6+ - * + 20
0 0 3+ 0/4 - 5"1 ." 1 + - 6 *+"R - 1 . *60 @04. 61 - 0*6. .4 - 1:0 0*6+ 5 16 *+8
4 ".5 + *6 06 + 20 - 5 .04.0 0/51 6. - 0" 4+ 0 *. 4 *+8 0*41C. , 041
+6 5.*18 ,+"5. " 20 06 4 6 40 ,1 . 1, R0 - 1 06 0 5*0 1 50 +. + -
, 2 6< - .9*10 1 0 " ,+6 0/ 6+8 41,+ 6 9 6+ *+"". 4+4. 1 . 5 .060 0. * 3+. -
61 - 0*6. / : 40 0*402.*6< .4 - 14+ - "1* "*3+. - 5+" .6 1 .4 51 6. - ? c +, 8 06
?Q I ? d -) * 6 1*0 -

% $? - 2 $? - / !# " $ 5 2 ; 6$
" & 2 2I - ! $ # 1 "$ 2 " 5 $ 6 $ 52 ! 3$ - 3 "
? ! D ! + ? D N A0 ;+"91 G?X$

-+* 6 1*0-ˁ0ˁ1552 6.-ˁ4 9 6+ ˁA,:S."A. 6ˁ 51 6.3 0ˁ 51" 40ˁ -6*6 4ˁ
3+. .6+ ˁ06ˁ -+ +8ˁ3+ˁ *40ˁ .4ˁ (A1.** 8ˁ51 6.-ˁ51 9 6+ ˁ3+.-12 0""ˁ*1:1ˁ ˁ
51-10 1ˁ .4ˁ (ˁ .67. *.0ˁ + 3+0ˁ51*60-ˁ4+ 61ˁ -.:0 .*6ˁ ˁ + *.3 0ˁ04 6.ˁ51 6
p"1/:ˁ 6++-ˁ4 5"1 1*0-ˁ616ˁ0* -ˁ6161ˁ6 4+1ˁ.ˁ,1056.ˁ:0 20 .6 1*0ˁ*+-0 .60
+*6ˁ +56 1ˁ ., 0*4.ˁ5 1*+*, .6+ ˁ 0,".-.*60ˁ 1-0 1ˁ3+ˁ40ˁ +,,0" :, 02.6+ U
04ˁ" ,06ˁ5 6.0ˁ 0 0.0ˁ06ˁ 5+"ˁ: 8ˁ61 -0*6. +8ˁ40 ,0 0* ˁ 60 +5< .ˁ# 10 R0 - 1ˁ06
0 %1*0 1ˁ 50 +. +8ˁ04 , 6ˁ +6ˁ40 6*.6ˁ.4ˁ: -ˁ ., 0*4.-ˁ 0ˁ5. . 0*6ˁ33 .50 61
,.-51ˁ4+,0ˁ$ ˁ&. 9.ˁ *,0, , 608ˁ3+ 550ˁ*+""1ˁ:.""1ˁ60 6 ˁ .,ˁ51*60 3ˁ. 6 , 1+-ˁ.
. 671"1-.016 .ˁ .-51,. "1ˁ .2 ,.6+-ˁ 0,+-ˁX 1 6.*608ˁ,+- .4ˁ-+* 6 1*0-
:0* , :6ˁ?3+.-ˁP(60 *2.,7+8ˁ,+-ˁ . 1571 < ˁ40 0*402.6ˁ: -ˁ+* :0 "ˁ ., +*6
*1*ˁ0/50 6.634+,+- -50 1ˁ06ˁ"1,1ˁ. 4+1ˁ06ˁ. 9+ 61 0* 60*608ˁ: /5.+, ˁ *ˁ +-
-+-ˁ0:. 0 +*6ˁ 2ˁ "1* +8ˁ ˁE."0., +8ˁ4+-ˁ."3+,A6ˁ7 .6 8 4 +,+-ˁ(60 *2.,71
3+. ") *9+". ˁ,0 6.- *0ˁ405+9*.: 6ˁ (04ˁ4 5"1""1*0ˁ61 -0*61 +- ˁ,.60* 8ˁ 0 0 8
1*+ 61 +- * 0 6.6 ˁ.,ˁ51 6 0-1-.9*.ˁ,+-ˁ<. 6+ .I 05+" 6 *6 5.* *03+ ,3+.-
01 6*ˁ 60-0 6.60-ˁ *, 05.*60ˁ 1-0 1ˁ3+ ˁ4+-ˁ +18ˁ 0:1,.6ˁ 0"15506ˁ 6+ˁ *
1,+"1ˁ .+, .6+8ˁ06ˁ 0 40 .6ˁ.-5"+8ˁ ˁF06ˁ *ˁ 8 +,.8ˁ0(2 *.9+8ˁ0 5"+8"69* 0
*4 0.8ˁ 16 +8ˁ 9 .: 60ˁ .+, .6ˁJ (ˁ&. 9.ˁ06ˁ *ˁ 1" .ˁ 0" 4+8ˁ 0/ˁ3+.ˁ*1*ˁ*
51 6 4 0ˁ04+, ˁ516+ 6ˁ$06 +8ˁ 0*.: 408ˁ 4., ˁ . :.<.""8ˁ%1: "".E. 5 8ˁ?#) 0.0
,6ˁ .-.ˁJ . , ""0ˁ&."40 ˁ" 9* 0 ˁ06ˁ5 0ˁE."0.6 +8ˁ 4+-ˁ . ".0ˁ *ˁ 0-1 0ˁ.,,05 6
,ˁ0<0 6+8ˁ + 6ˁ5 -.0I<99 0"" 1* 8ˁ.4ˁ . "0-+-ˁ.2ˁ 5.* 8ˁ"+- -.ˁ: 6+60ˁ .4.0ˁ06ˁ
-.<1 0ˁ.ˁ5 .0 4 . 806ˁ155 4.* 8405+" .0< 3+ 2+8ˁ5 .060ˁ *""6.-ˁ: <+60- ˁ9 .ˁ
(.0ˁ.5+4ˁ * 0 618ˁ40 50 .6 1ˁ 04ˁ5 .0, 5+0ˁ +-0*ˁ616ˁ - - . 6.6+-ˁ; *40/ˁ.* -18 ˁ
040 ..*6ˁ+6ˁ 6.ˁ12" 4 1*0- 3+.-ˁJ 40 ,+8ˁ5.+41 +-ˁ4 0 +-ˁ 1 0ˁ)2ˁ50 +."0 .6ˁ
ˁ(ˁ+ 3+0ˁ -0 0-ˁ0/6 ./0 *6ˁ06ˁ*+ 3+.-ˁ *60 +56+-ˁ7+0ˁ+"3+0 1 6+*.0ˁ ˁ
5.* 0*"8ˁ 0-50ˁ& 4 , 8ˁ,+ +-ˁ5 .060 1-*+-ˁ15 * 1*0-ˁ6.-ˁ4 +ˁ 06. 4.:0 *6
0-+*ˁ :S." A.*ˁ5 1-".ˁ.2ˁ .+"1*0* ?.+/ .ˁ3+.0ˁ0 .*6ˁ 0"9. +-ˁ
H*.ˁ4+,0ˁ 0 1*;-1ˁI% 0 . 1ˁ *6 .ˁ+ 20 *ˁ.,,056.ˁ +*6ˁˁ4+-ˁ *60 -ˁ 5.* ˁ
*+2 "1"ˁ ,10"ˁ20*0 , 1ˁ + Wˁ *+""+-ˁ5 1-1:0*41ˁ:.""1ˁ06,+*0 8.90*4 860-5+8ˁ *?ˁ
60 - 660 0*6ˁ3+.0ˁ*18ˁ *ˁ03+0 60-ˁ.**+-ˁ 0 0 :.-+8ˁ0.ˁ3+.0ˁ71,ˁ.7*1ˁ.5+4ˁ*d8 ˁ
*ˁ 6." .ˁ06ˁ 0*60ˁ90 6.ˁ +*6ˁ" ,+6ˁ*. .6 2* 8ˁ1 41 51 6+" ˁ5 +8ˁ0/ 0,+6+
? V,ˁJˁ ˁ ˁ ˁ+ˁ8ˁR) "*+8ˁ,. 4 *."8ˁ.ˁ51*6 ,0ˁ51 6ˁ.,,056+-ˁ "0ˁ$. "0*""ˁ6+6
-"6+ˁ+*, +-ˁ"09.6+8ˁ *ˁ E."" .-ˁ:5* 6ˁ." 3+.*61ˁ60-51 0ˁ5 +8ˁ :0 1*0ˁ05* ˁ
-1 .6+8ˁ 8"1*90ˁ. .-ˁ 0 +-ˁ ., 0-ˁ3+.-ˁ 02.6+ ˁ06ˁ3+.-ˁ ,61.0ˁ 0"3+0 .6ˁ
*ˁE."" .ˁ1 0*4 6ˁ *40ˁ.7 - 8ˁ5.:1 0ˁ,1* 60 *.X 8ˁ *40ˁ ˁ.6 1, 6.60ˁ 6.6 8ˁ6+ ˁ
2.61ˁ 60-ˁ+2 3+0ˁ 09*1ˁ A . 3+0ˁ +2 6ˁ3+14ˁ 1-.0ˁ5+2", 8 ".+4 2+8ˁ405 .04 ˁ
,.2.6 ˁ 4ˁ .5+4ˁ S18ˁ .0330ˁ1-*0 8ˁ6 6ˁ "0*6 1ˁ4060 6. ˁ 090-3+0ˁ 5 +- ˁ,+6ˁ
09 09 ˁ.405ˁ ., *1 8ˁ06ˁ X+ˁ.*60ˁ5 1 +*4.ˁ5 +40*6 .ˁ0/,19 6.6ˁ 06ˁ,1*,14ˁ9"1 .-ˁ
90 1 0ˁ5. *:50ˁ 6." .-ˁ. *902.*6ˁ""+4ˁ6.*3+.* 0/ˁ1,0.""1*0ˁ06ˁ 2ˁ*0,0"" 6.60ˁ
7.6+-ˁ *03+0ˁ4*60ˁ5 .0-04 6. +-ˁ.5+4ˁ +18 0/,+ . 0ˁ .3+0ˁ *ˁ.+".ˁ40" 20 .6+-ˁ
." 3+.*4 +ˁ + 6ˁ "09.6+-ˁ 0/<.4- 660 06ˁ.*ˁ 71*0 6 8ˁ0/,+ .6 1* 2+8ˁ .5+4ˁ0+- 5 +8ˁ
,1""13+ +-ˁ405 5,. 06+ ˁ3+ 5504ˁ:0 02.6. ˁ*1ˁ51*6 , 8ˁ9 .6 .- ˁ3+.-ˁ01ˁ 041ˁ
+* - .-ˁ40-06+0 .6ˁ"09.6" 05 6" .ˁ.- 6 0 6ˁ- *1 0ˁ0/ˁ.4 04.6.ˁ 05+" 0ˁ.5+4ˁ$1 ˁ
60 6.*60 8ˁ 5 1 04+ˁ3+.-ˁ+6ˁ2"A0. *ˁ *<+ .-ˁ *ˁ6.-ˁ9 .:0-ˁ51*6 , 85 0*"1*0-ˁ
*,+ 0 0ˁ4020 06ˁ%.*40-ˁ06ˁ5156 ,)ˁ06) "*ˁ*1- * 8ˁ , +-ˁE."" ,. +*ˁ 0-50ˁ
ˁ 6." .ˁ +4 1 -ˁ4 9 6 6.6ˁ4.6+- .6ˁ.4- 660 06 ˁ 9 6. A""0ˁ+2 +94++-ˁ
6 * 6ˁ -1 0ˁ 4"0-*ˁ.,,056 8ˁ -+"6 8ˁ".+ 2+8ˁ, : +- 40-0/6+" 6ˁˁ06 1 41*1ˁ
ˁ ˁ W ˁ ˁ ˁ ˁIˁ ˁ ""1

ʹ)"1ʹ ".* 0*.0ʹ 5. - .* 8ʹ .*60 9*.*1ʹ 5.".*. ".+4.61ʹ +6 . -ʹ 0ʹ 5060 6.6 8ʹ 5"0* 6+4 Z
ʹ ʹ 9 6 .0 20*0 , + -ʹ - 50 6 : 6k 3 <.*3+9 -ʹ .ʹ 09 8ʹ - * " 8ʹ 0/<1.** 8ʹ ʹ 1 : ""0 ʹ
,1* " 1ʹ - 1* 6+8 +6 22 0ʹ 0 5. ,0ʹ 40ʹ 0.ʹ 0ʹ 13+, 06+ ʹ<+1*ʹ 516+ 6M 2ʹ 60 - 50 . ,ʹ
3+ *ʹ 09 8ʹ *ʹ 01ʹ *0916 1ʹ 55+4, 6 . -ʹ 5.6 0*6 . -ʹ .* - ʹ - .9* 6+4 *0 -ʹ 5+2" ,0ʹ 06ʹ *ʹ
5 : .6 8ʹ ,1""13+ 8ʹ +2 3 0ʹ .5+43 - *0 8ʹ 06 . -ʹ ,+ -ʹ 40"0 6+ʹ :0 21 + -ʹ ,1 - * 0*4. 06ʹ
40 +606 .0ʹ 1"0 - ʹ 51 - 5.ʹ .ʹ 0.6*ʹ 06ʹ ,060 8ʹ + 2 8ʹ 1 4 * 2+8ʹ 50 71*1 ,0ʹ /ʹ S."ʹ
0,ʹ 0< ,056+8ʹ 0 6ʹ ?06ʹ .4ʹ 05 ,15ʹ .040 8ʹ 4 :0 6 6ʹ $1 60.ʹ ,+ -ʹ 090ʹ ,1) 1,+6+8ʹ *60ʹ
." .ʹ - +"6 8ʹ 06ʹ 0* / 8ʹ 5 0, 2+8ʹ .,ʹ 6.6 5* 2+8ʹ .2ʹ 01ʹ ,1*60*4 6ʹ +6ʹ ,3*, " + -ʹ % 40*6ʹ
*+ - ʹ ,+<+8ʹ 5+2" ,.6 1*0 -ʹ 616+ -ʹ <. -ʹ *1:0** + -ʹ *ʹ E."" .ʹ - .9*.ʹ ,+ -ʹ +* :0 ʹ
7 6 .*ʹ 1 2 8ʹ 1 0* 1 0ʹ + 50* . -ʹ . 02.6ʹ *ʹ 09*ʹ ,+ < ʹ 5 1 - +"9. 06+ ʹ 06ʹ 0ʹ
,0*6 8ʹ . 6ʹ 5 - * 2+8ʹ .0,+" 8ʹ 405 .04 ,.*4 ʹ 3+14ʹ .4ʹ 0ʹ 9"1 . -ʹ 06ʹ ., .0ʹ 1 - .*.0ʹ
0,,"0 .0ʹ 4 9* 6.60 -ʹ 50 6 <0636ʹ - 0 - 2 .ʹ ., 1 .*4.0ʹ ;+14ʹ .55 1(.6 1*0ʹ :0"+6ʹ
12 9*. 06+ ʹʹ" 0ʹ 0* -ʹ .5+4ʹ 1 - .0 8ʹ 6. *ʹ 3+ ʹ +*6ʹ 3 <. -ʹ 3+ʹ 51 60.ʹ 0 +*6ʹ ,1* 6 6+<ʹ
+ - ʹ*1*ʹ 14 1ʹ .+6ʹ +"6 1*0ʹ .+6ʹ 5 :.6.9ʹ *<+ .0ʹ 4" +ʹ 990 -ʹ ; ʹ616ʹ ,.5 6+ -ʹ 50 * , 0*Xʹ
,1* 0* 0ʹ A%04 . 40*6ʹ 0ʹ 9"1 .0ʹ 5 15.9.*4.0ʹ +4 1ʹ .ʹ 7 6 .* " - 1ʹ 5 *, 5ʹ
4.6+ - ?ʹ +6ʹ 3+14ʹ 6.*60ʹ $ 160 6.*6 + -ʹ . 6 1*0ʹ <50 . ʹ*1*ʹ 5160 ; ʹ 8 +2".6 8ʹ * .ʹ
<1 + -ʹ 0" 9 1ʹ 71,ʹ 0 6ʹ .672" ,.ʹ 51 61" ,.ʹ 1 *.*.ʹ 50ʹ ;*14+ -ʹ % 40*62ʹ
*. -ʹ .ʹ (0 6.< 1ʹ :0*0*1ʹ . "0 6+6ʹ , 6 9ʹ ,1*6 1:0 . -ʹ .,ʹ" *0ʹ 0/,056 1*0ʹ 50ʹ +* :0 .8ʹ
J .*, ,.04 6 1* 8ʹ 5 1: *, .8ʹ ,1* 6 6+0 06+ ʹ 8ʹ 06ʹ ." 8ʹ .6 1* 2+8ʹ .05 +8ʹ .5 "4ʹ 0B
90 -ʹ 050 6 6 8 ?ʹ 3+.0ʹ - .9*ʹ *ʹ .+".ʹ 1 *.*.51*40 8ʹ 5"0 "3+0ʹ 06 . -ʹ .5+4ʹ *18ʹ 50ʹ
, 1 .0ʹ : 40X .*6+ ʹ 3+1ʹ - *+8ʹ 0/ʹ .,ʹ 06 *.ʹ .,3+ 0 00 0*6ʹ 12 6.2.*6ʹ <. -ʹ + - 56.ʹ .46
,/,+ .*4+ -ʹ .4+ -ʹ ,1*"<"" .ʹ M. - 4 5 1 - 56 8ʹ 51 60.ʹ 5 5 - +" .6 8ʹ 0/ʹ ,1*6 .ʹ ,1< Xʹ
60 6.2.6+ ʹ *1*ʹ 14 1ʹ 0" 9 1* 8ʹ 04ʹ .4ʹ 0; *,0*4. -ʹ 1) * ʹ .,ʹ 03+., + -ʹ 4060 6.*ʹ
4. -ʹ ,1*<+ .6 1*0 .ʹ 3+.0<+ "+ +1 +606 .0ʹ 44.ʹ 0"%0*6ʹ ., , 4 0ʹ 0/0* 5 66 - 3+0ʹ .4ʹ
,060 .8ʹ + 208ʹ 5<+ "+ʹ .,ʹ - .9*1ʹ +1ʹ ,+ *ʹ 41"1 0ʹ 9 . ".6+ -ʹ 0 "0 43 8ʹ " 60 8ʹ 1 .6 1ʹ
* 2+8ʹ .,ʹ" 20"" 8ʹ ") 8ʹ 40ʹ 3+ 2+8ʹ 4 /<5.+8ʹ 52 3+0ʹ *,+",.2.6 + ʹ 6.3+0 +6ʹ 09 8ʹ 04 4 8ʹ
40Iʹ ,1* 6. 06 ,+ -ʹ <.5ʹ +2 3+0ʹ +50"".*1 + -ʹ 0/0 - 5"1ʹ 01* - .6ʹ $ 160 6 *608ʹ .* ʹ
* 18ʹ *ʹ 09*1ʹ /1"" 90 0*6ʹ 06ʹ - 06+8ʹ 0 06ʹ 0ʹ 0/60 *1 + -ʹ 5 *, 5+ - ʹ " .2067.0ʹ
- 9"1 ʹ+ -ʹ 09 *.0ʹ .," 0 - .*1 + *ʹ *5 - 8ʹ .6),"8ʹ <ʹ +:. ʹ0*6+ ʹ 0/ʹ - +"6.ʹ 40ʹ + - - 1

5 .0 .6+8ʹ *ʹ 5 d0 0*8ʹ 0ʹ 0/,+ .: 6ʹ <ʹ 06ʹ - +"6 8ʹ X*ʹ . ,.*1ʹ 5 1 - "<8ʹ 1*0 .6+ -ʹ ",9.X+ - ʹ
3+. -ʹ 516+ 6ʹ 71*1 ,0*6 - 0ʹ 4 - "6ʹ 4ʹ ,1* ʹ.ʹ ,. 4 *."0ʹ 16. *91ʹ 51*6 ,ʹ
.,ʹ ., 1ʹ ,. 4 " ." + -ʹ ,1) 09 1ʹ 4."+*.ʹ +0 .6ʹ 40ʹ ,1*4" 0ʹ *ʹ E."" .ʹ 1 - +"9.651*0ʹ
0 - 50ʹ 1" , 61ʹ 6+ *ʹ .4ʹ 1 6 *0 8ʹ 1,, 1*0Nʹ *60*61ʹ 3+.0ʹ 6. - 4 +ʹ 0/506 6. -ʹ 0<+8ʹ 5 1ʹ
- +"9.6 1*0 -ʹ .4<+;. 0ʹ 51 "0*6ʹ N. -ʹ :0 2ʹ :0* 0ʹ . 02.6ʹ ""0ʹ I3+.62ʹ ʹ51*6 0/ʹ 0".2ʹ
6*0 06ʹ : /ʹ +*3+. -ʹ ,,+50 .6+ +8ʹ 0 06ʹ (,ʹ .+60 -ʹ 4 0 0*6ʹ <ʹ 74 ,ʹ *0916 1ʹ <. -ʹ ." ʹ
3+16 08ʹ .9 6.61ʹ 0 - 50ʹ 60 ,040 0,1* +0; 0ʹ 5 .0, 5+18ʹ *ʹ 09*ʹ 5+ 8 0*.61 08ʹ
0,,"0" .0ʹ E."" ,.*.0ʹ " 20 6.60 .,ʹ <+ .ʹ 09*ʹ 5260*40*60 8k 04ʹ *+*,ʹ 14 1ʹ $ 160 6. -ʹ
6 + -ʹ +2 3+0ʹ .,,0* 2ʹ 06 *<041ʹ *ʹ 1 - *0 8 - 06+ʹ - 6+ -ʹ 40" 20 6.60ʹ + .9 1 + .ʹ
*ʹ 4X,0*4 8 0*60*6 840,0 + + -ʹ 1 3+0ʹ 50 - *"6 8ʹ 5 1,+"4+2<1ʹ 105"+ + -ʹ ʹ - 06) <ʹ
*, ʹ "ʹ 01ʹ 06+ *ʹ 6.6+ʹ 12 6 *.6 +8ʹ ,1*6 .ʹ G5*0" ʹ 5 1 - + 9.6 1*0 - 5+9*0*6ʹ 0/ʹ 01ʹ *ʹ
5 , 1*0 -ʹ :0* .*6ʹ 3+. "ʹ - *+8ʹ 040ʹ .,ʹ 5 0ʹ 40ʹ 0 4 1*0ʹ 0*6 .*6 ʹ 9"6+ ʹ6. *ʹ 5 .0ʹ
,". . -ʹ 0ʹ ,1* 6 0*4.0ʹ 1,." 1*0 *ʹ ,.56.*4. -ʹ .6 -ʹ 51*6 0 ʹ *60ʹ ,060 .ʹ) /" - 5ʹ
0* /0ʹ - .*4.:0 .6ʹ +6ʹ *0916 + -ʹ 71,ʹ 4 " 90*60ʹ , . 0Xʹ 3 34ʹ 6. - 0*ʹ 12ʹ 0.8 0.+ .8ʹ
0/ 6+ -ʹ *1*ʹ 7.2+ 6ʹ $.+"1ʹ 51 6ʹ +6ʹ 71*1 ,. .ʹ 51*6 , 8ʹ "09.6 1*0 -ʹ 56 ʹ 1 43ʹ
0/ʹ 0 6 +*0 . 06ʹ 06ʹ 402 6+ -ʹ 12 03+ + -ʹ 0440 02ʹ ,0 6.+ *ʹ *90**0+*:ʹ . - 2*ʹ
" 06+ -ʹ : + -ʹ 06ʹ 4 9* 6.60ʹ 06ʹ 0 + -ʹ + +ʹ 5 .4 6.*60 -ʹ 1 - . -ʹ .2"09.: 6ʹ *61* *8ʹ
, + 05<8ʹ 1 .6 2*0 -ʹ 7.2+ 6ʹ 96ʹ ,0*.0 0 : 0*8 050 6 6.ʹ - 16+8ʹ $.X ""0*" 8ʹ - 0 *1 .

09 8 5 06.60 - ' - +"61'60 - 50 . - 0*61' ".+4. : 6' 1/ '06 - "+8 1. * *8# 6 1 6 5 '
+ . , +8 3+ 6. * .0 09+"+8 ' 3+ ' 09 8 .:. .0 *1 - *0 .5+4 51*6 ,0 - ' 046"0 - '
L1 , 1'40 +*90 06+ ' 01' - +"61' 51" ' , . 4 * ." 8 16. *9+8 ' 51 6 1" * ' , .5 6." 8
"16. *9 , .0 . - " .0 * - , ' , .040 - ' 06 0/ '0.' .4.6*' 1 - 1 .*6 .*1 + - '5160 '
6 . - ' 3+ ' 12' ,19* .6 1 0 - '06 ,1* " 1 - ' ,+ - '40 +*41' 1*<+*4 170 - ' .' 09 8 9 .6 .'
0/, 40 .*6 ' ,+ - ' " 2 ' :165 « - ' ,1 - 518 :"40 06+ ' *' E."" . - '3+. ' 0 + - ' *' .+".'51 '
" 6+ +8 ' 04 6 ' - .9*1 . .'06 5 .0.* - - 5160*6 .' * 1"0*6 .0 5 15 1 0 :+"6+ 3+. - '
' 5 1 50 8 02+8# "1 - 1' ." 1 + ' - .9 ' .* - ' 5 0 - 0 0 06 4 - +". ,' *1*' 5160 .6 '
c04506+". *6 . - ' *90* ' "" +8 6.6 - ' 05 " 6 09 * .' +6`@ , . / ' 10 - * .'06 - 50 +5 .'
0/+ - ' . : 4 . ' . ,' 5080<U8,1*6 . 1 . 6+'0"+" 6 ' ? '

' 1 ' 60 - 51 0 *1 : .' 60"".' : ' 4 ' 1 : ' +2 . 150.0 . 60 6*1' ,1* '
504 .'0 6 8 3+.0 ,+ - ' ,1 / .' 06 5041 0 5 +8 . 150.?0 71 - 2 ' 9+ . - ' 9 *8 - '
G16.'4 +6 +8 . **1' ,1* 6 6 6 06 ,+ - * 6 1'A5 :0 - ' U? - '50 9.01'0, ,0*6 , ' 06 05 , ; , " '
- .9* 6+4 *0 06 +"91 0 .03+. 06 '5.+".6 *(' .660*+.6. ' 06 * 6 1' . ** ' '- ' 1* * *1'
0/4 6 6.'0 6 ' . *' ,+ - ' 64"". '3+.0 .9 8 .2'1 0*60 .4 .41 .3 6+ - '90*0 8 S+ - .* '
5 15 6 .61 0 - ' d0,U*8 067"00 - ' * .6+ - ' &0* 0*6 2+8 5 . +/ 6 ' *90* 1 .' 06 . , ,1 - '
- 14.6.' .4'60* 5 8 " - " 6+4 *0 '3+ 4. *' *$ 260 6. *6 + *'9 .6 . - ' +,+"0*61' , . - *0
04 61'0. *40 - ' 0, 6 ' .44 6 8 6 6 8 .+9+ ' - *R '3+.8 2 4: '51 6 0:0*6+8 ,1 - 5 12. : 6
3+.0 06 4 *0" ' E0 - .0 J ' - 04 , '06 . 6 1 G - .0 *1 6 . .06.60'50 6 " - ' 0* '
60*6 .' + 6 ' 12' 4 P 01 - .9+ - .2 "2 *1' 6+* ,' 60 - 51 8 0:1T.6 ' 3+ ?40 0.' - +"6 '
, 5"66 ' ' .'? 1 *1, 6 , .' ' 0 3+0 51 6 * .6+ - ' 7 6+ - ' : /' ." +4' 57.0*1 - 0 1 '
1 - 5. . *4+ - ' 6"+/ "0 4R 6 ' " :0 +2" - 6.8 9* ' :0 . 6.8 06 4 +6+ * 6.8 50406+
0 01'06 .03+0 - . 64.'6 .4 406+*6%7.44.0+8 .90, +8 06 J.2 6 +8 J1"+8 '3+ ') +4
& 0**.0 *' + 6 .12 0 :. +*6 '06 0 1*' +* +. ; ."0*6 .0 *'S" 5. . 02 . , .0
" *9+.0 06 - .670 - . , . + 0 . 6 + - '5 1 0 1 ' ' 6 6. ** ' : .6 , 7 8 404 6.' 90*8 ' 4
51 60.' . , ' *0 6. - ' & . .0 - 1 60 - ' 06+"0 +.6 '0/? <+ 4. - '. 6 1"19 ' /1* 0* 8 0* '
60*6 .' 3+ ' 50 ' . " 150*' 0570 ' 09 8 %1 1 ,9.' *' 21 0." '5".9.' 0 * ' 3+ - *'
40*16. '. 02.6 '06 0/' / : ' - 0* + - '4+6.6 1*0 '<+/6. .2+ - ' *0 , 1'3 614 .5160"0 - 4 '
06. ,0* +' 60" .(' *' "+50 1 . ' 09 *. - ' "". - ' 0560*6 1*."0 - '51 6 / : ' . *18 *' , '
, 60 - ' 09 170* :1". 6+ . #,+ ' &.6 4* 1' 0: ^*6+8 51" 6.' 40 - ' . 6 +/ 6 ' 1&+8
1 2+8 06 6+ ,' 56 - + - ' *60 ' *18 0 - 0 6 ' ,1" , ' 5040 ' .' $ 44* +8 ' +2 9 ."^ ' '
,105<6 ' + - 561' *1 - *0 ' 3+ '50 '40,0*3 . 0, +40 ,0*8 + 3+0 .4 . ** + - ' 0/6+ - ' 0U
3+0.6 " ' .0,+) ' : 5" *6 1 %0 - 50 ' *,+2+ 6 ' 2 " 1 +8 06 . - '4 4+ (12' . ,0 2 "" - 18 .'
2) 0 , +, .6+8 ' 3+ '3+1 + - *66 *9 6 ,1 51 .' :0"+6 ' 40 0 50 ,+ ".'4 ,' 5 6 *1' 050*6,'
6.6+'40< , 6 ' 6+ *' 5.41 0 +, ,040*60 :+"6+8 40,1"1 .6+ '0/6 0 . . 90*6 ' Z 0 8 ,1* '
4+*6 ' *' 8 06 .* - +8 *3+ ,8 ' ,1 5+8 .9 6.6+ * '50 ' : 9 " .0 - ."+ - ' , . 4 19 - ' 0 '
3+076,8 ' 06 *.+"0.' *40 0 506 .' 5 1 6 .6.' .55060*6 .' :1* 6+ ' + 6+8 .' 51 . ,0.'
06 .0 +9 *1 .'2 "0 ' .+6 0 S "1,1' *1*' - *+8 - 1"0 6+8 9+" +8 , 020 - +8 .09 18 . '
6 9.6 ' 7 8 06 7;51,71*4 .04+. * ' ,+ - ' 02 0 "0*6. '61 - ' 6 8 *0/7.+ 6. ' 6 .*9+ .'
- 51 6+7.? 3+.0 5", + - 3+4 .",+"+ - ' - 0*6 6+ ' 06 1 7* + - '9 . : " - +8 :0*6 ,+" '
*60 6 *1 + - ' "+ - 22 + - ' " + - '06 *9+ * - ' *60*6 - +8 41"1 '< 6+ *'I5 15.9. *60
: , * , *2 ' 0 &.51 0 . , .' - .60 .' - 1 2 , .4+ , 6. 1 ' 7+ - 0 ' - . - - . , '616+ .370
5 6+8 :0"+6 . ,+", 8 ;0"" , .6+ ' *6054+ - '06 , + .' 06 18 . , + - ' *0,'40 +*6 ' 3+ 2+8

' ' ' ' ' 'G3='B"3!'3 3)=' ' 3)'3G'D * " !## ' ' # '4& ! ! !' !# ! 5
@ ' ! #78 - $M $ #$ ## $' # ; ! 4 '2* ' 0$2,) ,2 & 2 2
< ' ?3 ! > ! =29 #3a" (2 '>3) ! $ " !K 5 !# ' ' $ <2 '
' ' 8 I29 " ! $2 : * ' # ; #* $2
' K =3>'29 HH'& ' 1" - 1, 6 , . < . 5 < ' , ' < 4

ˁ - 22ˁ 040 " *418ˁ5+6.*6ˁ2 .,7 .ˁ06ˁ50408ˁ 0*" -ˁ 0 1": ˁ : -ˁ616. -1"0ˁ50 ˁ
ˁ ˁ * + . -ˁ .*9ˁ 050*60ˁ 0*6 + 66ˁ ,+2 ˁ - .*++ - ˁ6 2 . + -ˁ06ˁ504+ -ˁ - 16+ˁ5 1 +8ˁ
4050 4 61ˁ 04ˁ *6,9 1ˁ 3+. ˁ .,+8ˁ ,+60 - ˁ .,+6 -0ˁ5+*90*6 8ˁ 0* ˁ 3+. -ˁ 0 1"+ ˁ
6 1*0 -ˁ *ˁ5"0 3+0ˁ5 .0,04+*6ˁ,1*&+" 1*08ˁ05 "056 ,.0ˁ, -ˁ5"+ + -ˁ71 . + -ˁ,.0ˁ
, 6.60ˁ ,1* 6.*606. - 0*ˁ 2ˁ - 0*60ˁ + 0ˁ 51"" *1:+ -ˁ "4+8ˁ 0/1 61ˁ - 1 21 - "0 -ˁ
.*60ˁ, 1ˁ, ,ˁ.**18ˁ 1 - .0ˁ: + -ˁ , 5"6ˁ$.+"+8ˁ 09 *06. ˁ<`+ˁ50ˁ." .8ˁ 1 2 8ˁ5. 608ˁ
51 60.ˁ + 6ˁ4 "%0 - *.6+8ˁ ,+ˁ 0 - 04 .ˁ.ˁ"1*9.ˁ60 - 51 8ˁ0/50 0*6 .ˁ50ˁ16 + -ˁ0/,19 ˁ
6.6.ˁ - +"6 8ˁ *60 -ˁ *60ˁ4 - 18ˁ, +, .6+8ˁ3+16 4 0ˁ50 0+*6 2 8 ˁ G+.ˁ40ˁ 0ˁ12?
0 :.6 1*08ˁ.J .*, ,1ˁD 60" 1ˁ0/ˁA1.**"8 $ 41/ ˁ $.*, , ,ˁ&0 6+* .* $06 ˁ
2 "1* 8ˁ$. ,." ˁ0 E."" ˁ4 04 ,1 - -ˁ$ 41* ,1 + -ˁ+ +ˁ06ˁ4H4 *.ˁ5 .0 6.*6 + ˁ.4ˁ
:0 . 8ˁ,1""04.8ˁ5+ 1 8ˁ5060 0ˁ" ,06ˁ 18ˁ." 1ˁ5 150 . - +8
- + 20ˁ,1* 04 8ˁ ,+ -ˁ 0/ˁ ".+4 . -ˁ 1 1 0 -ˁ 16. *9 .0ˁ4+, 8ˁ
+/1 0 -ˁ3+.0ˁ *: 6.6.ˁ.4 . 9.6 6.0ˁ 1 1 ˁ* 6 .8ˁ&0*0 .6ˁ.4ˁ 09*ˁ *48ˁ + 3+0ˁ
5 1 03+ˁ 6.6+ "06ˁ 50 ˁ0<+8ˁ .2 0*6 . -ˁ5.+ + -ˁ 08ˁ.ˁ + - - 1ˁ50 " +"1ˁ.2 +0 +*6ˁ ,,ˁ
"0 .6.ˁ ˁ 0* ,ˁ *93" - 0* 8ˁ .65 8ˁ *167ˁ ,1*<+ .6 1*0ˁ?3+ˁ ,1 - 5"+ 08ˁ 0,0*60ˁ".?
* 0*.ˁ06ˁ 0,+6 8ˁ0. *ˁ5 .04 8ˁ *0 ,.618ˁ, ,.ˁ 0ˁ7.20 2.6ˁ 3+ 2+ ,+*? ,)561ˁ ,1* " 1ˁ40ˁ
."60 1ˁ 6+ - +"6+ˁ +606 .0ˁ0/46.*41ˁ 46+5 06 1 + -ˁ +6ˁ40ˁ (04. .ˁ"+0ˁ + 5041 + -ˁ
41 - 18ˁ*16.ˁ,0 6.ˁ 0.ˁ0 .6ˁ, +/ˁ 40,+" .6.ˁ 40 9*.*4.8ˁ ,+ .:0 .6ˁ + -ˁ3+ 4. -ˁ 0/ˁ
,1*<+ .6 8ˁ0.ˁ 50ˁ90 6 0*8ˁ." 3+ 4ˁ<94.2+*4+8ˁ40ˁ 0ˁ0 +4 "06ˁ2 0:ˁ."J1 0ˁ4 0 -ˁ4 4 B
6.*8ˁ3+1ˁ 0" 3+ .0ˁ1, ,+"60ˁ .47+,ˁ06ˁ".6 6.* - *ˁ+ 20ˁ - ."ˁ1 - * *1ˁ.21"0 0*6+ ˁ .,ˁ
,040*60ˁ.4ˁ7.0,ˁ * 1" 6.ˁ0. +*40 -ˁ*16. + -ˁ0140 - 4 04 6 1 + - 1 2+8ˁ * , 56. + -ˁ
- +"6 6+4 0ˁ 0*.6+8ˁ5 - 1 08ˁ .+4.ˁ +"5 , 16 0ˁ +4ˁ E2*C.9. - 9"<" :0 * ˁ4+,0* Iˁ
3+0 - 0/4 ,040*8ˁ+ 2ˁ,+ -ˁ + - :1 - 5 0 15 .051 +0 .6 .40+*6 06ˁ0/51 6 8 3+"2ˁ
.4ˁ018ˁ40".6.ˁ0 0*6ˁ *4 , 8ˁ06ˁ." 8ˁ,1*<+ .6 1* 8ˁ. 9+ .0*6 8 19.*6 : 40 06ˁ*0ˁ3+ 4ˁ
+ 28ˁ406 - 0*60ˁ, .50 06ˁ 5, 4 ˁ :0 1ˁ+6ˁ0140 -ˁ60 - 5 0< <H5*4 0ˁ.55060*60ˁ4+1ˁ
ˁ,1*<+ .6 8ˁ *91" - 0* 8ˁ . - ". 08ˁ5 .0 .4.ˁ - 5+40*6 .ˁ06ˁ.+4., . :0 * + -ˁ
.4 0*6ˁ *0A 60 8ˁ 09 3+0ˁ7.*,ˁ0"<5ˁ:1"+*6.60 -ˁ,1*" .*60ˁ. "0:0 . 0*6ˁ <6ˁ3+ˁ40ˁ
0" 9 1*0ˁ*1:."+ 50!ˁˁ *ˁ+ 20ˁ +50 0 "0*6 N 4ˁ+*+ -ˁ1 - *08ˁ6 +, 4. 0*6+ ˁˁ3+ 2+8ˁ
0ˁ4+ -ˁ40ˁ :1"+*6.60ˁ 09 8ˁ +6ˁ 5 0ˁ. 02.6ˁ,0 6 +8,59*1 ,0 06ˁ *, . ,0 0 - 6.6 -ˁ
,1*<04 8ˁ0.ˁ 0ˁ* 06+ˁ ,14 , 8ˁ *<041ˁ40606.*4.ˁ5 .0:." 4.0ˁ ,1*<+ .6 1* 8ˁ,1* " .ˁ
6.ˁ 044 4 6 ??ˁ ?
!ˁ Tˁ 1 - . -ˁJA 1ˁ"09.61ˁ06ˁ55*6 0/ˁ12ˁ0/,+ .6 *0 -ˁ40/3*ˁ
0 " ˁ% 40*6 *ˁ5+2" , .6 5*0ˁ ,+<+8ˁ 50 -ˁ,. 4 *." 8ˁ 16. 79+8ˁ 0,0 .6ˁ5"044 k0ˁ.ˁ
6 8 .4+ -ˁ*1*ˁ5+6. 06ˁ6. - 0* ,ˁ,. +ˁ5 1 $. "0* ˁ 1".2. - ˁ3+0 *ˁ *ˁ ., ˁ - .9)2.ˁ
6+8ˁ +ˁ.+ 5 , 8 * ./ - 0ˁ *60ˁ5 1"50 .4+ ,02.6 ." 13+ˁ40ˁ20""1%+ , ,1ˁ.*/ +8ˁ,+<+8ˁ
,1* " .ˁ 0".*9+ ,0*6 0ˁ51""6.*6. -ˁ: 41 . -ˁ 1040 .61 + -ˁ. 41 0ˁ - *+8ˁ0/ˁ.* -ˁ
0*6,*6 .ˁ 5 5,0402.*6ˁ $1"" $:ˁ12 6+ -ˁ ˁ *6ˁ ˁ 1 + **.ˁ,+ -ˁ<. -ˁ *ˁ 6 *0 0ˁ
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0" ,0 -ˁ *.+9+ .6 1*0 -ˁ9 .6+".6+8ˁ3+1* . -ˁ - 1 60ˁ40,0"%1 8ˁ - .*4.6+ -ˁ 2ˁ - 50ˁ
+*Qˁ0/"5 .:0 .6ˁ0+ -ˁ - $*+0 .6ˁ+6ˁ3)0 -ˁ:0""06ˁ," -ˁ5 .0 ,0 06ˁ 6.3+0ˁ ,1*6 ?
*+.6Gˁ0ˁ.ˁ51*6 ,0ˁ - 50 1ˁ 1"+ - *.ˁ1 - + - 60ˁ ,506 6ˁ *0, 3+.*6.: 8ˁ,0"0 6.60ˁ
" +85 +8<+* 1ˁ - 0* 0?ˁ 0"%.*. - .55+"6ˁ)*40 A1.**08ˁ + 6 +8 0:1,.6 8 6." ,0 ˁ
E0" - .*R 8ˁ06ˁ "5.* 0* 2+8ˁ,15 8 50ˁ7;20 <<.ˁ(, " .0ˁ4 6 2+6 8ˁ / / ˁ1*0 . 8ˁ
*.:0 8ˁ1 - *ˁ 0ˁ,1 - - 0.6+ˁ06ˁ.55. .6+ 0 0 6 - .8" 1 0;ˁ. -ˁ5 . 66 6ˁ06ˁ :. + .ˁ
D ."%.*+ - 0 ".*.?1 * ".ˁ +2 03+ <+206ˁ &0*0 .6ˁ.4ˁ0+ - +A.,$2+8U (+50 .*6 +8ˁ
,) -ˁ ˁ ˁ(ˁ6 0 - 2+8ˁ.<.,121ˁ]ˁJ+ 0. 0* aˁ + - 7.0ˁ 0 + -ˁ.ˁ0 .6+ˁ *ˁ"1,+ -ˁ(02. 6 .

? ? L (
? >Yˁ !6ˁ - !ˁ0ˁ * ˁ+ ˁ(G *ˁ ˁ ˁ. * ˁ * 3 ! D ˁDˁˁ> !
% $ ˁ2 1)$; &$ 52$ #" # ˁ1 - $ I / !$ G / *$
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U&0 0 ,+ ".6 51 6 5+9*. - 12 ,1*6076 1 0 8 / + - A1.**0 + 66 1 7.2 6.8 - . 4 4
9 6 R6+8 .2 19.6+8 0 6 5 .0 04 1 - "+8 +6 5 1 04 1*0 - 0<+8 + 90 06 + - *+"".8 +
<+6.8 - 1 .0 ,.+ .8 7.20 06 *1:. - .*4.6. $7 " 55 5 1 0 6 3+ 2+8 <+202.6+ 12
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4. - 3+.0 .6 8 0"%0 : . +0 6 1"+* *.0 ., 1, 8 *0 1 - * 150 40 6 6 .*6+ .66
2+0 , ' ,+ - 0" 3+. 0 ".*.0 +2" 60 0 2 3+0 *1:. - 50 . ,/"50 6. 0 (0,+*4+ -
7.0, ""0 * : 6+8 * 50, 0 - / / 6 0 - 0 8 1"+ - *.0 .66 2+ 8 5 .0 0 61 09 4 1
*4 .4. 0" 3+. 7 ,". "0 - 50*08 0 06 *06 G+14 +2 &0*06 8 ,297 6+ - 0 6 6+ *
:1, 0 . 1 - *08 06 0 5.*1 + - .61 .+614 1 516 +8 40 0 618 . , 5 14 628,1 ,".
- . 0 5 - 1 .**1 5 1 7 ". 7.*4 06 . 6.*60 .+/ " . +6 0*.6+ - .4 204+8 . , 0*
4+ - 6 - +". 0*6 *1* 5 +8 6. - 0* + - - 6. 3+. - 60 - 51 0 0 + - 90 0*4. +*
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*, 6.6+ - 506+ - 06 ,". "0 - + % 2+8 .2 < - 0*4. - 5 1/ - 1 .**1 : / 6.*40*
B * $) L # (,
5+9*. 06+ < *03+0 .*60 ,1*6 . 71 60 - 5 19 0"%18 3+. - ,+ - *+"". 5 10" 508 0"%06 '
,+<+8 6. - 0* 0" , 6 8 *15 *.6. 06 6<*6. : 61 .6.*6+ - .20 6 +6 ".06 6 . - * 09 . 06
"5.*1 + - 5 1,0 + - .*6 - 8 0/, 6 :0 6 +6 .50 60 5"0 3+0 + 6 ,1* " + - -
5 12. 0*6 *1**+"" 3+0 01 + 3+0 5 1:04 60 - 0 6.60 - 0<+8 5+* 0*4. - ,0* 0 0*6
3+ 0."1 0 .41"0 ,0*6 .0 06 3 ,1* +"6. 9"9 .0 ,+5 4 6.60 ,". "%0 - 09 . - ,+<+8 *,1
"+ - 6.60 ."+8 6." .0 ,1 6 *02.6+ 50 ,+"1 .0 5 10" ."0.0 ,1 - - 660 0 *1* 4+2
6. ",6 7+<+8 :0 1 60 6 .** - .* 0 6. - ""4 ,.6 1*0 - ,+ 4+2 + - 0" *3+0 0
5.*5 + 7 4 ,1* " + - 0 "0 +6 &0*0618 *". * 8 06 *+6 " 2+8 "+ - 56 2+8 .2 + - .*6<
,1 - - 3+0 4 6 1*0 - 20""1 6. * 4. - *1 1 .66 6. - ? *40 %+ , 8 .4 5 .04. - 0/51*.*6?
7*, 5 15 .0 . - 2 6 1* ." 3+.*41 051*.*6 N *4 - 6 4 ,+"+ - 0 "0 5 1 +8 3+14 40
E."" ,1 + - - 16++ - * (+2."5 *. 09 1*0 - 06+ * - 04 5 - . 0 6+ 5".*03+0 .5
L 5. 0 0 0. * . J04.6. - 0 "0 0/,+ .6 1*0 - ' *0, :06 +8 0 "0 3+14 5"0 3+0 *6 3+
. ,.* 5 1 +*4 +8 - .*6+ 51*6 ,0 - 1 6+1 0+ - *,0 6+ - 0 "06 3+ 8 "" +,,0 " 1
4. 06+ 7 1, 6.6+ 0 + - *1"+ "0 +.8 * 6." . 5 1: *, .8 1 - * 5 .0 4 1 *94. "
9 6+ 14 + - 5.*1 + - .4:0 8 0*.6+ - * .6 .2 R * ,.+ . 0 "0 3+ 3+.*6+ -
&0*06 8 40,0 "0 6 6.*6+ - 2 .,,040 0 0/ 6 - 0*6 6.3+0 0/ 01 + - ,1* " 1 5 18
2 ,1* " + - ,.50 0 4020 0 ' 06 . 1040 0 0/ 3+1 "+, + - .4 5.*18 4. - *+ - .4
0 * 4. .63+0 .401 "01* *. 1, 06.60 040.6 - .6+ 0 4 ,040 0 8 .6 1* 2+8 <. -
,.0, 6.60 +50 1 + - .**1 + - 0 0 4 ,+ ". * 0*.6+ ., "0 50 : *, 6+ +6 . ,4
61 1 . 2. 1 0 5+2 ,.0 * 1* 6.*6 *151" 6.* . + 20 5 1,+ . - .*4. 06+
0,70 - 06 8 5+ 5+ .6 5 - . 0 - 1*0 - 40f5.,0 05060 06 0 - 3+0 .4 + - - .8
,1*4 6 1*08 .63+0 0<+ - 14 +6 0 06. %+ , 8 ,/61 3+0 51 "0*6 50 4+,0 06 ,0
60 + - . ,1*6 270*41 .2 6 *0 06 .*603+. - . 0*.6+ ,0 6 1 0 5 +8 .41 *1: " - .
- .*4.6. .,, 50 06 140 - 60 - 51 0 A1.**0 - ,7.0" + - * E."" . - 06 *61
*+ - 0%0+51"+ - * 5.* . - : 18 4 ,074 .,+"6. 006 0 + - + + 5 .0 6.*60 8
- 66+*6 ' " + - +6 090 - . ".00 "%0*41 $7 " 551 4071 6. 06+ < *. - 6+*, *1* 6.*6+ -
40 20""1 * (+2."5 *. 09 1*0 04 06 . - * 0"9 1 . E."" 8 95 0*41 + 5 , 1*08 *?
90*608 0/1 6.0 0 .*6 7+*, 3+ .5+4 $7 " 55+ - * 6. 06 +6 ,1*:0*6. +2 4 . 0/
60 - 5"1 - 660 0*6+ 70, 1+*4.6 *0 06 09* 60 .90*41 20""+ - - .9*1 .* - 1 ,105
6+ - - .<5 0 1 6+7. 90 6+ - 0*0 ,0 0 5.60 06+
! #% + 6 +8 0 ".*. 0" 4. $.*71 - + - ,1*60*4 6 1"+ - *.
0/ 4 0 + - 0" , *.: 9.6 1*0 + +8 8 1 ,; . - 50 :0* 6 *0 *60 G+ *6 " +2 ,+ -
&0*06. ,". "0 ,1*<+*9 6+ < .4 3+. - - +"6 5 1,0 08 ,1*:0*0 .*6 06 * 8 ,+ -
< 40"04.
4 ! #! $; " !# ?! #0 5 \ # /
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E ' 40"04.'E."" , .'A 12 " 6.60' . 1"+8U 16. *9+8' 04+.*.0' - . ,7 1'E+ ' .60 ' 8'
' ' :0' 1, ,+"6' ,1* " ' ,1* , +8' 5 1,+"' .' 5.6 .*41' .4*1 0' .20 "0' :0""06' :0' 20"" , '
40,1 8' ,+5 4+8' .0 - +".6 1*0' .6 8' 3+ ' $.**1* , .0' 0/504 6 1* ' 5 +8' *60 +0 . ?'
5. , .6.' 5.6 .' : 6+6 8' 50 4 6.*4.0' 71*0 6. - ' 1, , . 1*0 - ' 0/6 .' E."" . - ' 3+.0 0 06'
0 ' - " 6 .0' 71, ' . **1' *1 - 0*' 404 6' < .' 0*.6+' &0*061' 12' 5 150* . - ' .401' *' 0*6 '
5+2" , . - ' :1"+*6.60 - ' *' 5.6 , 1 - - ' ,0* + - ' 3+ ' 71*18' - . / - +8' .5+4' "18' 7. '
206+ ' .""04+8 ' *40' ,1*<+*4 ' 1 - *08 ' E1 - 0* 6 . + - ' 51 6+ - ' +20+*6 ' *' 013+0'
," . "0 - '"+ 6 .*6 ' 3+.0' + 6' 1 - * *1' ' 0+'6 0 - + - ' 0+' *. : + - ' + - ' *' 01' +*6 '
6, .0' .2' + 6 1' :0*0 +*6 ' 3+ 2+8' 2 ' 4.6. - ' .'$7 " 551' . ,+"6.60 - ' , 2 6' +6 ' +2".61'
E.""1 + - ' - 06+ ' 0' ,+ - ' 5 8' ,1*<+*9.6 ' 3+14' 0' 5 1504 0 - ' .4+ + - ' 9* , .6 ' ! '
60 - 3+0' 1"+ - * . - ' - 1 "06 ' .2' 1 - * ' ,1*.6+' .2 6 *0.6 ' 0' + +8' , .40 - ' 3+.0' 5 +8'
&1, 0 .6 ' &0*06 ' 60 - 5+8' 0 + - '90 0*4. + - ' 0.' - 1 .' 0/ - ' 06' 21 0*42+8' 0 - 50 '
*1: 8' , .+ 8' . , 1 .*4. - ' .+/ " 1 <+ - ' 40 - ' 0"+4 ' * . - ' 3+.*41' :0*6+ +*"' + 6 + - N'
<. - ' T* - ' ' .**1' 0/ 504.*4+8' 6' *' ,1* , " 1' .9 6.6+ - ' / < .*' .4' 0+ - ' 4. " 8' . , ,040 0'
4020.6' ' .*' 5 0' 4+ - ' .4' ," . "0 - ' :0* .6 ' 6' 0/ 504.*4+8 ' *60 0.' 60 - 5+8' *+6 " 60 '
4+4 ' 06 06. - *1*' .6 8' : ." 41' 5 .0 4 1' - .6 - ' 71 6 ' 5 14 ' G - 2+8' :0 2 8' ,+ - '
5+41 ' 5 ' *4 .4.0' *,+ +8' 0 "06 ' 5" . ,+ 6' - 04 .' 0*60*6 . ' +6' 51 1' 3+ 40 .' 0' 50 '
90 0*6 ' 04' *+"" .8' + 208' .+6' 5 1: *, .8' 60*6 0+6' ' 6.*6+ - ' ,1* " .' 06' ,1*.6+8' 71 6 + - '
0/' 5 15 *3+1' 50,+".2+*4 ' 0/5"1 . 0*6 ' 4+ - ' + 6 +8' .4' ," . "%0 - ' . , ,040 06' 6' *03+0'
6. - 0*' 1, , . 1*08 ' ' 3+.0' 4. 0*6+ ' 0 ' 20*09060*4.05 .060 - 660 0*6+ ' %0+51"+8'
.+60 - ' *' "5.7 . - ' 5 1 04+8 ' ,+ - ' 0 - ' ,+<+8' 0 91' - "%+8' 0 .6' ,1* 04. 3' 1 J0* '
4 06 ' *0' *0' ." 3+1' 5 06 1' "09.6 1*0' 40 +*90 06+ ' $7 " 55 ' .* - + - ' 60*6. 0' * 6 6 6 '
3+.*413+ 40 - ' 6. *' 0 1' ," ."" 8' ,1* :0* 06 ' 06' < . - ' 0.' - 1 .' +50 1 2+8' .** 8' - .9?'
*1 + .' 4. - *1 +* :0.+ .' 0/6 6 %06 ' ," . "%0 - ' 0/6 .' 4 6 1*08' 3.8' ' + 6 1' 0/504 60' : '
40 06+ ' *' 71 6 ,1' 7;20 * . 0' 5. "+ +8' 0 06 ' G+14' - +"6 8' .6 1* 2+8' 0 5 0, 2+8' 0 '
50 +.406, ' ,1*.6+8' 0 6' *1*' 6. *' 0 ' 126 *0 *4.0' 50 ' 3+. - ' :1"+*6.6 8' 0<+8' ,0 6 +8'
0/5"1 .*4.0' , .+ . ' ' 4' 7.0, ' $7 " 55+8 ' ,+ - ' 40' +1' *' 0 - ' ,1 - - +*0 - ' 09 09 1' 6+4 1'
50 *<+"6.' 4 / "%06 ' *0, ' *,1 - - 14 6.608' 9 . : - .8 ' 3+ 2+8' ; 08' +.0' ." 8' 1, 8' 4 6 '
*0 0*6+ ' 6. ,+ "06 ' *' 51 60 + - ' - +"6.' 51"" , 6+8 ' 40' ,1* " 1' *' 71 6 ,1' 7;20 * .*4 '
5.6 + - ' .4' 40" 20 .*4+ - ' 51 0 6' 5.+, 3+0' 51 6' 4 02+8' 50 ' 0 2. - ' 0 51*406 ' 5 .0 '
,058' 40' 7;20 *.*41' *' 71 6 ,1' ,1* " + - ' 2 - * - 0' 5 12. ' 5 1 *40' ""+4' 05+ '
4 . 0 ' . , ' 6. 0' 0*60*6 . - ' +6' ,". 8' 50 .41' 0 + - '90 0*4. + - ' 60 - 51 0' *' 1, , 40* '
60 *' 0:0 6.6+ ' G+1' 40' 0 51* 1' +2 ' &0*06 8' ,19* 6+ - ' 0 6' 01' - .<1 ' .4' 5.48' ,1*B
" .' .* - 1 + - ' *," * .6 1' *0 - *0' < . - ' 05+9*.*60' .4.' 0 6' ,7.0" +8' ,+ - ' . - 2 9+1'
. 090. , ' 09 *.' 0 51* 1' 4 - "%+8' 0 6N' 09 0 + - +W. + - ' .6 1*0 .' ,1* 6. 0' *03+0'
6. - 0*' 0+ - ' 3+ 43+. - ' .4+ + - ' 3+14' 0 ' 7 6 .*.0' .+6' 5 1 + - ' 0 5+2" .0' 3+. - '
5 .0, 5+.' 0 - 50 ' 20*0:2"0*6 .' 5 1 0, +6+8' 6' 406 - 0*6+ - ' . 0 0' 51" 6' .0, 6.'
5." . - ' .5+4' *18' .4. ' *' 4' 1 - *0 - ' ,+ . - ' 0*.6+' 51*0*60 ' *0' 3+. - 3+0 0". + - ' 1, '
, . 1*0 - ' $7 " 551' 4. 06 ' .+6' 06 . - ' 5 +8' *,1"+ - 6.60 - ' *09" 90 0' 06' *1*' 1 - * '
1 , 1' . - , 6 . - ' 0<+8' 0/5060 0' : 40 06+ ' &0 + - '"1*90' ." .' . , ' 5 .0, 5+.' "09.6 1* 8 '
04' 1, ,+"6.' .6 1' 0 .6 ' +6' 090 .' 4 . 0*6 ' 5. 608' +.8' 50 ' .*, 0+ - ' U' 1."" + - '
3+0* 0 - ' *' %. 20"" 8' 05 015+ - ' .5+4' (0" - + - ' *60 51*0 06 ' +6' .03+ 8' ,1*4 6 1 '
"+2+8' 5. ,0 - ' .2' 01' - 506 . 0*6' < 3+14' 06' 0/' 04+"1<0, 6 ' 013+0' *1 - *0' - .9* . - '
9 .6 . - ' .2' "" . 05+2" , .' * ; 6' *60 0.' ,". 8' ' 1 , ; .' 09 0 ".' 60 06. 5' *60*4 e'
,+* 3+0' 9' 057."0* . - ' .55+" "06 ' - 40' .67+ *+ - ' 7 (,+6+ - ' 1 - 09. . - ' ""3' - . 6'
. - 1 + - ' 03+ 60 - ' 0/5" .6+ - ' 5 .0 - 66+*6 ' 3+ ' - 5 9 0' 6 *0 0' .41' 5 5 - 1*61 + - '
' . 0. - ' 60*+ 6' < +2 ' 0/' *,1" 8 3+ ' 1" ' 0/' 616.' ' $0"151**0 1' .050' 70""1' 506 6 ' ,+ - '
L' ' "1,1 + -
: 5 6 , 0' , I (' ' 0 ' , $' , $' ' ' , W# : '
! + ' 6 (' V .(+0' ' , ' , % ' ' N '] D L' ' ' '

2E +*ʿ *.,,0 " 2 " + - ʿ6 # ##ʿ6+ - ʿ5 15 .ʿ #ʿ: 6+64ʿ6+6.*608ʿ *+7, +.*ʿ.4ʿ<6ʿ @ 0@`
9+ - ʿ.,, 5 0*4+ - ʿ.%+ , 8ʿ,19ʿ526+0 +*6ʿ619*1 , 6ʿ,". "0" ʿ71 6 "0 - ʿ,, / /ʿ*.: + - ʿ ʿ
3+. + - ʿ 5"+ 08ʿ - *1 8ʿ :ʿ6*.<1 8ʿ 1 - .0ʿ0 "0*6ʿ 06 1ʿ .4ʿ 5 1 71*61 + - ʿ *ʿ51 6+
< 5 4.+ ʿ3+.0ʿ+ 28ʿ0 6ʿ *ʿ +ʿ# 91" ,1ʿ ʿ .":. .ʿ:+"91ʿ4 6. ʿ ,1* 04 "0ʿ G 2+8
02+8ʿ .6 8ʿ 0/5"1 .6 8ʿ 1*"09. +8ʿ660ʿ 0506 6ʿ< 06ʿ ,". "ʿ 7 6 .*.0ʿ 3+.0ʿ<. - ʿU 0
671*0*ʿ 50 .:0 .6ʿ12: +(ʿ . "8ʿ3+.0ʿ ,0 61ʿ ,19*1:0 .6ʿ<0/51* 6ʿ *40ʿ ʿ ;670 . -
* +". - ʿ60 + 6ʿ *+ U ., 1* , ʿ12<04. - ʿ0ʿ 09 1*0ʿ ."0.0ʿ5 1 - 1*65 ʿ 3+14ʿ
91" ,+ - ʿ.ʿ .,1* ,1ʿ4 6 *9+ 6ʿ 061ʿ: "ʿ, 1ʿ5. " +*ʿ .ʿ ,1*6 *0*6ʿ4 , 06. - ʿ 3+.0
51 6+ - ʿ7 .206ʿ *ʿ".60 0ʿ.ʿ5 1 - 1 61 1ʿ .:0 1ʿ +6ʿ0/ʿ01ʿ5 1 - 1*61 1ʿ0/0 *608ʿ*.:08
,1* 5 , ʿ*1*ʿ51"" *6ʿ.ʿ, ,+ - <041 + - ʿ ,15+"1 + - ʿ 50, 0ʿ ʿ .91*0 . - * ʿ *1 - *0
*4 61ʿ *ʿ01ʿ51 6+ʿ,+ - ʿ,"."" 8ʿ50 * 4."%06ʿ51 60 1ʿ4 0ʿ .4ʿ.3 . *ʿ + - 0*4. - ʿ0/ ,0*
61*0 . 6. ʿ3+ *ʿ 50,+"8ʿ0 .*6ʿ ,". 0 - ʿ71 6 "0 - ʿ0ʿ51 6+ʿ5 24 0ʿ<. - 3+0 +50 .61
$ # ʿ " #ʿ, ʿ ʿ ʿ ʿ ʿ % ʿ ʿ ' ʿ)
,1*,". - .6+ - ʿ0 6ʿ ,". " 3+0ʿ 1 6 .ʿ 6.6 - ʿ09 0 6.ʿ6 5" ,0 - ʿ., 0 - ʿ * 6 + 6ʿ170 . 8
06ʿ - .<1 8ʿ 1 - .4ʿ 0 - 2+8ʿ5 .07 "8ʿ) 2 ʿ *ʿ ,1*"504)6*ʿ ."60 .ʿ ."60 +8ʿ :0*
%+ , ʿ1 4 *0 - ʿ *1 6 .0ʿ ., 0ʿ1*0 .6 .6) - ʿ5 .0 4 1ʿ - .6+ *ʿ ,1*60 - 5". 6 ʿ 3+. - : 8ʿ
7+ - 0 1ʿ +50 1 08ʿ ,+ + - ʿ 7 2+0 +76ʿ703+0ʿ *1 6 ʿ 7+<<.0 1ʿ * 0 1 08ʿ)"60 +8ʿ
5 19 04ʿ6+6+ ʿ0/ 6 - .:0) *6ʿ 6.3)0ʿ0ʿ *: ,0 - ʿ61 - 0*61 +6"ʿ "2+8ʿ".,0 60 0ʿ,1* ʿ
60 6ʿ4 0 - ʿ0/6 . /0 + 6ʿ<%+ ,18ʿ6.* 07ʿ 0* *ʿ ,040*60 8ʿ *1 6 ʿ * 0,+6ʿ +*6ʿ ʿ40 "ʿ
ʿ1,, 40*60ʿ<. - ʿ 1 0ʿ,"."" 8ʿ *ʿ) 40 - .91*0 . + - ʿ5166+ - ʿ0ʿ 0005 7ʿ 6ʿ)"+C." 8ʿ
%+ , ,.0,". " 8ʿ4+/ʿ1 - " . 7 6 .*.,". "0< 60ʿ1,, 40*60*"ʿ:0 "+8+.5 6ʿ 1"+ - *.ʿ
,1*") 1ʿ4+,+ 7ʿ.4: .61ʿ$06 + 6ʿn$. 4+7ʿ "5. + - ʿ7 66 6ʿ.4ʿ + 6 + - ʿ3+0 *ʿ6+*ʿ
1 ,; . - ʿ;0* "0ʿ ,1*<04+ .ʿ0 .6 ?16.6+*" ʿ +6ʿ50690 0ʿ 0 6 *067.*4ʿ4+2 0ʿ0* -
ʿ6 0 - 2+8ʿ3+.8ʿ7.2,.6ʿ 0" 3+.0ʿ,". "ʿ.4<+*4 8ʿ 50 - ʿ0 4ʿ71 6 " 8ʿ,"." 8ʿ3+.0ʿ
*ʿ5. ʿ" + 70 1ʿ 0 - 50ʿ*1 6 .ʿ * 0 1ʿ +6+ .ʿ" 6ʿ1 - * *1ʿ40"0*4.0ʿ 5 ʿ" 6ʿ,0"0 +8ʿ
0,+ - ʿ + 6 1ʿ ,1*<+*90 0*6ʿ 60ʿ606 1ʿ 0"09+*6ʿ06ʿ ,ʿ 4ʿ(0/6 "ʿ3+ʿ4 08ʿCF .66ʿ
0*6 1ʿ4 4+8ʿ0 6ʿ *ʿ."6+ - ʿ0:04 ʿ,+ - ʿ5 1 - 1*61 + - ʿ %.0*. + - ʿ5 .060 :070 0*6+
ʿ.ʿ,"." 0ʿ%+ , ,.ʿ,1*"5 , *6+6ʿ3+.0ʿ 6.6 - ʿ.3+.6 1*0ʿ1 - ".ʿ., 0 - ʿ 6 + 6ʿ*0,ʿ*1 6 ʿ
,0 6. - 0*ʿ40 04.*6ʿ< 0,+*413+0ʿ:0761ʿ+60*608ʿ06ʿ1*0 . .8ʿ5 .,ʿ 0ʿ.90*6082+ " 6*ʿ
*71 60 - ʿ4 9+*6ʿ 04ʿ:0*61ʿ3+ʿ 0,+*4 - +8ʿ .4ʿ . - ʿ71 . - ʿ ".:0 .6ʿ018ʿ40 0ʿ
60*60ʿ ,+ - ʿ06ʿ60 6 8ʿ,1** 60*4+ - ʿ0 "06ʿ 06ʿ1*0 . .0ʿ 0 - +",1ʿ6 .70*4.0ʿ)"+C." 8ʿ+,ʿ
*0 . .8ʿ.ʿ,"." 0ʿ" 6 .ʿ4 : 40 6ʿ6. *ʿ5 15 *3+.ʿ+6 .3+0ʿ,". 60ʿ+6ʿ ʿ(+50 .76 +8ʿ<. - ʿ
,"15506 8%+ 4 . 6"ʿ *,0 "0 06ʿ. 6+ʿ+ +8ʿ0 6ʿ06ʿ 06 1ʿ,040 0ʿ,105 6ʿ * 03+06 6 2+ 3+4ʿ
61 6 8ʿ3+ ʿ5 1 .,1*:0 . +9. - ʿ5. . 071 60 - 02.*6+ ʿ,+ - ʿ<. 6ʿ1*0 . .8ʿ"1*9,ʿ
51 6 0ʿ 0" 3+ " 0)6ʿ 7+6.61ʿ,+ +ʿ)"+C." 8ʿ *, 6.61ʿ60 - 9 1ʿ *,3 - ^6ʿ 0 13+0ʿ0 1 0ʿ
.9*R1 *1 6 +6 + - ʿ *7 20*6ʿ< 06ʿ<. - ʿ6+ 2.6.ʿ ., 0ʿ06ʿ ,1* +" 8ʿ1 4 * 2+8ʿ ,0402.*6ʿ
6+ - ʿ 1"+ - *. ʿ+6\ʿ50 ,+"1ʿ.ʿ - "ʿ +9.0ʿ 0,056+ʿ5 .0:0 60606 .+4./ʿ,1*"" + - ʿ,.5 6
! ʿ #G5 #ʿ$ ʿ ʿ ʿ ʿ$ ʿ ʿ ʿ #ʿ - ʿ
G !H # ʿ ʿ ʿ ʿ$ # ʿ ' ʿG ʿ #ʿ #ʿ ! - I ʿ
$ "ʿ # #ʿ #ʿ ʿ, ! ʿ ! ʿ
ʿ # ! # ʿ& #ʿ ʿ ! ʿ ʿ$ # 6ʿ =ʿ$ = !
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ʿ #ʿ=ʿ # ʿ = ! #!ʿ, ʿ 6ʿ #$ ʿ ʿ ʿ J
, ʿ ʿ ʿ Kʿ) ʿ
0ʿ ' ' 8 . / ʿ + 6 +8ʿ 0 ".*.ʿ 1":0*8ʿ 1 ,;6. - ʿ: *0 .6ʿ ,+ - ʿ ʿ6 0ʿ 0ʿ
- 2+8ʿ06ʿ "ʿ 6 .<1*8 1 - .0J"1 0*6 * 8 3+ 2+(" T* +8Dʿ 5 .*+8ʿ5 .00 .6 ., - +"6 8ʿ
1*0 . 8ʿʿ,6 *40 0+,.40 - ʿ+ 6<+0ʿ5 1,0" 0 .6ʿ+*40 0 6.*60&0*6 ʿ + +8ʿ *ʿ 16,; .* ʿ I

0<0 6+8 0 6 ' +2 ? $. 4+8 . 1"+ - * . - "+8 0+ - ,17 : 0* 6 ,+ - 3+0 3+.0 90 6. 0 .* ;
3+ 2+ 3+0 5 0 *60 +0 .6 *. . "06 .44 6 5+6. 0 4 ,". ""0 8 60 + - ,1*9 0 ".8 43+0
0/ ,1*6 *0*6 50 - +"6.8 71 .8 61 - 0*61 + - 3+0 - * 6 *0 0 0/.+4 0 6 1* 6+ ,1*
< ,0 0 G+. 0 01 - - 16+8 + 6 +8 " 1* + - . ". *+ - ,+ - 4+.2+8 0/504 6 8 6
0 - 2+8 5 .0 - 66 6 3+ 6 *0 0 .56 - .41 01 + 3+0 *:0 6 9.2+*4+8 5 1,04.6 !
4+ - ,0 6 1 . 06 0/5"1 .6 1 . 40 7 6 . * . ,". "0 ,19*1 , .6 "R =. , ; *67+ - 5 .0
60 :04 +8 ,+ - *1 6 . - ,". "0 - 5"0* 8 :0" 8 ,1*6 . :0* 0*60 - ,0 *0 06 5 1 .8 ,1*B
6 *+0 ,1* :0 6 6 *03+ ,3+. - 0,". - . *60 * .+,"0 1 &0*061 0 - . 6 - .0 50 61 06
* 0 6 . - 71 - * 8 *, 05. *60 3+ ,". "0 - 0. * 7 6 . . - 0/ * . : 2+8 1*0 . 8 3+
2+8 71 6 " 8 , . 02.6 *1* 0 "0 .* - .4 : 0 60 06 &0 + - 0+ 5 .0 " :1 0 :0 7+ - "
6.60 - - 1*0*6 8 50 *0*8 . ". *+8 *1* .+4 : 6 ' 04 6 05 4. +9. =. , ; *67+ - 0 0
,56 . ,0 - 3+0 3+. *6+ - *6 - 0 5160 6 +2 6 1 71/ *1 6 . ,". 8.55+" 6 06 .40
* . : 9.6 1*0 *140 - 4 0 - 3+0 ,1*6 *+.6. 057. "0* . - 0 ,1*6+" 6 " 2 ,+ - + 6 + -
0/ 504. 0 1"+ - * . ,1* 6 6+ 06 . "%. *+8 .4 0+ - 0 - 66 6+ . , 50 " 60 .8 + +8
+6 . , , 0"0 06 19.6+ (04 "R :0 0/ 0 :0 0/ 4+, + - ,1* " 1 50 ,+"+ - , .+ .6+8 ?
6 6. * : , *1 71 60 ,+ - 0/ 9+1 6 0 - + - *+ - 0 1 0 0 + - . "0.0 ,1 - - 660 06 1
"+ - * .0 06 J+ 0. 0*1 3. . *4.6 < +6 ,+ - ,". "0 .4 0 3+. - 5 - + - . , , 04. *6) 2 ""
- 50 8 ,1. 6 :0*0 +*6 5 4 0 S. (056 6. *6+ *40 - 5.6 02+8 90 0*4 8 406 .41
+ +8 3+. * - . *4.6 8 7.20 06 + 6 +8 1 - *0 8 - 1 .0 *60 51*0*4.0 1, , . 1*08 0
4+"1, .56. 0 *1: 8 +21 6 8 *60 0+ - 06 J+ 0. 0*+ - . "60 , .6 1* 2+8 - +"6+ - 60 -
51 8 ,1* + - 56+ - 0 6 ,+ - + 6 +8 ,". "0 - &0*06. - *1* .6 8 (0"". 61 2+8 *
" +4. - 4 ,0 06 5 .0 0413+0 * 6. 06 +6 $7 " 55 6 8 ,15 8 +.8 6 0 - 0 8 +55"0
5.60 06+ ,1*6 . *09. 06 J+ 0. 0*) 8 ,". "0 - +. - . " 0* 8 ,15 8 090 0 3+.0 2 8 01
. * *1 %+ , , . - +9* "06 (04 ,+ - *1* . " 60 0 +"60 +8 5 1,0 "%+ + - + 6 +8 1 60*
40 06 1"+ - * . 5. 608 +.8 *60 51 + 6 ' 0 - 3+0 6. 6 .* 09 6 +6 &0*06 ,15 .8 0 51*
6 , . ,". "0 406 . 6.8 .4 +55R - 0*6+ - . , , 50 0*6 * 3+. + - "1,+ - 5 0 20"". 61 2+8
5. * 8 5176 , . - +55R 06

& . # ,+ - 40, 06+ - 0 "06 0/60 - 5"1%+ ,18 20""1 05060*418 1*0B
. 8 .4 - . <1 0 - ,0"0 6.60 - 0" 6 8 3+.0 6. - 0* =.4 ; *67+ - + 3+0 5 1,040 0 2
3+0 + 6 - 50 . 5 .0 61". <+ ".0 " *6 * J 4 (056 1" : +*6 06 ,+ . - . " .8
$. /+ - 4 6. - 5 - 1 :0* +*6 06 2 4+1 51 6 ,+ - :0*61 . " 3+. *6+ - "+4.6 5 - 8 0
*60*40*6 2+8 60*02 8 057. R* . - 60*+0 +*6 ,+ - 0 0 : "0*6 * 6 *0 0 %4 018
,1 - 5"+ 2+8 0 + - - 1 21 ,1 056 8 5. : 418 * 9<+*, 1 51 6+ 0 ,1*6 70 0 *40 51 6
2 4+ - 1 . - * 6 +0*4.0 06"+ 6 . *4.0 . , 0 * + - 56. - +2 :0 50 . - 5 .0 : . " 41 :0*61
". *60 1" : +*6 * +0 6. - 0* ,10" 20*0 , 1 + " *6 *0, +"6 . ?# (6 157.4.8 0. *140
5 1,0 " - 0 6 6. A1. * *0 . 41* . 06 . " 8 9+20 * .61 2+8 $7 " 55 , . + - * . : + - +.
40*6 2+8 ,+ - ,1*6 . 1"+ - * . 06 J+ 0. 0*+8 *+ ". - 0 0 ,+ +8 ,17 20*4 , .+ . -
4 ,0 0*6 " . 3+ 550 6. 4 6.60 71 60 - 0 - . * 2+8 0 - 66 3+ * 51 6+<+*, 1 - 5 1: 1
155 0 "78 (0R 516+0 6 * 0. * +". 3+.0 . 51 6+<+*, 1 / / / 5. ") +* 4 6.6
616+ - 4 0 - +2 60*4+ - + 6 *0 .2 71 6 2+8 ,1* 5 ,0 0*6+ 40 *40 +2 *140 - 60
0506+*6 01 ,1* " 1 +6 6. ,+ + - - 140 . 0*6+ +6 5 - . "+, 0 ? 0671*0* .550R
"0 0*6 3+.0 + 28 : 5. "++ - , 1 1 0*60 - :0 +8 +"6 . 51 6+ - <+*, + - 06 ,". "
71 6 " 3+.0 5 1 ,0 61 , 0402.6+ 616. .+6 - . <1 0 - . "60 - 5. 60 - 51 6+ A+*, 1 0
60*0 0 60 .4 0671*0* *60 ,"+40 06+ * 3+. +* . 6.6 1*0 . , 8 5 .0 4 1 6+6. 0 "0
5160 .6 . 7 6 . *1 + - : 2+8 . " 2 7. *4 4+2 0 5 1 " 9. *4. (04 + +8 70 , :0
* 0 6 . 9+20 * .61 8 :0 . 04.6. .2 + 6 1 6. 4 6.60 50, , .6+ - 0 6 . - 5 .061 .
,+ - 60 04. 1 6+ - :0 +8 *60*40*4+ - 0 06 *1, , . + - "0/ 6 06 5 1 01 +6 0671*0*
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% $ 4 . /& . ' / % > /- ''
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+ 6 Ӏ

5 ' % 6 ') ' * ' ' 7

6070 06 ' ,+6 ' *60 ' +,08 ,1*:0 0 .6 'V$ 16,* ' * +". * '3*.0 : * '5. ++67 ' ,6 . ' $ *?
<2 6+- 'A+*,+5 ' . '5. 60 1,, 40 6 8 0 6 ' .55+"6 ' "20 1 ' .0 6+61 '4.61 '51 6 ,1*"504.6* ' ' '5
1 6 . - ' ,". "0 - '71 6 2+8 ' 3+ ' ' 6.*6+ - ' . 0 8 <.202.*6 ' 0671*0* '06 .4 0"
3 . - ' ,". 0 4 '6 0 - * '13,+ 0* 0 <0,056+ ' .35 '0 1 0 *14+ *1 ' .9* 6 < 1"+ - *.
+6 0+ - 0 - 0*4. 06 ' + - - . ' 0 5 9 ' : ' ,1** /+8 0,040*60 8 4 + ' * 0,+6+8 0 6 ' 06 ' ,+ -
." 3+16 0 / '71 6 " 2+8 . ' 0" 3+./". "0 .2 ,040*608 5 1 .8 12:0 6 "0 6 ' *1* '6. - 0* ' ,1*
" /0 . :6< 04 ' - +6+ 8 0 6.*6+ - '61 - 0*61 + - ' 4 2+8 ' ".,0 "0*608 +6 .3+0 ,". "0 504.*6,
*03+0 + 1 ' 0 ' "1,1 ' .1:0*60 ' 50 ' ." 3+16 71 .8 ,1* 6 60 +*6 ' 9 6+ '40 50 .6.5+9*R.
*1 6 '6+ 2.61 ' .,0 '1 4 *0, ' 0*+ .8 60 +0 0 < 3+. ' * ' * +". ' . 5. 60 J.:1* 1 ' .:0 ".
3+ '6+ * ' :070 - 0*8 .4 - 54+ - ' ".2.6 ' ,+ - ' * ' .*,1 8 6. 0 6.6+ "0*6 ' 71 608 1"+618
1 4 +08 ,1* 5 ,.6 ' 0,040*6 2+8 * 6.*6 ' &0 + - ' ,+ - ' *1 6 ' 6 * ' 7 8 60 - 51 8 .*
9+ 6 8 ., 0 - '3+. - ' ,1 - - 140 0 ' 516+ 6 * 6 - / 0*6 ') " "C." 8 50 '3+.0 " + - ' .6
6 ./0 .6 ' ,+ - ' *1 4 *.6 8 ,1* 0 0*4 ' ,0 6. - * 8 + 6 .6+8 ' - 506+ - ' + 6 *+ 6 ' *40
1 6 ' 0+".8 0 ,1 0 +*6 '0/ ' .4:0 1 0671*08 0/ 9+1 ' 0614 , 06. - ' . ' ,1*6 *0*6
* +". - ' 06 ,+ - '51 6 4 0 .4 .3+.*4+ - '<+/6. ' ' 1 1*0* '3+.0 +"6 . ' 0671*0* '1 6+ -
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- - *06 ' * 0 "%1 '06 *40 4 5"1""1*0 * ' ,". 60 - ' +2<04. - '4 04. ' ,+ - ' 50 - '56 9*.4
5 .0, 4 "0*6 ' 7 6 .*. ' ,"." 8<+*,+ - '51 6+ - ' . '%+ , 8 0" 4+ - +2 6 ' 2 3+0 " 16+8
*,1". - - '3+1 + - ' "" ' 50 - ' ., 02.*6 ' .63+0 1*0 . .8 3+.0 U=.,;*67 +2 6 60 .*6
1550 ' 6.6+ 6 ' '3+.8 06 +55"0 - 0*61 ' - "6+ - '06 ,1 - - 0.6+ ' ., '20"" ,1 ' .55. .6+ '1*+ 6.8
.*60 1 - * . ' .,,0 '5".,+ 6 ' - 8 / / ' 6 0 - 2+8 ' 3+.0 "".8 ' ' :0*6+8 40 6 6+0 0
"0 - +",1 '6 .70 0*6 ' $1 63+. - '1*0 . .0 .4:0*0 0 ' .4 : 'S." ' 4 ' ,1* "6.6+ ' *60J
4+,08 '3+ 4 ' *, *.6. '<. - ' .** '60 - 50 6.60 '*0 *0 ." 3+3 5 06 1 '4 ,340 0*6 ' .90*4+ -
0 "06 ' 0 6 ' 40 ' 0671*0 ' 3+.0 .*60 1,+"18 :0 .2.6+ ' 155+9*.*4. ' 06 - 1*0 "*<041
:. .6+ - ' 0*60*6 8 0 6 *60 ' 1"+ - *. - '06 *61* + - ' + . - ' 5.*1 . - ' 6 50*
4 . + - ' ' ,+ - '7 0 ,+ - '616. ' ,". 6%0 0 - '90 0*4. - '4 ,0 06 ' ""0,". 0 - ' .4 51 6+ - 'A+*
,+ - ' +24+,0*4. - ' 06 ,+ 6 ' 60 0 6 2+8 ,15 8 ,1""0 - ' (('&0*0 .*4.0 ' 0/ '3+1 '1" -
%+ , ' + 20 - ' :0 20 .:0 .*6 ' * 40*4+ - ' ,1*60*40 06 ' + - ' +6 *3+0 - +"6 8 .6 1
* 2+8 5+9*. 06+ ' *03+0 *60 ' 0 ' *0 - 04 . ' 3+ 40 - ' 0*60*6 . '5 151 6. ' 1*:0* 0
51 0*6 ' * '01 '6. - 0* ' *1* '4 402.*6 ' <. - '6.*6+ - '60 - 51 8 0".5 + - '0 "0 ' +6 + 6/ 1
' ' * ' ' * ' ' - ' ' - ' (' '$ % ,
+6 .4 + . ' 0 3+ 3+0 - .6+ 0 0, 50 06 ' %+ * ' :0 2 '&0*06 ' 3+. ' * '0/6 0 - . ' 0 + -
+. + - 40 50 .6 1*0 '5.". - ' :1, 0 . ' 0 .0 + . '71 6 2+8 5 14 ' 0 - 3+0 &0*06.*
1 - * *1 ' 2, 1 + - ' ,+"5. '0:0 6 ' + 6 +8 ,1*6 . ' .* - ' .*9 '3+ '06 0, 06 8 - .*4.6 8
2 '5. 0*4+ - ' *0,0 ". 1 '0 "0 *60"" 90 06 ' 06 6. - 0* '71 - *+ - ' 0* 1* 2+8 - 1:0 06+
*40 0,+6+ 8 ' ' 6.*61 ' ,1*.6+ ' *+"". ' 0 ' *1* ' - 140 '90 6. ' 04 *0 60*6.6 ' 1 6+* 8
0 5+2" ,.0 &0*06.0 .4) 4 8 *1* ' 2:0* 06+ ' 9 6+ ' .:. *+ - '255 4+ - ' 3+14
$;"+ - ' + "0 :060 2+8 , 04 6) ' ,6 . ' 0671*0* '1,, 40*60 - ' :0 +8 * ' 0.40 - '1 4
6+ - ' 4+, '5".,+ 6 < 43+0 - .9 8 *15 . '516 1 8 ,1* " ' 3+. - ' 3+14 0. ' + 28 .6 (
4 9*+ - ' - 1 .0 5 06 + - ' : 40 06+ ' +<+8 155+9*.6 1* 8 ,+ . '40 - .*4.6. ' "0/.*4 1
D ' * 'D % (' " ' ' # ' ' ' ' * * ' ' ')%
5 .0,". 0 '90 6 8 "1*90 +50 .: 6 '%1 - 0*6. ' * '60 . - '0/51 6. '"1,1 ' 41701 ' 6.6++*6+ ?
> ' 155+9*.6 *0 - '0/ 'A1 057 ' 1* ' . ' - .9*1 ' 6 + .0 4),0 - 'A*90* 1 ' * .,7 *. '
3+.04. - ' .2 ,.6. +0 .6 0/ '4+.2+8 6 0 - 2+8 , *<+*4 8 40 - 561 *60 1 0 0 *4 + -
s \ & ' ? L ' ' ' \ 4 4 70
- ! / 'G " /4N ' : '4 ' ' - ' ' + # ' ' ' '1 ' ' ' ' '
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_iT ' ' < 4' +E ' %)

'1 4 *0' 3+.0' * +"6.' 71 - 1' 0 066.' .,'6.2+".60' ,1 " 6 .6.' + 6 *0*4 8' + ." 2+8' 61
' - 0*6 8'5.' 0 06< *' 3+. - ' : '21 - 2. 4.0 *51H .0I' "04' .0 6+8' : 5R*6 .' 06' <.4.?'
6 1*0'.401' *,0 6' +8' 0 .*6' +6' *+"" ' + + ',1*.6 8' +0 6' %+ *' ." 3+16 08' *6 *3+0'
5+9*.6+ - ' 3+0' ,0 6. - * 2+8' * 9* 8' 5 .0, 5*0I 150 .' $.+" ' (2< 66.N' + 6 ' (04'
,+ - ' - .9*1' 06 1 0' 60 ' 3+1' .+/ " .' 12 0 8' + - - 66' 5160 .76' *+"".' .6 8' :."4.?'
7 6 .*1 + - '"".6 1*0' * 40 06+ '0.' 0' . 6+ - '0 6 I+6' 0 .40 - '*140 '3+.'*1 6 . ,". " 8'
' .:. *' 51 6+ - ' *6 .: 6' ' 40"041 +* ' - .*+8' *0' 00 6. - *0' *' + 20 - *6 1'
'4+4.' 6' 00' - *+8' *'.*9+ 61' 08' 71 6 + - '0 .*6' . - '2' + %. - +8' 5+ 5+ .6+8' 06'
(, .+8' 9.'PE .0, .0' 5 .061 '3+' 1*. 60 ' - 04 60 . 0.' .,041* .0' + 20' ,+ - '
60 0 6 2+8' ,15 8' 0 .*6' .2') "+C." 4 +' .*60' - 1* 6 ' : / '6.*40 - ' - .9* 8' 6 *0 2: 8'
,+ - ' .4' 4 ' (056' 60 *9 0"" '0" 0*6' 4 " ,+"6.60' : . + - ' 06. 4.6 ' ,+ - 03+ 6.6+'
2.+4', 6 +8' :' 4' 4 ' .4' 5 + - '50 :0*0 *6<"1, .6 3+0' .4' .:. *+ - ', . 6 8') "+ '
C." - ' . 50 0' *, 05.*6' 3+ ' 0' 60 - 0 6.60' +.' 06' - 50 .61 8' 08' *' + - - .8' .*9+ 6 .8'
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.6 '.,'5 .061 8' ,15 .8' 3+14' ,"."" 8' 0" 3++ - ' ,,0 .6' 1 - * *1' .2 + - 5 0' 4 ,02.*6'
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- *1 0' - 1"0' .,'"0: 1 2+8' 40' ,.+ 8,1* ".6.0 - +"618 .05012 +618' , 06 *R 1' .4'
""1 + - '<+ 9 .'5+ 9.6 1*0' 1 - ".'* 7 " ." +4' 0 51*4 6' 3+. - ' 08' 20") ,.8' *1*' *' :0 2 8'
:0 6 '*03+0' 4 "5+6.6 1* 8' 04' .4 1* 8' 60 - 5+8' 5 .0 0*8' 0 0' (04' ,+ - '51 6 0 - 1' 08'
%+ ,1 + - '01' 40:0* " 0*6' +6' ,1* + - 56.'616' ,15 . + - '60 60 6 + - ' .,'*.:." + - '*1*'
.*605 1: 1 +50 :0*6+.**1*.' .4' 0/6 0 - . - '1 - * + - ' 0 + - ' *15 . - ' 04.4' . - '
5" +8' 4+ . 0' *1*'51"%0*6' *03+0' 6. - '5 15 *3+.',". 0' *1 6 .') "+C." 8' 0, 5 0*4' 0'.,'
,"." 8' 0 :.*4.0' .6 1*0 - '0/504 6. - ': 40 06' 6.*40 - '4+ - ' .,+*4 .' - 50 .61 8' 40'
0 :0 06' G* " + - '6 .< , 0*4' * ' ,. - ',+ - ' / / : '6 0 - 2+8' ,+ - ' 3+ 2+8' 2'
50*4 .' ., 02.6' ,05 6' ,+ - 3+0' *' 01' 0" 06' +6' ,".*40 6 *.' +9.' 0' 0" 4.',"." 0' 0" 3+.'
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ʿ.**18ʿ *ʿ ,71".ʿ 1 - .*.ʿ - .9*1ʿ,1*,+ +ʿ5 .0"09 "06ʿ06ʿ - 04 , *. -ʿ 0" , - 0
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4 6+8ʿ0 6ʿ A1.**08ʿ2ʿ 9‖0*60 +8ʿ3+ʿ(.": .*1ʿ< *9.6+ ʿ0/ʿ 6." 8ʿ +50 0 6ʿ2ʿ . 6 1
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. - . -ʿ - .9*1ʿ,1*,+ +ʿ +606 .0ʿ.,ʿ" + 4 9.".0ʿ40 *ʿ06 . -ʿ ʿ 1* - 2 , .0ʿ.ʿA1.**0
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' 4. 08' 3+' *+50 ' 1* 6. *6 *151" ' :0*0 .6' +,,0 1 ' .4. - 1' - "%+8' 60 6' 6' . '
:0** . - ' , *,04+*6' ,15 . + - ' +. + - ' *1*' 6. *' *+ - 0 1' 3+. - ' 90*0 ' 4 6 40*608
.76' 0* - ' : ' , 1' 6 50*4 .' .40*6 + - ' 5. 6 *' %+ , ' 5. 6 - ' . " . + - ' * .6 1*) - ' .,'
5. '*+ - 0 +8' 0/' 5 1: *, . "0' 40"04+ ' 3+1 + - ' *90* .' - 12 " .' 06' ,+ - ' 1 6+*.5. 60 '
- +6. *6 . + 48 - 0 61 +"504.' 0 . *6' 9 6+ ' 4 ,040*6 2+8' 5 .0 04 8' + 28 + 6 1'
" *0' ,0 6 - *0' 5.6+ 6' ' 3+.0' * 7 "1 - *+8' - " 6' 4 5 0*4.' ,1*,0 6.' 0 6' 7+ - . *1 + - '
6. *6+ - ' ,.5 6+ - ' 5 .04.' *60 4 4. ' 3+.0' " 20 .' 4 - "%.' +*6' *' 0.' ,15 .' . **1*.
' ' L ' 0" 4.
<' % $ ' %.Z ' ' ' *0 B # ' ' ' :' , ' ! $'
' &D ' '4 B . ' /' " ' ' ' ' ' 4 ' ' 5 0'
) '.40 ' > 6 ' C% ' N ' '% ' 'B '% ' ' 6
% 1' 6' - ' ' 7 7'

, ! 8 - :

4 6" .' +0 .6 # .,7 * .0 + +"08 , 60 06 61 -0*6. 5+":0 8 - .9*.: 8 $ 6 40
+ 6 +8 + 2 8 - 10* . 06 6+ - , ,+ - 0+*41 + 6 .: 6 . ,0 - 3+0 *1:. - *60 20Z
06 6.9*+5. +2<04+ - "1,1 41*01 .04 ,.60 ,1* 6 6+ 6 6.*6+ - 5.6 + - - +* - 0*6
- 5"0/+8< 3+.*6+ - ,.5 0*4 8 $ * 20"".61 + - + ,0 06 06 6. - 0* $ X .2
4 1 6+6++ 0 "06 G+14 05 , 1 41 .4+ - +6 6+ 2+"0*6 8 60 - 51 2+8 5 .060 %.0
4 . 18 0,056.,+"+ - ,1 - - 14+ - ,060 8 0 06 *03+0 , :08%+*0 6.* 4 :0 1 "06
71 5 6 8 9 .;. 0*65 3+. 0 * 7 "0 6 3+14 09*.*60 8 515+" 8 - .9 *: 18 044.6
(04 4, + 2 8 6+ 06 . , +* * 2 .04" ,.6. + - 1 - . ., .6 1*0 5"0* 1 0 - 0/5",.
6 1*0 - * .**+ - 03+0*60* 0 0 ;. - +8 9 6+ ,+ - ."60 . - 06 *1:. - . ,0 - *B
60 1 0 6.9* 5. 6 1551 6.*N< 3+.0 + 20 - .66 *9 6 0/ 6 + 5".,+ "06 0<+8 ,+ . E.
2 0" (0 20""1*1 09 8 : ,. 1 * ,. ,5* 6 6+61 40 - .*4.6. 0 6 0 3+0 .66 2+6.
/ / + 6."1 + - 9*. 4+,0 $.9.*1 + . 616 40 - 5.*1 + - 4+,0 *4 0. (.".
C. 1 .4<+*41 +51 + 6.41 0*41C. ,+ - ,"15506. 1 + - 03+ 6+ - .". * +".0
3+.0 * 6.9*.0 6 (*19+0 . 5.*+8 - 51 648 09*1 090*41 .,7 - 0608 .%
* 8 330*. 4 / " +8 5 .0 6, 6+ 05+4 .61 - 4. 12 5. , 4 + - 5.60 ** *%+*0 ?
6.* 8 *: 5 3+ 6.6 - $. 71 - + - ,+ - 4+12+8 " 20 8 6 .* :04+8 0 6 +2 ,+ - +
6+ + - .,,05 606 +6 A 60 0<+8 .,7 - 0608 ,+ - . , - 0 * 0 6+8 0 .6 09*1 5 .0 ,,% ?
0 + .*6. .2 0 ,1 056+80 6 +6 0 40 6 0 - 3+. :0702.6+ * - . 0 5 .0, 5 6.
6+ +8 0 06 : / + 4. " 1 3+1 - *+8 4 .,0 06 - 504 0*60 *40 " 0.51" -
.24+4+8 0 6 06 * . ,0 - (2 * 0" - +2 ,+ 614 . 01*<04+8 +2 0+ - .**1 03+0*6<
L : 4 - +8 <. - .4 - 14+ - 0*0 - ., 5 150 14190*. + - +6 0/ . 504+ ,1*< , 5160 .6 <
,6 6. - 0 - ,+ - 7 5 .0 04+8 . , 8 0 ,+ 1 , *4.9.6. *. .2.6 ,+ - .*, "". ,1 -
,+2 *. .+ . 3+16 4 0 6+, .06.6 8 .47+, 41 - 0*60 - ."60 + - 0/ " 8 40 1 - 0*.
,".+4+ - +2 6 :+" + 5 .04 " 902.6 3+0 * 06 * 0.40 - 0"". 0,+ - 7.202.6 3+14
3"60 . 0:0"+6 0<0410 9. 5.*5820*0:1"0*6 . * ,1*, " .2.6 1 - 1 1 06 7 .
:+"6+7+ - .* 6.60 - 5 .0 0 0 0*6 .4 7.0, . - 3 . - 6 .4.*41 + - 06 03+1 + - - 1 *
90*6 8 *0 .0*16 .0 0"". 090*41 + - 50 6 " - 1 ,+ 12 4 " 20 0 50 + 20 - 03 6. 0
50 - 6602.6+ 06 .,7 - 06 * 6 ,. +8 ." 60 6+" 06 +,,0 1 40 9*.2.6+ (0 20"
"1*+8 40 0;0*6+ - ."0 5 .0 .9+8 * 6 3 0 0/,+ .:0 .6 - +"6. 1551*0*8 3+.0 . , 8
0 04+*. - 504 0 ;6 - .60 .0 ,.", X * 6 + - 0*61 + - .2 1 + - 06 . ,7 6041 + -
*15 . - 3+.0 5 - * . "" . .6 - +2 * + - ,+ - 51"" , 6+8 0 06 + 6 +8 51 6 0 - 1
1*38 3+. - : 8 9 .:.60 + ,05 6 8 .4 8 +50 .2.6 3+1 08 %+*06.*.0 * 6+61 ,1"
"1,. 0*6+ +6 0 6. * 6 - . + 28%+ , 8 0 50 06+ 3+14 "" 0 6 , ;08 *0
"". ,0 6. - *0 ,1* 04+ - 4040 +*6 %+ 3 8 3+ 0 .*6 * . , 8 5 .0 4 1 126 +*,.6 8
0 6 *+8 , : 8 3+ ,1 *, : 2+8 + 8 ., *1 8 .+41 . 4+/ +0 .6 + 2 5 .051* 6+ >
M. , 8 ,+ 614 . .*, ,5 : .0 ,+ - 9* + 6* 66 2+8 ,,, ,1 - - 66 6+ 02+8 *
,. ,2* 6 6+6 8 .< 5,60*60<. - 7;0 - , + 6 +8 * (, " . - 04 6 06 *40 0.51" -
,1*,, 6
6! , # (# 8 * % % %A B 6
* ! B ! 6% *
* * * % .!
* 0 * % . * G HH * * %T <
* % % * (. 8 # % *!
** % 6 % %6 * 1C
. # % 0 R . # ,
(% . (* * 8 b ,
C! D ($ % * #
40 0* 1 08 0 0*6 +6 *1* <. - ,"15506 8 04 - .*+ 0 - 90 0 N*6 51 6 ., . 06 12 6 *.6.
: ,0 6. - *.
& , % V . - 5+ @ 1 4
% $ 2 ! 2% 3) " 2 1 " $ 2 " *2

% ,) ' '

0 6. - *.'*1 6+' ,/' ,1 - 51 61'5 .0 64 . '5 15+9*.,. "+ - ' D +, 8'51 6.0'1551* '
#, "'40 0 +*6' / : 'S."' J02' ,+ - '0140 - '4 0'0 +56 1*0' *'2 1 60*2+ 9+ - '3+14'0 .6' ' d'
75 6 + - ' E0 *".*1 + - ' .4. ' - .9*.' /.908'04 6./ %06' $ 4 0',.5+6'71 - * 8'.',1 '
05.6. - - ' *' + 20 - '<.4+' - - + - '0 6' 3+14' 0 .6' *617 ' 'V' " : . ' "" +8
3+I 5*6 + - ' .** * .0'U'S."%1: 1' 5 140*41 + - ' .+41 ' 06' .4 - * 60 +0 .6' .2'
- 60 14. - ' 155 4.* 8' *60 ,056' 06' 1,, ' ,+ - ' .4' ' . 40*0* 0 - ' .990 0 - ' + - '
50*4+ - ' ,+ - '40"04 8' - "%+8'0 "06'+6',1 - - 0.6+8' .2'0.'5. 60' +2:04 1*0 - ' - 504 06'
5 06 + - ' *'0<+8'*0,0 - '.2' "2.*1',1* 6 6+6+ - ' +0 .6'3+n4'6+"0 0' "" ' 3+',.5+6' J
40 ,1' 8' %1"06.*1' .66+"0 +*6' . *' *4 9* 6.60 +' 2*90' *4 9* 1 0' ., *1 0' +"6'
+*6' 1 2 0"" ' / 5.6 2+"1 + / 8' 0/'3+ 2+8' / ' ,.5 6.' .2 , .' 2. 2.' 06',.5 "" 6 1' *'
50, 0 - ' - 0*4 ,.*6 + - '406 .41' 06' *' ,+ - ',1*<04.' .63+0' *' 5.*1 + - ',. 6 4'
6 .* - ".' +*6' ,+ - '7.,' * , 56 1*0' .0,' .4' "2.*+ - '5 1' 40, - .' *1*4+ - ' 50 '
' 1"+6.'40 0 '12'3+. - ' 0"9 ' + 208' .63+0' .401' . "0 - + - '*+* '155+9*.6' ' 06' *0' 40'
- 1 .'"1*9 1 0',1*3+0 '51 " 6'+*40, - 6 - '5 1' 10*1 0'06'.+4. 1' .4<+*4+ - ' , .6?
+56 1* 2+8' , 02 8 *60 ' 7.0,' ,0 6.2.6+ '3+.0' ,1' ,1*" " 1 02.* +6,1 - - 0.6+8'
+2:04 1*0 - '06' .+/ " 1 + - ' .4+ 20 *' .,,0 + - ' .4<+:. 0*6' 6.3+0 76 14+4 6161'
A.*+. 1' "1,'0/'4 :0 8' *.6 1* 2+8' ,1* ".6' .+/ " . 08' '&0 - +8' E. " 8' ' (- .*4+8'
*9" 8' ." + +8' (,16 8' - 50 .2.*6' + - ' 2 8' - ""0' *9" ' (,16 ' 0"9.0' E06 ?
- .* 2 + - 1 2' .4 - 14+ - ' .0 0' *,040 0*6' 3+.*6+ - : 8' 0/' 155 41' .,,0* 8' ., 2+8 '
0150 :0* 0' *1*' 516+0 +*6'< 04'12 ,+ 6.60' 1,+"185 .0 6 *90*6040,056 7+, ""+,''
4 :0 ' .2 0 +*6' 06' *' 6.+ 1*0* 8' ,. 6 .' - .<1 '5. 8',1*,0" 6' 1 - - 0.6+' .+60 - ' '
1*+ 6 ,. ' ,,, : (. 0 - 1'5"+ 2+8: , 2+8' *' + 20 - 40:04 ' +*6'< 3+ '<+9.6 .,2 8'
03+.2+8' 6 .4 ' *0' 26 8' 50 '9"., , - '6.*6.' ,0"0 6.60' 50 ' 40: .' .41' 06' 0 - 50 ' :. .63'
6 *0 0 40,+ 02.*6' +6' 6.6 1508' 3+.*6+ - : 8' .660*6.8 .""0 0*6' 0 0 63' .5 .0 4 . 8'
- +* - 0*61 ' 5. 8' + 2 8' 1551 6.' 06' (' +, 8' 51 6.' 01' - .<160' ,+ .' .,'4 " 90*6 .' .2'
' 155 4.* 8' - +* "',105 6' 60 .' - 1' . , 2+8' .990 6 8' 06' 6 .* :06 8' " 9* 8' *' - 14+ - '
- + ' E ." , ' - .6.' %+ *' 0" 3+1' - 0* 0'5"+ 08' ,0 6.6+ - '< 3+0' *' ,0 6. - * 2+8'
J .*, ,+8' %1"06.*+8' 9 .: 60 ' .+, .6+8' 0 6' 4.,+8' . :.<." 8' 06' D 0 1*0 +8'
' 61 - 0*61 + - ' 5 .0 04+8' ,+ - ' 5 .0 4 . ' .4' 61 - 0*6.' ,".: 8' ,1* 90*4.' : ' - .9*.'
04' 61' ,1*.6+'0 +5 "0*6' *60 04' +36 < 06' 5' , "2*0 '"1,+ - '&."0*6 *+8' U$.
' 40+8 16. 0' 61 - 0*63 .0'5 .051 6+8' /'12 0 81&0 - +8 ,7.0" +8 19*.6+8
E."" ' 6 0*+ '1 4 *+ - '4+41 08' . - 20 6+8' $? h 60 - 20 90* 8' :+"*0 .6 8' $06 +('
&". - .*+81,, +8' 0 6' ' L' ' '
&' '1'0' - 0* 0' * 1"0*8' .,'5 14 9 5 + - ' 4 "+: + - ' 1:.* 5' *,+2+ 6' : ' 4'A.*?
. - ' " .' "+: 5'51 64 +6+ *+ - '6161 0,0 - 2 ' . 5, -) - '90"+' 1"+6 8' * : 2+8' * '
6+ - 0 ,0*60' 06'.":0+ - ' +50 9 0"%1' .3+.0' 5 . - + 1 + - 5 **.8' 0/, 0:0 0' 6.*40 - '
3+0' 71 .' .*60' - 0 4 0 - '40, - .'50 +56 8' .990 2+8' 6 90 - '".6 " - . - '4040 0' 6.*6.' '
: '+6',. .8' 1 - *0 8' 7+ - "0 8' 06',. 1 .8' 0,+ - ' :1 6 ,1 1' - 506+' .5+9 *6' %1 0*60'
"+ - *' .0, 08' 5 1/ - .0' .4' / '+"*. + - '."6 6+4 *0 - '4, - 0 .0': /' .5 418 "+4+8 + 6 '
+0 0' %+ ' 5.: 4' 1 - *08' .4' + - +.'6041 + - ' . 6 9 .' 0:.40 0' - + 18'50 140 0'
6.2+".6.'50 *90 0' ,.".8 \,0"1,08' ,.57.8' 6+ - +"6+. 8',". - 1 2+8' .,' 5"0 + - 3+0'
". - 2*6.2 "' :1,0' 0/51 ,0 0' 0<+".6+' 5+0 1 + - '.,' 10 - *. + - '5. - ' 1 - * .'50 2?'
*. 0' 6041 + - '+2 3+0' +0*6 + - ' .91 08' 0/.+4 ' ,1*:0""' . 21 08' - +"., .'50 '
60 - 5".'0 + ' *609 .8'41 - ++ - ',1*6 9*.6 1*08' 51*4.8'"0418',+", 6.8',.5 .8' - 0* .8'
+50 *.6. 0' 40* 3+0' - 1 6+1 + - ' 5 ".'.,'5"0 + - 3+0',.4.:0 .'6+ - +" 8' 0 2 ".'5 1 +8
' # L ? 71 0*45
& ' % ' V $ *60 ' 1 4
' '% ' ' $' '? 0$ ' " ' ' ') 6 ' ' ' ? '. '5 6.' ' !
? ' '%2 2 !$ ' ' '. ' ? / " $? 060 (' :1,.6 " " 2' 0*41C.' " ' 1 60' F
3 $' '% ' '+ ' / ' ' ' / ' ' 4 ' ' ' ' _ $'.
/ " ' / 2 " $ 2 ' _ ## ! $ 2 / " !$ 52 '
% ' ' = ' h 660*20 90* 8' & ' 060 0*' 1 qn' ' '

, !ʿ -ʿ6 '% %

ʿ71 0*41 504.,+"1ʿ "+6. 0ʿA.8 3+0ʿ -+"6 8ʿ *ʿ7 - " 1 2+8ʿ + 2 8ʿ5. 6 2+8 0* + "
3 ʿ ?ʿ : 6.0ʿ .4ʿ.3+.0ʿ *ʿ -1-0*6.ʿ0/, 0 ,0*6 8ʿ -14+-ʿ 1 6+*.ʿ.4-06 02.6+ ʿ,+*/ . 1
!20*0 , 1ʿ.3+. +-ʿ : ʿ 0:+" .ʿ -.9*1ʿ,+-ʿ 6 05 6+ʿ."60 .ʿ, : 6.6 8ʿ 51 6.ʿ3+. (. , 0ʿ
0 J .41ʿ " ." 20 1 *, . -518ʿ +2<0418ʿ0 J+*4 6 ʿ 06ʿ5 .0 0*6 8ʿ0/ 6 ʿ -U+ 3Xʿ
,1* 60 *.6.8ʿ.* -.8ʿ 1": 6ʿ G+ 4ʿ 51 60*6ʿ"102ʿ .,,05 6ʿ 1 0" +8ʿ E0 - -.ʿ H+. ʿ
1 -1, 6 ,.ʿ' +6ʿ 06ʿ 0/7.".6 1*0-ʿ" 0 4.-ʿ07. -.6 8ʿ (50, 0ʿ *ʿ,10"1: . -ʿ: " ʿ
J02ʿ 03+0*60 8ʿ 71 6 +-ʿ0/60 *1 +-ʿ +56 1*08ʿ + *.8ʿ+ 2 +-ʿ5 14 6 1*08ʿ 01*N ʿ
"4+8ʿ,".408<ʿ+6ʿ "Rʿ. 6ʿ 9" ,.*60-ʿ G+ 2+8ʿ06ʿ -1* 6 1 . -ʿ90- *1 +-ʿ 10- *0ʿ
0/+8ʿ 0ʿE1 -5"040*6 +-ʿ 50, 0-ʿ - 60 14. -ʿ5 4 1*ʿ 4ʿ04 6. -ʿ.,,0 06ʿ50ʿ
4 2+8ʿ3+.6+1ʿ.,ʿ616 40 -ʿ2 .,7 8ʿ4 6 *4 8ʿ6.*6+ -ʿ,1 +/.6 8ʿ 5041 2+8ʿ 06ʿ * 0 1 0ʿ
-./"".ʿ+6ʿ5 1 +8ʿ+* ,+-ʿ18ʿ : 40 06+ ʿ 4 8ʿ .44 6ʿ06ʿ +*.0ʿ40 04+-ʿ"1*90ʿ -./B
-+-ʿ3+ʿ0140-ʿ.**1ʿ0/6 0-1ʿ: ʿJ 4ʿ 0,ʿ.,, 4 6ʿ5+*43 +-ʿ//ʿ !3+. -: 8/: /ʿ
6.*6+-ʿ06ʿ // :ʿ , +5+"1 +-ʿ0. *ʿ . , .6ʿ ;5 .*+8ʿ 01: 6 +8@ʿ06ʿ3+."8ʿ .2ʿ .**1ʿ
7+<+8ʿ .0,+"ʿ ʿ : /ʿ,1* 504+8ʿ + 6ʿ J 14 9 ʿ06ʿ"1,1ʿ .**+-0 . ʿ5160" * 1" 6.ʿ
1,0.*ʿ50ʿJ . -ʿ *+*4.6 1ʿ 1 1ʿ ".*60ʿ' ,+<+8ʿ: 1"0*6 .ʿ.3+.0ʿ 09+ 9 6.*608ʿ.,,0ʿ
40*60ʿ -2 ʿ40* 1ʿ.990 08ʿ*1*ʿ 1"+-ʿ50 +50 +* ʿ 04ʿ 0 0ʿ40<0,0 .*6ʿ71- *08ʿ,+-ʿ
. -0*6 8ʿ06ʿ9 09 2+8ʿ *15 *.61ʿ,. +ʿ155 0 48ʿ 0,+-ʿ .5 0*608ʿ5.2+"1ʿ ,1 +561ʿ06ʿ
+56 8ʿ51*6 2+8ʿ .<+8ʿ4. -*+-ʿ *ʿ0.ʿ5. 60ʿJ .0ʿ.,,056+-ʿ3+.0ʿ 6*+ʿ .* .0ʿ,1*ʿ
<+*4.ʿ0 6ʿ' - *+8ʿ#E 10* *9. -ʿ:0 +8ʿ 3+14ʿ0.ʿ5. 8ʿ *0,ʿ .4-14+-ʿ5 2 - *0.6ʿ06ʿ
4+.2+8ʿ * +"8ʿ .,ʿ5 1-1*61 1ʿ:0"+6ʿ40 0*4.6+ ʿ 4ʿ.,, 4 6ʿ0/0+*6,(0/6 " ʿ ,+*6ʿ
,140-ʿ -0* 0ʿ * ʿ&1 6".*4 .ʿ06ʿ * .ʿ0/1 6 8ʿ5 .066ʿ 1" 6+-ʿ 104 8ʿ6, -50 6.6 2+8ʿ
. -*08ʿ01ʿ+ 3+0ʿ,/, 0: 0*6<ʿ +6ʿ .3+.0ʿ50ʿ .9 18ʿ +50 *.6.7608ʿ. -0*6.ʿ.,ʿ50,+408ʿ
5"0 3+0ʿ"1, 8ʿ155 0 "0 *6ʿ51*608ʿ4 +0 *6ʿ.,ʿ"+4+1 .ʿ:. 6 6.60ʿ: , *.ʿ, ,+-ʿ"1,.ʿ
,1-5",:0 *6ʿ *60 0.ʿ *ʿ+ 20ʿ 12 0 %.ʿ ,+- A7-ʿ * 6 1ʿ12" 4 1* 8ʿ5"+8ʿ .2ʿ .**1*.,ʿ
.79+ 6 .ʿ3+. -ʿ .2ʿ 71 60ʿ *ʿ 155 41ʿ * 06+0 06+ ʿ5 1: +-ʿ0 6ʿ.+41 6.60ʿ -.9 6 . ʿ
6++-ʿ +6ʿ0.ʿ.4-14+-ʿ5. ,0ʿ4 50* . 06+ ʿ,1* 6 6+61ʿ06 . -ʿ *ʿ *9+".8ʿ21: "".0ʿ,. * 8ʿ
"2 .8ʿ61"0 .*41ʿ5 06 1ʿ %+ *ʿ * 69*ʿ7+-.* 6.6 8ʿ 0/0-5"1ʿ,ʿ 0" +-ʿ +94+*+-ʿ
E1+4.ʿ +50 1 8ʿ 1"".*4 .0ʿ+ 208ʿ . "0-0* 2+8ʿ50ʿ" 60 .8ʿ 69* ,. +*6ʿ5. .618ʿ 0ʿ
+6ʿ01 +-ʿ.**1*. -ʿ +2R:. 076ʿ 20""1ʿ *+6" .ʿ,.5 6.ʿ 0*+-ʿ5+0 4 +-ʿ.,ʿ 10- ʿ
*. +6*ʿ.5+4ʿ 0ʿ 0, 5060ʿ06ʿ40ʿ +1ʿ."0 ,ʿ + -3+0ʿ,+ 0ʿ.2ʿ 5.* 8ʿ, 02 ʿ150ʿ71- ʿ
+-ʿ 0ʿ50 61 +-ʿ0/ʿ 2+ 1 2+8ʿ.,,0 61 +-ʿ.4ʿ,1*6 . 8ʿ .4 8ʿ 0:0 ʿ0 "0*6ʿ
,+-ʿ -.9*.ʿ 1 %1 +-ʿ.,ʿ - " 6+-ʿ<.4+ .ʿ51 6 0-1%1"06.*+8ʿ,+<+8ʿ0/0 , 6+8ʿ + - - 8ʿ
4 ,+"6.6 2+8ʿ06ʿ *,1- -14 6.6 2+8ʿ. 50 .ʿ5 .060ʿ 1" 6+-ʿ3+.0ʿ "" 8ʿ"1, 8ʿ .0: -. ʿ
,-50ʿ0 6ʿ7;07 0 ,1* " 4.2.6+ ʿ +6ʿ *0-ʿ -1"0 6.0ʿ.401ʿ12 4 1*ʿ -51*0 06ʿ4,ʿ
-50 *ʿ ., 0*43ʿ ,19 6. 0ʿ ,205 6ʿ5 15+9*.,+"13+0ʿ<. -ʿ4.561ʿ06ʿ6+ -+"1ʿ0ʿ,0 5 6,ʿ
0/, 6.61ʿ.,ʿ .,, 8ʿ60 .ʿ155"06 8 -.61ʿ5 4 0S." J02ʿ*14+ʿ., 0-ʿ01ʿ1 4 *0ʿ * 6 + 6ʿ
+6 140 ,+8ʿ06J0 4 *.*4+8" 1"06.* ʿ3+ 3+0ʿ,+-ʿ:ʿ,171 6 2+8"09 1* 8ʿ +.0ʿ7 0ʿ
.4ʿ".0:. -ʿ "Rʿ.4ʿ40/6 . -ʿ5+" .6ʿ -+ ʿ: -ʿ .,0 076ʿ' 3+18ʿ,060 .0ʿ0. +-ʿ"09 1*+-ʿ
,171 608ʿ 0340 0*6+ ʿ06ʿ +5 .ʿ 0"%. -ʿ6.*3+. -ʿ50ʿ51*60-ʿ *,040 0*6ʿ 6+ *ʿ .,. ʿ
-1*6 +8ʿ0ʿ 1-0 +8ʿ,+-ʿ +.ʿ3+ 3+0ʿ"09 1*0ʿ +2 03+ʿ<+ " ʿE. 5. ʿ0 12R8 "" +8ʿ0ʿ
J .ʿ.ʿ2%2"06.*1ʿ0:1, .6+8ʿ.4ʿ(ʿA1.* 8ʿ -+* 6 1*0-ʿ0140-ʿ60-51 0ʿ,+-ʿ + 8ʿ& -ʿ
.,0 0ʿ<+206+ ʿ4+-ʿ *60 -ʿE0 -.*0ʿ06ʿ 0"9.0ʿ<+/6.ʿ ":. -ʿ *ʿ.,R-ʿ * 6 +4ʿ 6. 0*6ʿ
\.4ʿ +2 6.ʿ54 .6ʿ (9*1ʿ 4.61ʿ51"" 5 0,08ʿ50 .4.8ʿ.ʿ 140 ,1ʿ%1"06.*1ʿ06ʿ .+ 0*6 1ʿ
$0 0.ʿ155+9*.6 1*ʿ5 , 5 +-ʿ4.6+ ʿ3+ʿ,+-ʿ + 8ʿ + - -.ʿ:ʿ,1**/ʿ *ʿ -+ +-ʿ *?
" +*6ʿ 04ʿ,+-ʿ0140-ʿ60-51 0ʿ ,+*0+8ʿ +2ʿ -+ 1ʿ.4+8ʿ,1*6 . 1ʿ.2ʿ15 4.* 8ʿ .41ʿ
2:0 +8ʿ0 "06ʿ + *.ʿ,1*6 .ʿ3+. -ʿ5+6.2.*6 5.* ʿ0/6 .ʿ 0:1"+6.ʿ3+ʿ 03+02.*6+ ʿ
1, 18ʿ3+ʿ *ʿ + - -+-ʿ0:. 0 .*6ʿ,1* 03+ʿ*1*ʿ516+0 +*6ʿ +"6ʿ,+*01 +-ʿ:ʿ *
d ʿ .0 .

% $ ʿ E !U # . ʿ ʿ ʿ # ! ʿ ʿ ʿ/ʿ ʿ ʿ ?8 #2ʿ ʿ2ʿ9
:ʿ5 $ ʿ ʿ ʿ" * $ʿ ʿ ʿ ʿ ʿ ʿ I

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* . ,7 *. 8ʿ 3+. 8ʿ 0, + 6ʿ 7.202. *6ʿ 4 "5"1 0*6 ʿ ,2ʿ E. ""2 + *" *5 * 8ʿ : 6+60ʿ *ʿ + ʿ
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%70241 8 .0 " , - . * +8ʿ .4 "". ʿ 040"24 R9. 6+8ʿ ,"15506ʿ 4+ʿ *60 046 8ʿ 04 ʿ
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.4ʿ 1ʿ J+ R. * ʿ *66* 6 1*0 ʿ ,+ ʿE+"06.0ʿ 71 - 0*ʿ *4 6+ - ʿ0 6ʿ +6ʿ * . : 2+8ʿ + 8ʿ 6.6 1*0* ʿ
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+0 0ʿ ,6ʿ 028ʿ 0, + - ʿ . , ,05628ʿ *6 4ʿ - 10 .ʿ * ,1"+ - 0 8ʿ 04+/0 0ʿ 0" 4 8ʿ *ʿ 71 " + 6ʿ
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*ʿ 0 6. 6 0/52 6+ - ʿ ʿ 04 , .ʿ 508 6. + 6ʿ3+24 .+ 1*0* 8ʿ 53 0 ʿ ʿ% 0 . ʿ
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ʿ * , 56 2ʿ0 .6ʿ & S 0 / ʿ : - ʿ ʿ E+ - ʿ <. - ʿ .4ʿ . *9+ 6+ - ʿ 08ʿ *ʿ +620ʿ
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4 6 2+0 06+ ʿ+6ʿ71 660*" .2ʿ a2" 4 1*0ʿ. **1*.0ʿ. *9+ 6 .4 ,040 0ʿ01 - 50""0 0*6 ʿ"1, .ʿ
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ʿ 0+R0". - ʿ : , - ʿ *ʿ 5. "+ - * 8ʿ51 6+ - ʿ:0* "%0*6 ʿ "1, + - ʿ - +* 0ʿ * 6 6++*6ʿ 06ʿ
. ,0 - ʿE+*60 60* +* ʿ *ʿ1551" 6.ʿ "+ - * 8 5.ʿ / ʿ40"0 61 + - ʿ5 .0" 4 1ʿ - . *6ʿ :0 ʿ
. - ʿ01 + - ,1*. - 8ʿ4 " 90*6 .ʿ +.ʿ. *60:0 6 6ʿA1. **08ʿ .56 ". (ʿ%. / 8 ʿ 3+ ʿ - - ʿ 1 60ʿ
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5 .0 4 1ʿ ʿ+ 20ʿ .ʿ 1 "+: ʿ ,1 - 60ʿ 0" 6 8 ʿ 06ʿ ./ *. " .* ʿ 0"14+* ʿ : ,0,1 - 6 8ʿ
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+2:0 6 1*0 - ʿ 0, 6ʿ S. "ʿ . ʿ5., 0.6 1ʿ *60 ʿ$7 " 55+ - ʿ06ʿ " .2067. - ʿ *9"1 + - ʿ
09 *. - ʿ4 +ʿ. *60ʿ.9 6.6.ʿ06ʿ* *4+ - ʿ60 - *.6. ʿ. "".61ʿ 09 8ʿ50 ʿ 0 *. 4 * ʿ 0*41C.0ʿ
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- 0*6 8ʿ6. *6+ - ʿ,0 6.6+ - ʿ 6ʿ< 04ʿ. , ,0* 8ʿ06ʿ0/. ,0 2.6 8ʿ.401ʿ. * - 8 ʿ+6ʿ<+ 8ʿ90*6 + - ʿ
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0 6. : 6 '405 0 8' 5"06 3+0' * . : 2+8' : /3+0' : ". ' ,+ - '5.+, 8' *' 5 +". *"6 .<0, 6 '+2 '
5 0' - .9* .' ,1 - - 0.6+8' 56*+ .'".21 . : 6' + - ' 8' +, ,0 " 8' 1, 8' .4' - .<1 .' .+40* 4 '
. - 48' 0 0 "06 ' 06' ; ". - '51 6' 0. *' ,". 40 - ' . , ,056. - '7.+4' . , "0' 3+ 43+. *' - .9* '
- 1 - 0*6 ' - 1" 6+ + - '5+6. 0*6 %71". - ' *' .2. *6 .' ,+ - ' : ; 504 6+ - ' 4+ '
,+*6 '4+,0' \' 1""061 .* 0 .0' 5 .0 04,2' .4' i' 1 - : .") + - 'S ." ' . "8' 0/ 00* 5*0

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'0 #2 ' S' " !' / ' ! , !' $ $' ; ' ! 5 2')' E C # !2'
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. Q.ʿ,15 .8ʿ *ʿ60 . -ʿ0/51*+*6ʿ * # . 6 * .*1ʿ.990 0ʿ - +* 6 1*0ʿ0/ 6 - 6.ʿ06ʿ60*.ʿ ʿ
ʿ 5"1ʿ * AJ" 06,* ʿ55 6+ 3+ʿ 5 .5 4 1ʿ60*02.6+ ʿ516 6 5 .0, 5 6.6 8ʿ *ʿ - . 0ʿ5 .0 ʿ ʿ
ʿ " . 8 . +8/ *. f0 8 *+ -ʿ3* 2+8&0*0 .*6ʿ,1* 0074+*6ʿ06 ʿ 0 9.8.4(1 - . -ʿ
5 1 04ʿ *6 .ʿ.990 06*ʿ3+ 0 9 8ʿ%71". -ʿ4*, 6ʿ,. 6 .ʿ - +* +*6ʿ5 1 - 1*61 + - 3+0ʿ
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ʿ 9 1* 8ʿ5 - 4 ʿ4+/ʿ,+ 2ʿ6/ : ʿ - " 6+2ʿ5 .0 4 1ʿ< 0 9 8ʿU 09 4 +8ʿ& " .* +8ʿ 06ʿL
$06 +8ʿ 166 0" +8ʿ,+ -ʿ4 +12< 8 9* (0<+ 40 -ʿ"09 1* 8ʿ0 .*6ʿ, 60 8ʿ .40+ - -ʿ<+ ")ʿ
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% 1"0*" 2) 8ʿ +2:0* ʿ 6.6+ 06ʿ,+ -ʿ 1""061ʿ 11*9 0 "+8ʿ50 ,+"+*ʿ: 6. ʿ.4 ʿ 04ʿ
-1/ʿ.2ʿ "2. * 1ʿ + - - "2ʿ ".+4 1ʿ 0 *. 41ʿ,+* ʿ40"04 8ʿ,15 8ʿ 1, 18ʿ<. -ʿ50 1 "2ʿ
.990 0ʿ% 7 1". 0ʿ - - 70*60 8ʿ **95ʿ, ,+ 6+ʿ4 4 8ʿ,15 8ʿ5 .060ʿ15 * 1*0* ʿ.99 0 +8ʿ
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4ʿ& ʿ 4ʿ< . . ,, 4 6ʿ &0 + -ʿ0.ʿ,".408ʿ ʿE0 6 +4 8ʿ .*1ʿ ! 4ʿ155 4+ -ʿ.4ʿ4 6 1ʿ
ʿ*0 *ʿ .+" 1 60 8ʿ50 6 *02.6@ʿ. 6+ʿ *60 ,0561ʿ50* .6.ʿ0 6ʿ3514ʿ. * ʿH * 8ʿ 0"9. + -
ʿ 04ʿ * 03+0*6 2+8ʿ0/,+2 8ʿ*09" 90*60 ʿ 0 :.2.6+ ʿ . -ʿ4ʿ.ʿ($1061ʿE.""1ʿ 6 0*+1ʿ
5 4 *+ -ʿ4+41 0ʿ*.: 9 8ʿ7 1 4 .,1ʿ h 1 0+ - 4ʿ06ʿ: , * 8ʿ"1, 8ʿ 0,+ -ʿ.44+4 8 ?ʿ
6 +, 4.6 8ʿ"0: ʿ*0916 1ʿ56.0" 4 . 8ʿ1,,+5.6 -ʿ0 6ʿ+6ʿ 08ʿ.ʿ5 14 ʿ1* 8ʿ + 5 , 1*0ʿ*1*ʿ
.2 +0 6ʿ 4ʿ." 3+.*6152 6ʿ.,, 4 6ʿ 4 ʿ 4 ʿ 1ʿ,. +ʿ50 ,+" +8ʿ "2.*+8ʿ 6.6 -ʿ
ʿ 0 *. 4 *1ʿ 0*41C.0ʿ*0916 + -ʿ4.6ʿ+6ʿ,2 -ʿ +.ʿ03+ 6+ -ʿ.".ʿ 04. *ʿ5060 06ʿ06ʿ *40ʿ
1, 1 + -ʿ0/,+ 1*08ʿ .2.*6 . -ʿ - 504 06ʿ *6 0.ʿJ 40 ,+8ʿ51 6ʿ404 6+ -ʿ . ʿ
I 0 - + -ʿ6 2 , *0 - ʿ ""6 - . . -ʿ - 66 6ʿ3+ʿ155 4.*18ʿ+ 20 -ʿ4040 0ʿ<+20 6ʿ3+14ʿ ""
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L". +*6ʿG +1ʿ 0 51* 1ʿ *60""041ʿ 5.* ʿ36 ʿ6.*3+. -ʿ.4ʿ5 .04. -ʿ5. .6. -ʿ0/ 0 .*6ʿ
,6366 2+8 - +"61 + - - 0* 6+ - 6 50*4 + -ʿ40202.6+ ʿ0.ʿ 50ʿ40<04ʿ5 16 *+8ʿ . ",ʿ
- + -ʿ *<+ "+ʿ - 50 .61 8ʿ 040+*6ʿ 1"0 - * 3+0ʿ 04 6 1*0ʿ0/, 6.6.ʿ4+,+ -ʿ 6 1 + -ʿ - ʿ
ʿ 50 .ʿ.2 19. *6ʿ *1:18ʿ,1* 6 6 - " 6ʿ06ʿ61 - ,*6.ʿ/ :ʿ *ʿ+ 20 66ʿ 1*:07+*6ʿ G ".0ʿ 08ʿ
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? 3+0ʿ.401ʿ "R - . 0* + -ʿ00"" 6ʿ3+ʿ0 " *.6 8ʿ250 2+8ʿ+ 20 -ʿ *60 0.ʿ - +* :0 +*6ʿ06ʿ
ʿ.ʿ5 - 0ʿ - 06+ʿ.* - 18ʿ01""090 +76 6.ʿ+6ʿ12 4 1*ʿ + 6 *0*4.0ʿ 0ʿ40 *,058ʿ5. 08ʿ4 60*ʿ
40 6ʿ ʿ(04 6 1*0ʿ,1 - 51*0*4.0ʿ616+8ʿ - 0*"%8ʿ * + - 56+8ʿ06ʿ51 6 0 - 1ʿ.4ʿ "5.*18ʿ
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.C. +8ʿ? +""0 +8ʿE0 - .*1 + -ʿ4+ 61ʿ,+ -ʿ + 8ʿ *ʿ6+6+ -ʿ404+4+8ʿ0 6ʿ06ʿ *1:1ʿ6+ʿ
- +"6+ʿ.2ʿ 5.* 8ʿ . "0 -ʿ0/, 6.61ʿ,+ -ʿ(- ʿVʿ(,1 " +8ʿ3+ʿ7+0ʿ+"3+0ʿ".6+0 .6 ʿ
+9. -ʿ5. . 0,ʿ.9* 6+8ʿ06ʿ *ʿ,. ,0 0 -ʿ,1*< 04+8ʿ 0 ?ʿ %+ - +"6+ʿ+6,+*3+0ʿ 04.6*ʿ "ʿ
4 J 40 ,+8ʿ *ʿ+ 20 -ʿ&0* 6ʿ *ʿ,+<+8ʿ.4;0*6+ -ʿ,,,ʿE."" ʿ * 9"ʿ., 0"9.0ʿ +2 ʿ
,+ 614 .ʿ 0 :.6ʿ,.5 6 8 ʿ510*.ʿ. 04ʿ + * 6ʿ01"504.,+"1ʿ *60 - .ʿ50ʿ - 0* 0 -ʿ". ʿ
* 0*.ʿ 0*5:.6.ʿ,+ -ʿ3+.6 4+1ʿ.*60ʿ5 - . ʿ, :08ʿ06ʿ 0"9. + -ʿ4+,08ʿVʿ(,160*. - ʿ
2.+4ʿ1,,+"6.ʿ155 4.*1 + -ʿ - 10 6 6 .ʿ0140 -ʿ4 0ʿ.24+4ʿ0 "0*6ʿ 4 ʿ3+ 2+8ʿ/ : ʿS. ʿ
(056ʿ +55" , + - .*.56+*"0 6ʿ$1 6 4 0ʿ51 6ʿ.4;0*6+ *ʿJ 40 ,ʿE141 4+8ʿBUʿ 0 ?
LL"0+8ʿ . "0 - ʿ05 015+8ʿ ʿ .:1* 8ʿ6, - 5"+ -ʿ 6+ʿ 1"0 - * ʿ404 ,.: 6ʿ06ʿ ., + -ʿ,1 .*/ʿ
40 ,1ʿ50 09 6ʿ 5 1ʿJ 40 ,1ʿ5 151 6 8ʿ, .5 6 2+8ʿ51 6ʿ60, 6.6+6)ʿ0:.*90" + -ʿ . ʿ
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"06+4 *. 8ʿ.09 ʿ40,+ - 202.*6ʿ - " 608ʿ *40 606 .4ʿ.4ʿ +55" , + -ʿ .56ʿ +*6ʿ %+ *ʿ?
5+2" ,.6+ -ʿ4 5"1 - .ʿ3+1ʿ+* ;0 8ʿ5 .060 61 + -ʿ9 .6 .ʿ 02.6ʿ 0/,056 8ʿ ʿ155 ʿ
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5 '5 .0 64 1' - 51" 62 ' 5.* '404+4 '06' ' "R - . . - '5060 0' + " ' +*6' $ - 1' .55
'A ' , .56.' .' ' 04 * "".' 5 40 , ' <+ %+ ' . .' .2 . ' 0/' 3+.' , .*." 8' +2<0 6.8' 40 0*40 '
2.6+ ' 06' ., ,0!%+8' .4' 155 4+ - ' *60 ,"+402.6+ ' +56 1*0' .2' 155 4.* 8' . 6. ' , + - '
L .4' . . - ' ., 60 '5+9*.6+ - ' 0 "06' 05+" ' "" ' 04' 04 * "".' *' , , 6. - *0' 40 640 ., 1'
%.*40 - ' .4' 155 4+ - ' / * ' S." ' (056' ,. 6 .'51 6.' ' :. 3 0' 5 10" 8' ,0 6.6+ - ' + 3+0'
4' ' ('S." ' ,6' 3+1' 0 +56 1*0' .4 .12 0"" ' *' :."" + - '5 19 0"%' - .9*.' 6 05 4.6 1*0'
,. 6 .' ,1 - 5"0:0 +*6' ,.56 8' 5"0 3+0 ' 0/' 3+ 2+8' - +"6.' 40' U 5.*1 + - ' ,1* " 8'
0 0 :0 +*6' *60 0.' - +8' J .*, 0+8' &."40 6+8' 3+ - + * 6 1*,8' *' 1"".*4 .0' .+ '
, 2+8' 1, ,+5. 06' 06' *1:.8' "1, 8' 41*0 8' 0/ 6 +0 06' + *40' ,.56. "R - . .' ., " +8' *'
." .'5 : *, .0' 155 4.' * :.40 0' 51 06' + - ' *' 6 *0 0' 0 6' .4' 2 0 40*41 5 + - '3+1'
E. 5. 0 - U - 2". ,+ - 'E.2 0" 8' 1* ' 9* 0 + - ', + - ', ,' ,"15506. 8' 5 .05. 06.6'
0/ * 64 8' 0 + - 50*60' 71 6 + *' - .*+' 50 ,+ 1 0l,0 6.: 6 : /3+0' 03+1' + J1 "2' 06' ." L
60 +8' *'60 - 51 0' ,1 - - 14.6' 150' 0/ 6 1' 0 056+8' 0 6' . - 8' *' 03' ,1* " 4+' . - 5" +8'
,' 0/' + 8' + - '7.0,' .90 0*6+ ' *' ' h .". , 0* 6' * +".' 1, '8' . - - 0R0* 0 - '. 00 - '
' "402+ 9 ' , .." 8' <. - ' .4' + - - . - ' .*9+ 6 . - ' 04 .4 ' .+, 2+8' 12" 40*6' 3+1'
6.6 - ' .*1 +8' 0""1:. +8=0". 4 , ' .. 85 .0 04+8' 0, + - '. "+ - 561 1*4 .9166 1'
,+ - ' ,". "0' .4 : (". : 6' 06' ,1 - - 0.6+' 50 ' 60 .* ' "402+ 9+ - ' - 51 6.61 ' *+"".3+0'
." .' 0' .4.' *40' 4 00 6' 1/3+0' - 60 14. - 1' 3+1' "2.*+8' :0*0 .6' ./ - " . '
+8' ' 0** *+8' 1 + : ' ,1 - 08' 5 4' 4' G+ *6" ' ,+ - ' / ' - .<1 8' 1 - .0' * .: 248'
1": 6' 3+ 2+8' 51 6.2.*6+ 'E0 - .*1 + - '"09 1* 8' ." 3+16' ,171 608' : ' .*1 + - '
4+, 2+8' 5 ,+, . 'E. .' '(+. 0' *61* 1' : ". ' . 6 *1' . ,0 %0/04.' 06' " 1* 1'
<.".'< 0"9. + - ' 60 - '." 3+16' ,171 608' 3+ 2+8 .*, '&0 4+9+8' 5 .0<0 .6' $ - . '
' ., 0 - '4+,02.6<1.** 8' (- 1* 8 # 1"" '*.: 8' ,+ 'E1 ,+0 .0' ,173 8' - 51 6.' 0 . '
3+. - ' ,.*." 8' .*9+ 6 .8' + *4 3+0' * .: 9 8' *' :.41' - - 0 8' , ,; - 4.6' +50 . 0' <+ ". - '
."60 .' +2 03+02.6+ ' . ,' 60 6 .<5 .061 . ' ,+ ' * : + - '<+/6.' 06' * .+ 6+ - ;' "" 8' 09 1 '
*2+8 *3+ 66 1* 8' *1 - 0*' 0 .6' 51 6' 0.8' 1 4 *0' * ,0402.6' G+14' +2 '71 608' : 40 + *6<
5 16 *+8' , .*." ' 09 04 + *6+ ' 06' ,". "0 - ' *' ., 0 - * 6 - + *6' 3+.0' / / /' * .: 2+8' 9 .* '
4 1 2+8' 06' *1**+"" 8' ." 8' - *1 8' 1 - .0' ,1* 6.2.6' 5.+"+ - ' '2 0: .'40 60/1' 6 *0 0 '
3+1,09 .0' 5 1560 '51*4+8' 50 :0* 0' *1*'5160 .*6' *40' 0/51 6' *' 60 . - ' 5.* '
+6' - + * 6 1*08' 4+.8' *' " 61 0' .2' 71 6 2+8' 0/, 6.6.8' 3+.03+0', ". ' * +".* 8' .+/ " 1' :0 '
* 0*6' *1*' - 04 1, 60 ' *,1 - - 14.2.*6' 1, ,+5. 0*6' 3+14' 06' "" ' 6.6 - ' ,1* 0,0 '
+*6' *' .*,1 8' +6 .3+0' ,". " 8' 50 ' / : '4 0 + - ' 5.6 + - ' 606 6' + + - 3+0' 1"%+: +8'
,1 - 08' "2.* '<+ %+' 71 6 "0 - ' ,". 0 - ' .99 04 6+ ' ,+ - 3+0' 3+.6 4++ - ' *609 + - ' "0 '
: 2+8' 5 10" 8' +6 *3+0' ,0 6.6+ - '0 606' '%70141 +8U (1*2 +8 # *,7+ .' ., ,056 8' *.B
: 2+8' 06' *1:1' - " 6+ - ' 121 0' : , " - ' 09 . - ' ,". 0 - ' 5 4' 4' (056' 506 6' 06' +2'
' - 0 4 0 - ' ,+ - ') 6 .3+0' :0*6' ,1 - - 14 6.60 - ' ,.56. 06' +6 *3+0' ." 3+.*61' 60 - 51 0'
61 *0*61 + - ' 4 2+8' 08' . 6.' 0 6' 41*00' 1 +& +8' *' 5 1 . - ' 5 .061 .0' 71 6 " 8' * '
,+2+ 6' *0,' "". ,0 6. - 0*' 406 04.: 6' 06' .'5. 60' 40/6 .' 1) : 1' *,+ - 20*8' 1 6 60 '
5+9*.* ' ,.50 " : 6' - 1/3+.0' 4+.0' ." .0' 71 6 "08' *' 5+550 - ' 1 %+: .*.0' : - ' ., +*6
'06' 9* 2 8' . 6 , 1 8' *<04 8' 6+ *' ./1 + - '9 .*4 *0' 06' ,.", 8' : :.0' 5+" 0 0' *' 1, +"1"
: 2 .61' +6' - " 6+ - ' ., 0 - ' 50 6 *90 0*6' 09 18' + 90*6' 0/' +50 1 0' "1, 1' *' 018'
5+9*.*608' . 0 2+8' 12<04 8' 3+ 2+8 60902.*6+ '06' 5 0.61 8' 06 2+8' .4' 4+8' - ., 7 '
. + - ' : ,0' ., ,1 + - ' "..' 155"061 + - ' 1551 6 8? 01 + - ' : 1"0*6 . - ' .*902.*6'
G+1' .* - .4:0 1' ,060 . ' 09 .0' ,". '8' * .:08' - 60 14. - + - :0 +8 +9. - ' ,.50 "+ *6 '
0/,056.' 0.' 3+.' %0/04.' 51 6.2.6+ ' 06' 6.' - 5" , .6.0' :' * .:08' .0 63 - . 8' *+ 3+. -
' *60 - " 1'

& ' % ' V %1"06.* ' ' 1' D(- 0* 1) ' * .: 8 + ! '>' ' "' 8 0 9 1 * 2 + 8
'E+" ' . , .*+8 + - .0+8' *,7+ .' ' '1' > 5 Y <
% $ ' ? ' 13' ' ' ' '5 ' : '% . '
. ' ' , ' ' ! ' #]' ! ' R .' ' " $' /4 ' 0' '5 0' '
'% 6 $' 'B '. ' ' " ' I + # ' ' / 6 ' ' ' /) .
F '+ 0' G ' 0D '

) 5 ' 6ˁ 7ˁ 8"ˁ &&9

Hˁ # ˁ$ˁ L #ˁ ˁ0 # #ˁ ˁ@'/ #, ˁ ! % ˁ 3

.*60.+ 1 .-ˁ73 8ˁ ""+,0 ,0*60ˁ4 0ˁE0 -.*ˁ0/ˁ 1""+: .*.ˁ *ˁ71 6 "0-ˁ5 .061 .-ˁ ˁ
6 .. 0+* ˁ *03+ ,3+. -ˁ 1"%+: 1ˁ06ˁ 5.* 8ˁ 05+9*.*6 2+8ˁ .,ˁ -+"618ˁ 0/ˁ 6 .*8 +9 8
*60 , 0*6 2+8ˁ 0/ˁ 3+ 2+8ˁ ,+-ˁ 2(1*1 +8ˁ *60""0/ "06ˁ .4ˁ 3+.8ˁ .*9+ 6 .8ˁ 08ˁ 09 1
+-ˁ0",*6ˁ 04. 6.0ˁ *1: 8ˁ *,7+ .ˁ 50ˁ ,.57.8ˁ - "8ˁ .+/ " 8ˁ -.6+8ˁ 1"+: +-
.99 04 6+ ˁ 3+ ˁ0/ˁ ˁ :0ˁ*12 " 2+8.+6 5.* 8ˁ - "6 26 8ˁ 1"18ˁ +50 6 608ˁ/ :ˁ* *
07.202.6ˁ 0,6. -0*ˁ ""0ˁ 0ˁ 40 0 +6ˁ 04ˁ0/ˁ 0 +-ˁ 40 50 .6 1*0ˁ .* -18ˁ +-0*8
,+-ˁ 0 -0"ˁ .63+0ˁ 60 +-ˁ +- -.ˁ: 6+60ˁ 71 6 "0-ˁ155+9*.6 1*0-ˁ + 6 *+ 06ˁ51 6 0
-1 ,1*4 6 1*08.(1*1 15 151 6.8ˁ 1 ,+0 .. "0*6 0*60ˁ.,,05 6ˁ 05+4 .61ˁ 5.*
,+<+ 4. -ˁ ,1* 4 1ˁ3+ ˁ,+-ˁ 12ˁ 0,0*60-ˁ . "0-0* 8ˁ,. * , *.0ˁ -0-1 .*.ˁ ˁG ,
6.: 8ˁ*+"". -ˁ9 .6 . -ˁ 50 .*4. -ˁ0/ 6 -. 06ˁ *60 ˁ,1""13+0*4+-ˁ 9*0-ˁ *ˁ5+":0 0-
@61 -0*6. +-ˁ *< ,0 0ˁ *ˁ .* -1ˁ7.202.6ˁ 3+1ˁ . -2+ 6 ˁ3+.*41ˁ 2ˁ*0,0 6. 1ˁ50
0**4+-ˁ0 .6ˁ71 60 8ˁ0.40-ˁ 0,+-ˁ + *.ˁ *:1":0 0*6ˁ 6.ˁ71 608ˁ *,1"+- 6.60ˁ5 1
- ".ˁ 1"" : .*. -ˁ7.:0-ˁ *9 0 ˁ,+*418ˁ *ˁ0.ˁ 050 618ˁ 1 "+: 1ˁ0/,056 aˁ 51" .*6
06ˁ 1 6 : +-ˁ 1 *. -ˁ,+-ˁ 1 ,+0 .ˁ9 .: 60ˁ .+, .61ˁ06ˁ/ ˁ, , 60ˁ 5.* 8ˁ *.9*.
51-5.ˁ 404+,+*6ˁ<ˁ +2ˁ5.+"+-ˁ 08ˁ .ˁ: 1"0*6 .ˁ .2 + 6ˁ ,+-ˁ 10- *.0ˁ 5.* 8ˁ ""+
40 0*6ˁ 06ˁ ,1*6 .5.4.: - .,0 0*1*.+ .0ˁ *<+ 1 00 818ˁ .4-16.ˁ -.*+ +2" *0
0*6ˁ 0" 3+ ˁ3+ ˁ*+-0 1ˁ.4ˁ ˁ0 .*6ˁ *,7+ . -ˁ404+4 ˁ +*6ˁ 1"%+: +8ˁ3+.*6+-: 8
04+". -ˁ150 . -ˁ4.*6 2+8ˁ 5.* 8ˁ40ˁ3+ 2+8ˁ156 -0ˁ -0 6+8ˁ0 .6ˁ+6ˁ 5 0ˁ" 20 . 06+
126 *0 0ˁ*16Kˁ5 1 6+ 6ˁ 06ˁ" ,06ˁ 8ˁ3+ ˁ 0,+-ˁ ,.56 :ˁ0 .*6ˁ5. 6 -ˁ503+* .ˁ 5. 6 -
5 0, 2+8ˁ" 20 6.6ˁ 0 6 6+6 8ˁ * 7 "1- *+8ˁ + 3+0ˁ .4ˁ E.*4.:0* 0-ˁ5., ,.6 1*0-ˁ +2
,+ 614 .ˁ 060*6*8ˁ0 6

& ˁ 8ˁ,. +8ˁ "R- . .0ˁ12 0 "8ˁ.* -18ˁ - +-ˁ3+.*6+-ˁ.+/0 6ˁ3+ˁ"1,1ˁ,5* " ˁ
.47.0,ˁ5 1 50 8ˁ+*4 3+0ˁ."".6 8ˁ*+*, 8ˁ * ".6ˁ 1 6 60ˁ 0ˁ71 6ˁ1551 +0 +*6ˁ06ˁ,+-ˁ
&S."ˁ 4 ˁ51 6ˁ 2 8ˁ - ""0ˁ .,ˁ / / / : ˁ 4++-ˁ 4 5"1 1*0-ˁ616ˁ0* -ˁ.ˁ,+ 1 8ˁ*+ˁ
-0 .6ˁ +*6ˁ + *.ˁ *90*8ˁ04 6.ˁ0 "06ˁ .4ˁ6+ 0-ˁ +2 . -ˁ.,ˁ051 6. -ˁ5 0.61 . -ˁ .41ˁ
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. 06ˀ3+.*6.ˀ : 4 .ˀ *ˀ.+".ˀ5 *, 5 8ˀ +ˀ,1* ".9 . 06ˀ 9*1- * 1 .0ˀ - "1*ˀ5 .0ˀ
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3+0-ˀ*+"".ˀ.".ˀ 08ˀ5 .0,". 0ˀ90 6.ˀ,1- -0*4.2.6ˀ 8ˀ,+-ˀ +2ˀ 4ˀ60-5+8ˀ5 1: *, . -ˀ
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[illegible]

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adminiſtrationem capeſſere noluit, affectata modeſtia onere in Albanum ſimul cum invidia rejecto. Nec Albanus, qui aemulum non ſucceſſorem ſibi miſſum indignabatur, invitus fecit, ut imperium retineret: regique poſtea per literas demonſtravit, ſi Belgium ſalvum cuperet, quemvis alium quam Cerdam provinciae praeficeret: nam eo ingenio illum eſſe, qui nec belli res curare poſſet, et in pace rempublicam everteret. Igitur uterque exeunte anno revocatus, et Ludovicus Requeſenes ordinis [a] Sanjacobini princeps, Mediolanenſis principatus praeſes, vir ſumma dignitate, qui bello Granatenſi nuper, et icto inter Philippum pontificem ac Venetos contra Turcos foedere Joannis [b] Auſtrii ſupremi utroque bello imperatoris legatus fuerat, ei ſucceſſor deſignatus eſt; factoque per [c] Allobroges, Sequanos ac Lotharingiam itinere xv Kal. Dec. Bruxellas venit, et exeunte eodem menſe traditos ab Albano exercitus accepit; qui mox ſequenti menſe cum Friderico filio, II cataphractorum et III ſclopetariorum equitum alis in viam ſe dedit, eodemque, quo venerat Requeſenes, itinere in Italiam, et inde Genuae conſcenſis triremibus in Hiſpaniam perrexit, ubi longe diſparem meritis ſuis gratiam in aula invenit. [d] Cerda, ne cum Albano, quicum nunquam convenerat, idem iter faceret, longe compendioſiore via per mare domum ſe recepit.

X. Apud nos rex, poſt tumultum Pariſienſem utcunque per regnum compoſitum, veritus, ne in Germania principes ob id ab eo alienati in Andini fratris regnum Poloniae ambientis coepto feliciter negotio minus ſe aequos praeberent, Gaſparem [e] Schombergium praeſtanti virtute et fide ſibi perſpecta virum eo legat exeunte Februario, ut ſparſos de ſe rumores dilueret, et libellos famoſos ubique diſſeminatos coram refutaret, principeſque ipſos ad antiquam foederationem cum Francogalliae regno colendam hortaretur. Nam ab adverſariis ubique jactabatur, regem cum pontifice et Hiſpanorum rege in Proteſtantium perniciem ſecreta conſilia agitare, ex [f] Caſtellionaei maris praefecti caede et ſecuta mox cardinalis Urſini legatione colore quaeſito; idque Fridericus Baioarus Palatinus ſeptemvir inſito religionis ſuae tuendae ardore facile ſibi perſuaderi paſſus erat, ac vix tandem a Jo. Caſimiro filio, qui rebus noſtris ſummopere favebat, ab ea opinione dimoveri potuit. Ad eum primo miſſus Schombergius, cum ſuſpicionem facti neceſſitate purgaſſet, cardinalem Urſinum a pontifice ad regem miſſum duo ab eo petiiſſe dixit; ut concilium Tridentinum per regnum curaret promulgandum, et in foederis ſacri contra Turcam initi ſocietatem veniret: ad ea autem reſpondiſſe regem; de concilio adſentiri non poſſe, quippe cum id minime neceſſarium ac rebus ſuis ſumme detrimentoſum eſſet, noviſque in regno tumultibus, quos quantum in ipſo erat vitatos cupiebat, cauſam praebiturum: quantum ad foedus contra Turcos ineundum, ſe nulli principum affectu in rem Chriſtianam cedere, ceterum eo ſtatu res ſuas nunc eſſe, ut bellis externis temere ſe implicare non debeat, ſed in eo laborare, ut pacem domi et foris habeat; et vero experientia didiciſſe, amicitiam, quam cum Turcis colat, plus reipublicae Chriſtianae prodeſſe, quam ſi bellum aperte cum iis gerat: cum hoc reſponſo pontificium legatum dimiſſum: de cetero quod Lutetiae actum ſit, non conſilio ſed neceſſitate a fortuna impoſita accidiſſe, ex eo patere, quod poſt ſedatam tempeſtatem nulli Proteſtantium in agro et urbibus injuria facta, nullius conſcientiae vis allata ſit: Andinum regis fratrem ad [g] Rupellam quidem haerere, non tam ut oppidanos bello infeſtet, quam ut eos ad imperata faciendum cogat; hocque demum ab illis petere ſolum, ut eum admittant, ſalva conſcientiarum et ad conciones conveniendi libertate: neque vero cuiquam recto ac minime praeoccupato judicio de re publica ac regis ingenio exiſtimanti, nedum

INTERPR. [a] *grand commandeur de l'Ordre de Santiago.* [b] *Don Juan d'Auſtriche.* [c] *Savoye, Franche Comté, & Lorraine.* [d] *le duc de Medina Celi.* [e] *de Schomberg.* [f] *l'amiral de Coligny, ſieur de Chaſtillon.* [g] *la Rochelle.*

CIƆIƆLXXIII. CAROLUS IX.

nedum prudentiſſimis Imperii principibus in mentem venire poſſe, regem in Proteſtantium Germaniae caput cum Hiſpanis foedus ſecretum icere decreviſſe; quippe qui ambitioſa eorum conſilia perſpecta habeat, neque per perniciem foederatorum principum ac civitatum ad monarchiam, quam tam diu illi parturiunt, conſtituendam, hoc eſt, ad diriſſimae ſervitutis jugum univerſae reipublicae Chriſtianae imponendum, viam barbaris hominibus munire velit; imo nihil magis in votis habere regem, quam ut exemplo deceſſorum ſuorum arctam cum Imperii principibus amicitiam et conſiliorum conjunctionem habeat; et, ut egregiam ſuam adeo erga illos voluntatem facto ipſo adprobet, eo arctiore cum Angliae regina ſe vinculo obligaſſe, invitata ipſa nuper, ut filiam unicam de ſacro lavacro ſuſciperet, et renovata de Franciſci Alençonii fratris nuptiis jam pridem injecta mentione: neque vero deſperare, quin res ſumme ſibi et univerſae Germaniae expetenda felicem ſortiatur exitum; ad idque magnopere optare, ut ipſi principes partes ſuas interponant, atque inprimis Palatinus ſeptemvir, quem gratia plurimum apud Angliae reginam valere ſciat; cupere inſuper, ut electionem [a] Andini fratris commendatione ſua adjuvet, quo ipſe tanto beneficio obſtrictus, et tam potentis ac rebus Germaniae opportuni regni potens, duplici vinculo coeptam cum majoribus ſuis amicitiam colat, et rerum arbitrium, quaſi bilancem, adverſus praeponderantem Hiſpanorum potentiam pro parte ſua teneat ac moderetur. His coram expoſitis Schombergius cum videret Caſimirum non parum commoveri, quo majorem periculi Germaniae libertati impendentis, ſi ſe principes a regis Chriſtianiſſimi amicitia alienarent, viro ſagaci metum injiceret, ſecretum nuper Romae agitatum conſilium, accepta ab eo fide, ut illud non evulgaret, ſumma fiducia communicat. Romae allato, Palatinum, Saxonem et Brandeburgicum ſeptemviros de Caeſare ex ſuae doctrinae addictis principibus creando excluſis Auſtriacis ſerio cogitare, in idque Moguntinum archiepiſcopum ad ſuas partes pertraxiſſe, pontificem ultra modum animo commotum aiebat Schombergius, et Philippici oratoris, ex quo id reſciverat, inſtigatu IX delectis cardinalibus in arcanum seductis, quo perniciem ex illa ſeptemvirorum conſpiratione toti Germaniae atque adeo rei Chriſtianae impendentem averteret, ſeptemviros ob ſectariam labem quaſi indignos jure electionis privare, illudque in ſe transferri, decreviſſe; quod haud ita effectu difficile videbatur Auſtriacis Philippi viribus ſubnixis, et ſeptemviris ob recentem caſum Pariſienſem a rege alienatis, ac propterea tanto auxilio deſtitutis. Quod eo a Schombergio dicebatur, ut Proteſtantes principes proprio periculo territi ſe reſpicerent, et mature cum rege in gratiam redirent, atque in regni Polonici petitione ſi Andinum non adjuvarent, at non ei adeo in Auſtriacorum gratiam adverſarentur. Cum id Caſimiri animum non mediocriter pupugiſſet, et ille operam ſuam non ſolum apud Fridericum patrem, ſed etiam apud ceteros foederatos principes prolixe detuliſſet, Schombergius [b] Francofurtum ad Moenum conceſſit; ibique coeptum interventu Galeacii [c] Fulgoſii a regina miſſi cum [d] Lud. Naſſovio Arauſionenſis fratris nomine paciſcente negotium perſecutus, his conditionibus cum Naſſovio tranſegit: Si rex Philippo in Belgicarum provinciarum gratiam bellum denunciet, Hollandia et Zelandia jam nunc in poteſtatem regis tradantur, ſalvis juribus, privilegiis, immunitatibus et libera ubique conſcientiarum ac religionis, quam in oppidis et agro colunt, profeſſione. Si armis aperte cum Hiſpano agere noluerit, mutuo datis CCC florenorum CIƆ, quae tunc maxime urgebantur, quaecunque loca a tempore pactorum bello quaeſita fuerint, regi cedant, eaque tradere Arauſionenſis teneatur: ſi nulla loca capi contingat, nihilominus Hollandia et Zelandia legibus ſupra conventis regi cedant, in eamque rem princeps aliquis e Germania fidem obſtringat, Arauſionenſem pactis ſtaturum. Haec ita in arcano cum

Ludovico

INTERPR. [a] *le duc d'Anjou.* [b] *Francfort ſur Mein.* [c] *Fregoſe.* [d] *le comte Ludovic de Naſſau.*

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+41: ,1ˢ . "2: 1ˢ,1*:0*6.ˢ 02 , ,02.6ˢ 60 *ˢ . - .ˢ ./ - .*+ -ˢ50ˢ - ˢ ˢ
50 + -ˢ: 1"0*6. 5 0* .6 1*08ˢ .,050 06ˢ4+ -ˢ 5 5 097+ -ˢ$1"1* ,+ -ˢ5. .6ˢ:."4. -ˢ ˢ ˢ
*60ˢ5 *, 508ˢ12*1/ 18ˢ .4 3*0 -ˢ .", 0ˢ 01?,1* "1ˢ +6ˢ ˢ *4 * 8ˢ 0" 90 06+ ;ˢ
0"04 1*0 -ˢ: ˢ.50 6.ˢ4 6+ 2. 06ˢ0+ - 3+0ˢ5(N E0 - .* . -ˢ *ˢ$1"1* ,+ -ˢ 09*+ -ˢ&0ˢ
< 0*60 - 6 .* 6+5 17 20 06ˢ? *ˢ 4ˢ +9+ 6+ -ˢ"0560 - : -ˢ 40 -ˢ12" . 0ˢ06ˢ40,0*6ˢ
- "" .ˢ03+ 6+ -ˢ,+ -ˢ 6 50*4 1ˢ *ˢ&ˢ - 0* 0 8ˢ51"" , 6+*.ˢ 0ˢ 40ˢ: , -ˢ.ˢ .0 0ˢ.,ˢ
,056.ˢ ˢ " +8 *0 6+8ˢ 09*1ˢ516 06+ ˢ 1 0ˢ +6ˢ? E04.** -ˢ." . 3+0ˢ ˢ 1 + .0ˢ , : ˢ
6.608ˢ .2ˢ - 50 1ˢ.&+"^ˢ*0,*1*ˢ06 :1* .0ˢ0. *ˢ5. 60 -ˢ3+. -ˢ$1"1* 7.+4ˢ 6.ˢ4+Uˢ
4+ -ˢ@+ 8ˢ +ˢ 0,0 +*6ˢE0 - .* ,1ˢ - 50 1ˢ 0 6 6+.6ˢ 0 + - 56 2+8ˢ06ˢ(./1*ˢ,.+6+ -ˢ
(", .0ˢ0.ˢ5. 60ˢ3+.0ˢ 0560 - : [illegible]4 6 1*9*ˢ6.*9 6ˢ155 9*0 .6.ˢ 4ˢ3++ -ˢ5 - + .ˢ0/ˢ
A1ˢ(6+ - 1ˢ 0 , : 6(,71 - 20 9 +8ˢ50ˢ" 60 .8ˢA1.** 1*"+, 1ˢ&."0*6 . 0ˢ05 0151ˢ
" 9* , .6ˢ06ˢ *40ˢ . 0"".8ˢ.4ˢ h ""0" - + -ˢ 0"%+ -ˢ60*4 6ˢ' .ˢ3+1ˢ: /ˢ6.*40 -ˢ - 50ˢ
6 . : 6ˢ +6ˢ1 .62 08ˢ *ˢ *9" . -ˢ - 660 06ˢ,1*, " .*4 8ˢ 0 0* " - .0ˢ 09 *.0ˢ,+ -ˢ "0*ˢ
,1* 1ˢ* 56 8ˢ ,1*4 6 1*0ˢ .4<04.ˢ+6ˢ$.".6 *+8ˢ ,560 - : ˢ0140 -ˢ1 , 1ˢ .5+4ˢ 0. *ˢ
40 +*90 06+ ˢ + - : 0 1ˢ+ 90 06 09 8*1 - *3ˢ(,71 - 20 9 +8ˢ .4ˢ$1"1* .0ˢ5 4 ˢ
,0 08ˢ *ˢ *4 *ˢ9 .6 . -ˢ , 20 06ˢ ""0ˢ 0ˢ0/,+ . : 6ˢ 06ˢ5+2" ,0ˢ 01ˢ1 , 1ˢ, 6 .ˢ1 J0*ˢ
"1*0 -ˢ*1*ˢ 1"+ -ˢ .0 . 8 ,+ˢ<. -ˢ,060 ˢE0 - .* .0ˢ5 *, 508ˢ +. - *60 ,0 1*0 *ˢ
19.*6ˢ406+" 0*6ˢ 04ˢ06 . -ˢ *0ˢ 5 1 + -ˢ5 *, 5+ -ˢ *<+ .ˢ40 +*9ˢ 0ˢ*1*51 "0ˢ
1 60*4 6ˢ 4ˢ0/6 0 - + -ˢ * 65*60ˢ(,71 - 20 1ˢ *:0*6.ˢ .6 1ˢ3+.ˢ 6ˢ*1*ˢ"09.6 1*0ˢ ?
5+2" ,.ˢ+6ˢ." ˢ. ˢ- .<1 0ˢ150 .0ˢ5 06 1 ,". -ˢ*0916 + -ˢ.4<+: . 06ˢ4.6 8ˢ50ˢ&0 *0 + -ˢ
?ˢ 5 *9+ -ˢ.ˢ,2* " 8ˢ.4ˢ(157 .*ˢ(9 - +*4ˢ +9+ 6< *+50ˢ40 +*4ˢ06ˢ **.0ˢ *ˢ
.*6 8ˢ 1 1 0 -ˢ 0* , +* : 4ˢ: 4+. -ˢ,1 - - 0*4.6 6)8ˢ" 60 8ˢ . -ˢ" .ˢ - 50* 0ˢ
$ 160 6.*6 + -ˢ414 *.0ˢ.44 4.ˢ + 6 .,18ˢ +5 .ˢ*14+ -ˢ140 .6ˢ06 450?40ˢ **.0ˢ *ˢ
.*6 8ˢ,+ -ˢ *4 *1ˢ*+56 8 V*1*ˢ 1"+ -ˢ.5+4ˢ 1 1 0 -ˢ 04ˢ06 . -ˢ .5+4ˢ$1"1* .0ˢ5 1ˢ
,0 08ˢ 40 -ˢ *ˢ 0" 9 1*0ˢ 0*6 0*60 8ˢ04 - - 0*4.6 1ˢ0<+8ˢ5"+ - + -ˢ;." 6+ .ˢ, 0402.6+*ˢ
5 0ˢ 0" +8ˢ3+ˢ ., 3".*4. *ˢ 0* ,ˢ- 0 - 1 ". -ˢ *ˢ5041 0ˢ 0 ; .2.6ˢ+6ˢ:0 0ˢ9 .6+ -ˢ
0690*0 1 + -ˢ5 0 50 *ˢ40,02.6 " 60 .8ˢ5 1"R.0ˢ 20*0:1"0*6 . 0ˢ 5"0*.8ˢ.4ˢ 09 *. -ˢ
4.6ˢ06ˢ.,0 - + -ˢ." 13+ˢ,.+8ˢ$. 0* 8ˢ 0* + -ˢ,7. 6.6ˢ0 9.ˢ 5 + 6ˢ5 + 3`+0ˢ" ˢ
20 18ˢ.,ˢ$.*,19. " ,+A ˢ" 1 - 0*ˢ 0ˢ51 67.20 ,ˢ60 6.6+8ˢ0 63+.*6+ -ˢ *ˢ 5 4ˢ0 .6ˢ*0ˢ
*ˢ 0"9 1ˢ 08ˢ,1 - 51*0 0*6+ ˢ1 - *ˢ1 , 1ˢ.** 60*8ˢ'3+14ˢ :0 0 06+ ˢ*0ˢ$7 " 55+8ˢ
.2ˢ7.,ˢ ,+ ˢ.ˢ:.,++8ˢ616 8ˢ :R 2+8ˢ *ˢJ .*, . -ˢ20""1ˢ *60 *0, *1ˢ 0 . -ˢ *,+ - 20 06Zˢ
$,ˢ,060 1ˢ + 7 -ˢ20*0 , ˢ"1,1ˢ50602.6ˢ+6<ˢ.4ˢ.21"0*4R*ˢ - 16+8ˢ *: 4 . - 0/ˢ . 60 ˢ
1*.0ˢ*+50 +606 .,ˢ*60 04ˢ 20 18ˢ21* 8ˢ 0 6 6+0 06ˢ0.*40* 3+0ˢ9 .6 . -ˢ - ,1 ˢ
0<+8ˢ: 4+.0ˢ.ˢ(.2 .+4 .0ˢ4+,0ˢ *60 ,0 1*0ˢ +.ˢ - 506 . 06ˢ &I + ˢ.2ˢ *60 ,0 1*0ˢ
3+"40*ˢ 0ˢ 09 *.ˢ0/,+ . : 6ˢ ""+4ˢ:0 1ˢ40ˢ 0 6 6+0*4 8ˢ 1" * ˢ" 20 8ˢ 0/ˢ5 .0 .40ˢ
*09.: 6<ˢ. ˢ"09 2+8,+ -ˢ 1" * 1ˢ.4+ -ˢ<+4 , + - 3+0ˢ6. *ˢ 1"0 - *0ˢ 0:1,. 0ˢ 2ˢ*1*ˢ
*609 + -ˢ0 "0ˢ 0 51*4 6ˢ 1 " + -ˢ4040 .6ˢ 09ˢ(,71 - 20 9 +8ˢ3+1ˢ5".,.6 1 08ˢ [illegible]
ˢE0 - . .ˢ$ 160 6.*60 8ˢ7.20 06<5 .0 0 6 -ˢ *ˢ 09*ˢ$1"1* ,ˢ506 6 1*0ˢ +6ˢ 104+8ˢ
ˢ - 50 ˢ5 *, 5 2+8ˢ.4ˢ40 0* 170 -ˢ06ˢ +ˢ06ˢ *4 *ˢ .6 8ˢ ˢ,+ -ˢ *ˢ 090 -ˢ0" 9ˢ
,1*6 *90 06ˢ*1 - *0ˢ5 151*0 06ˢ (04ˢ,+ ˢA1.**08ˢˢ 1*"+, +8ˢ1 60*40 06ˢ$1"1*18ˢ
* 7 "ˢ.*6 3+ +8ˢ7.20 0ˢ3+. -ˢ+6ˢ5.,0 -ˢ,+ -ˢ: , * 8ˢ.,ˢ5 .0, 5+0ˢ0+ - %+ ,1ˢ,1"0 0*6ˢ
43+2ˢ 5 0ˢ 09 8ˢ*1 - *0ˢ 0" 9 1 0ˢ "" 8ˢ 0 : .6+ + -ˢ *4 + -ˢ,1* - . 06ˢ*0916 1ˢ
,10561ˢ - * - 0ˢ,1*:,* 0ˢ: + -ˢ0 6ˢ+640ˢ 1040 0 . - 5" +8ˢ.90 06+ ˢ3+ 550ˢ0/ˢ3+1ˢ ˢ
E,0 " 6.8ˢ." 3+.*41ˢ 09ˢ$1"1* .0ˢ - 51*,606+ ˢ ˢ% ,6ˢE0 *.*18ˢ. - 8[illegible]5060 0*6ˢ
+6ˢ 20""+ -ˢ7.20 0ˢ,+ -ˢ%+ , 8ˢ0190 06+ ˢ.ˢ3+,@ˢ$1"1* .0ˢ5 1,0 08ˢ - ./ 70ˢ1 - * + -ˢ
.271 0*6ˢ *60 0.ˢ(,71 - 20 9 +8ˢ . 0"" 8ˢđ h 1" 0*2+60"+ -ˢ60*4 6ˢ' *1*ˢ6. *ˢ +6ˢ
ˢ ˢ \ˢ ˢ ˢ ˢ ?ˢ A+" + -

% ,6 $R ;? E &>,(? ˢ8 # ˢ ˢ ˢ ˢ ˢ! / $ ˢ ˢ ˢ
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ˢ ˢ%?ˢ ˢ +9+ 666 -ˢ(./1 ˢ 0560*: + *
% 1ˢ<: ˢ ˢ Q ˢ ˢ -ˢ -

E " 'A+" + 6' -6 : ," -' 4+,06*' \3+0*' .' 1 6 8 5. 6 2+8' . 0*+ -' 0 02.6' ,2*:0* ,6
' '3+.*:' +6' 01' ,1"1 0' ,1 - -14 N8' 06' 0 6 . +"5 , 1*0 -' ,+ -' (157 . : 4+.' 4,' 0, 06 8'
0 '.4' 0. *' - .*4.6 8'.90 06' 6.3.0' ."+6.61' 71*1 ,0'A+" 1' 6.6 -' 0/' 1,,. 1*0'
+* : ,. -' 4 :0 6 6' 06' ,66 -' 0* ,1' # .61*0' .2' 5 .' * "2' 09 6' 5+ 9.6 3+0' 40'
*4 *' .4:0 8$ 160 6.*60 8' * 0 61' .* - 1 + 5 , 1* 2+8' ., - - 1 2+8+2 3+0 5. 8'
6.*40 -' .2' 0.' 0 "' ,1 - - 0*4.6 1*0' - 506 .: 6' +6' 5 1" /0' .4' . - ,18' *' 74 *' 9. '
6 .*' , 20 06' 3 "14' *1*' 5. :+ -' - 1 - 0*6+ -' 0R4 1*' 40 *' 00)6.0' .66+" "0' , 0'
4 6+ ' 1*' 5. + -' 06' .4' 0. *' ,1*6+", 0' J .*, ,' $0 1*.0' 0140 -' 60 - 51 0' .' 1*?'
4.01' *' E0 - .7". -' - ' .4' A1' P$1/ +*' (0,70"" + -' 3+' ,+ -' 17"+, 1' 0 .6' " '
60 .0' 3+ 2+8' 51 6' 04.6+ -' - 16+ - $ T60 6.*60 8' +2 3+0' 50' E."" . -' 4 8<0418' .' 090'
06' *4 *1%+ - - .' 20* 9* 6.60' 46' *44"90*6 .' 7.2 618' .4 - .2.6' 3+14' (,71 - 20 9 '
60 -' 1"0 6 .' 5 1,+ .6+ -' 0 6' 3:"' $0 1*.0' 0 01*0916 1' + - - . *' .5+4' 090 -' 9. '
6 . -' ,1*, " .: 6' *40' A 0 0*. -' 50 9 6' .4' +9+ 6+ -' (./1*0 -' 0560 - : + - ' *+506'
& 0**. ' 3+1' .4' .0 . 0*' *: 0*4+ -' .56" -' 5 1 04+N' " 0 .6' 0:0 + - <' 3+0 *' .'
02+8' *1 6 8' ../ - 0' .:0 + - 12' - 16+ - $. " 0* 0 -' 050 6 ,+ -' ""' 50 +.40 ' *1*'
51" 06' 0/' *0,0 " 6.60' ,) 6 09 ' <.4.2.*6' .4' 0& - ,0*4. -' 4 "" - . -' . 60"" 1*.0'
06' ,1* 0 1 + -' ,1*<+ .6 1*0*' 04' U' 40 6 *.61.4' 40"0*418' 6161' 09*1' $ 160 6.*60 8 '
,.56+ -' .2' 01' 6. *' 5 12 1 -' ,1* " + - ' 3+ 40 -' 0' ,0 61' ,0 6 +8' 0 0' 50 - +'
.63+0' .401' k+ "+' 09 8' .' E+ 1' ,.040 -' 5.6 .6. -' 4.6+ - 3+,' - .*4.6+ -' 0140 -' 60 - B
51 0' 0+*4 8' 5 : *, . + -' 041 2+8' +6' +91*1618' *' .9 1' 06' + 2 2+8' 050 618' +2 B
3+0' .4' 50 * , 0 -' 50 03+0 0*6+ ' 3+14' .' E.0 . 0' 06' + 6 ., 8 *4+4+8' 4 ,02.6' 3+ '
3+14' .4+ -' ." 13+' 9.+402.*6' *' 09 *4 * 3+0' 14 + -' 061 3) 02.*6' :+"9.6+*'
+2' 4' 50' U' & *40" , .*' , 56+ - 3+140' 14." 6 1<0 + 6 ,1' ' 1*.,' :0 *91" 6.4 '
5 4 "0' 5+6.2.6+ 3+1' 4+ -' 0/' 12' 6.6. -' 5 +40*6 . -' 06' . 40*8' *' ,.+ .' 0" 9 1* 8'
6+4 + - ' 3+14' *' ,.040' $ 260 6.*6 + -' *+50 ' - ?.* 0 6+ -' 0,0 .6' 0/3+ 6 8' ".+4 2+8'
L,1 - - 0*4.2.6+ ' "+ - - .' *60 -' *: 4 .' .5+4' $ 160 6.*60 8' - 50 ' 5 *, 508' 1*0 . '
2.6+ ' ' ,1* 6" 1' +6' 20*0' 5 1,040*8' 0"04 1* 8' *0916 + -' ." 0*.6 8' .' 090' 1040 .6 8'
06' . - , 8' 4 6+ 2. 06+ ' 06' *4 *+ -' *' 090 - 0" 9 ,1*6 *90 06' 6 .*< 6+8' 0<+8' 50 '
E0 - .* .*"' - 504 06+ ' G+14' ,+ -' (,71 .20 9 +8' . 6 , 1 0' .2' * 0 6 8' E."" ,1' *1B
- *' 06' E0 - .* ,.0' 6 .*3+) 6.6' 71 6 2 8' ,1* 4+ -' - +"6 8' .6 1* 2+8' .5+4' +B
9+ 6+ -' 5 12.60' ,1*. 06+ ' +50 :0* 0*60' "09.61' .0 . 01' 0/' 0<+8' .4:0*6+' 1,,. 1*,'
+ - 56.' 9' 5" . -' : ' .' 0 0*.' - "" . 2+8' 4 :0 6 6' *0' ,1 - 5. .6 1*0' "" +8' - *+8'
7 * ,0' .' 0560 - : 1' . ,056+8' : 40 6+ ' 2' 01' 60 - 51 0' 50' ,1* " . 18' ,+ -' + '
9 61' 4 *' *60 -' :."06+4 *' ,+ .*4. ' :.,. 06' 09 6' .' 3+1' 6' * 7 "' ." +4' 126 *0 ,'
516+ , ."60 6 0+ "' .4' ,1*4 6 1*08' .*60.' 0+ -' E.0 . 0' ,1*:0*6.8' 09* 1 0 -' 044 4 6'
40' .*4' 02+ 9 ,1' 056 - & 1' - *+8' 1" , 6+8' 3+14' 0+ -' 06' + 6 ., 8' .44 4+ - ' 06'
* 7 "' 3+14' .' 90*6 " + -' +1 + -' 2 " .0' 5' *, 5+ -' *,1 - - 14+ -' :0 90 06' .4+ + -'
0 02.6' ' ' L
\ ' # ' .5+4' *18' ,+ -' .040' $. 0* ' 2 - * *1' 4020"".6+ -' 5+6. 06+ ' 0'
50760' 20""+ -' +2 3+0 0, +4+ 6' *' (056 - .* .' 0* ,+8' 1 - 1 .*6 +8 . - : "".'
5 1: *, .0' 5 . 08' 3+' : /' .2 0*6 .0' .60 - .0' 20*0 , 1' 50 ,+") - +606 .0' 0:. 06.6'
.6' 60 - 51 ' 12 0,+*4. 06' 06' .+41 6.60 -' 06 *0 06' ' .": 1*0' 06' 1*50 .61' 1,,+ '
A@.6 8' (1 - .0 . -' 4+, 6' 06' "1,+ -' ,1 1*.' , *9 6 *' 4' J02' ,+ -' :' , *' 504 6+*:'
3+1850 ' +2+ 2 .' "0 - 4 +6.' ,1 - - 140' 4 6 2+ 6' 55 4+ -' ""+4' . ' - 1*60' ,+ ' +2'
04+ -' 0 6' *1 - ,*' 1 6 6+ -' .03+." ' *60 :." 1' 71,' 0 6' 6 2+8' "0+, 8' .' 1*50" 1'
06' L 0 - . " 1 .20 6 ' 06' . ,0 -' 09 . -' *' * - 1' 7.206' : *061' :. 61' .4<+*41' $1 8
' '3+ *3+0
M5b. 5 ' 33=)!' ! +'('!' >3+)' ")!' "> >3(3 >!9)!)!' =3B !' =!)3+)")3'9 321' 3H ')")215'
+'C2'>3 1' +3 3=)!' ' ' D A
' ' / /4 ' '4 A' ' ' + .' $' ' ' '% 6
:' / .' ' ' .' ' - ' $5 & .' ' ?' ' .' ' ' 6 ' 6 * '5 A/
' 6&&' ' # ' + $' ' !)"B23 "GG3(X-3 0 ' W

ʼ ʼ ʼ ;
U ;
3+ *3+0ʼ *6 .6+ ʼ ʼ 3+. +-ʼ +*.ʼ .4ʼ5 0*60-ʼ :0 9 6ʼ ."60 . ?ʼ 1 906 .*.ʼ :6"91ʼ4 4.ʼ " ʼ
*60ʼ1,,. +-ʼ06ʼ 056 6 1*0- 6.ʼ0 6ʼ6 08ʼ." .0ʼ -0 4 0-ʼ 50 6.*6ʼ06ʼ0/ʼ 8ʼ+*.ʼ ʼ ʼ
51*6.*.ʼ .ʼ 51*60ʼ .*6 3+ʼ 150*8ʼ &1,.6.ʼ 3Z ʼ :1 .ʼ 1*60ʼ ʼ& 41 " 1ʼ 40 ;.61ʼ ." 8ʼ
1*6 2+8ʼ .,ʼ :+" 8ʼ.+ "1ʼ555 4ʼ -50* .ʼ.""+0*6ʼ -55 66+8ʼ0 6ʼ U4 0- .*+8ʼ.4ʼ.*9+ʼ
A+-ʼ6+ 8ʼ ʼ .+4.6.0ʼ6+-+"+-ʼ0ʼ60 .ʼ1,, 6.:0 .6ʼ06ʼ."60 .-ʼ.4ʼ."60 .-ʼ155 4ʼ6+ ʼ
0-ʼ06ʼ 5 15+9*.,+"+-ʼ7+- Rʼ *ʼ 1 .ʼ 0 6"*.6 8ʼ150 2+8ʼ *60 0.ʼ0/6 +/0 .6ʼ (04ʼ
155 4ʼ51" 6+ʼ40," :ʼ 02.6ʼ+6ʼ0/ʼ,5"" 2+8ʼ, ,+-51" 6 8ʼ02 0""ʼ9 .: 60ʼ * 0 6. 0*6+ ʼ
,/ʼ +*1ʼ * ."60 . - ʼ06ʼ0 ʼ."60 1ʼ405 +-ʼ" 20 1ʼ5 1 506"+ʼ06ʼ0<.,+".6 1*0ʼ ʼ ;0 +-ʼ0. ʼ
,1 - -14.ʼ 40 0 1 +-ʼ ; 6+8ʼ "1*91ʼ60-51 0ʼ +50 .: 6ʼ +-ʼ E 0- .*1ʼ 0 .*6ʼ
?ʼ(.*,". +8ʼ(.* .: + ʼ 1*50 .6+8ʼ3+ 3+0ʼ,+-ʼ +.ʼ .- " .ʼ06ʼ." ʼ 6 0*+ʼ1 4 *+*ʼ
4+41 08ʼ $1 6 4 0ʼ6+ 8ʼ51*6ʼ -51 6.ʼ65 -0*6 8ʼ5+" .6.ʼ0 6ʼ06ʼ 9* 8ʼ51 6.0ʼ .4ʼ
ʼ -1 -8ʼ 04ʼ*+) 35 1 04+ 3+ 5503+ 12 0 ʼ51-10 1 -1-+* :0 .76ʼ % 4+1ʼ
51 6ʼ*1:.-ʼ:0 20 .6 1*0-ʼ .-ʼ: "".ʼ4 9 6ʼ,+-ʼ: ʼ-.,7"* 8ʼ.2ʼ0.ʼ5. 60ʼ3+.-+ʼ
+8ʼ *40ʼ. ,ʼ *40ʼ: *061ʼ,1**04 6+ ʼ+6ʼ6 238ʼ + * 8ʼ04 6 8ʼ0140-ʼ60-51 0ʼ *ʼ155 ʼ
4+- ʼ. ,0-ʼ06ʼ : *06+-ʼ : 8ʼ 0 06ʼ $0ʼ6 08ʼ4 08ʼ,1*6 *+.6.ʼ5+" .6 1*0ʼ6+ 8ʼ 3+.0ʼ
+ *.-ʼ40 0*402.6ʼ40<04.ʼ0 6,ʼ 04ʼ +40 .ʼ,1*6 .ʼ3+.-ʼ 02.6+ .-: "".ʼ,+-ʼ *ʼ 0ʼ
+2 04 "0*6ʼ *03+0ʼ *%1 ".-ʼ5 1, 4 "0*6ʼ01ʼ4 , " 1ʼ.,,0" +8ʼ155+9*.*6 2+8ʼ 04ʼ
4 -8ʼ0 6ʼ & ʼ .4.ʼ5 .0 4 . ʼ +--.ʼ 0ʼ : 6+60ʼ40 0*40 +*60/ʼ."61ʼ5+9*.*608ʼ06ʼ
60ʼ018ʼ / -0ʼ,1*"5 ,+ʼ ʼ . .6+8ʼ ,-.+ 0*" 8ʼ06ʼ 5* .,+8ʼ 1*50" 0*" 8ʼ 3+ʼ
9 .: 60ʼ .+, .6+8ʼ + 6ʼ 6+ *ʼ -+" 0 08ʼ -.9* 8ʼ .* 8ʼ6.*3+.-ʼ5 1ʼ ."+60ʼ,0 6.2.*6ʼ
, .6 2+8ʼ 1"0 8ʼ,<.: 8ʼ,5* / 8ʼ, 0+" 8ʼ 0 0 8ʼ,.*40*6 2+8ʼ 40<04 8ʼ .4ʼ 406+ 2.*428ʼ
09 18ʼ %.*40-ʼ "" 05+" ʼ,+-ʼ4.-*1ʼ40 40 .6 8ʼ0/ + 8(ʼ "6.-0 ,+ 1ʼ -.* 1ʼ ʼ
,6ʼ 1*50 + 1ʼ 5 1ʼ-.9*ʼ*1- * 8ʼ *60ʼ018ʼ4+, " ʼ .9*.ʼ5+":0 8ʼ50*+ .ʼT2ʼ
0ʼ ʼ".21 .2.*6ʼʼ3+1ʼ 02.6ʼ+6ʼ5. ,+8ʼ*0,ʼ* "ʼ40 6 *.6 8ʼ 4 2+8ʼ ,"1550618ʼ - *+8ʼ
<+ 61ʼ1*0 .618ʼ013+0ʼ - *1 0ʼ".0 1 +-ʼ4.-*1ʼ4 5"140 0*6 . 1ʼ-.,7 7 8ʼ+60 0*6+*ʼ
.-ʼ 05+" .* 9*1- * 1 .- .6+8ʼ .-: "".ʼ 3+0 *ʼ.2ʼ12 4 1*0ʼ 6.6 -ʼ4 ,0" + +*ʼ
2ʼ (1- -0 0* 08ʼ50 +. 0 .*6ʼ .* * +-ʼ12 -.6ʼ06ʼ: ʼ 1*ʼ . 6<.8ʼ:0 20 .6 1?ʼ
ʼ*0-ʼ * 6.+ .6ʼ *60ʼ 1 906 .*.-ʼ51 6.-ʼ066+ 0- .+4.6.- ʼ+2ʼ04 6.ʼ *90*8 + *.<ʼ
3+.0ʼ " ,06ʼ 01ʼ3+0 *ʼ4 / ʼ0/6 +41ʼ.ʼE 0- .*1ʼ 0ʼ,0 5 6 2+8ʼ6+-+"1ʼ40 0*40 06+ ʼ
6.-0*ʼ 40,+ ".6.ʼ61 -0*6ʼ06ʼ,1"+2 *.0ʼ0ʼ,1" ,ʼ: , *1ʼ *ʼ".6+8ʼ 0 0*60ʼ0<.,+".6 1*0ʼ
40 0* 1 08ʼ3+1ʼ- *+8ʼ5 1ʼ + *.ʼ,1* 60 0ʼ51 "0*6ʼ5 17 202-6+ ʼ06ʼ ʼ3+ 40-ʼ01B
40-ʼ4 0ʼ: 8ʼ .4.ʼ + 06ʼ50 ,"6.2.*6+ʼ12 0" ʼ 04ʼ 0ʼ12ʼ.4:0*6+-ʼ// ʼ&. 01*+-ʼ
"9*1 +- ʼ 3+.0ʼ 0* ,+8ʼ J1/ +8ʼ .*4.".ʼ .-: "".0ʼ 1 1 +8ʼ4+,02.6ʼ *ʼ4 0-ʼ 0?
ʼ 3+0*60-ʼ4 ".6.ʼ *6060.ʼ5 .0 4 . ʼ6+*<+" 8ʼ+6 *3+0ʼ.4ʼ .<*.-ʼ0/, 6.6 8ʼ06ʼ4+4.ʼ *N?
60 1 0ʼ 1 ".ʼ 0ʼ-+* 0 +*6ʼʼ06ʼ,+-ʼ51 6 4 0ʼ +2ʼ-0 4 0-ʼ *506+-ʼ0, 0*6&. 01ʼ
08ʼ -.9.ʼ: ʼ 06ʼ."., 6.60ʼ *506+-ʼ + 6 *+0 +*6ʼ06ʼ 09 18ʼ -.9*1ʼ,+-ʼ4.-*1ʼ 0ʼ
5+"0 +*6ʼ G+14ʼ.4ʼ *<+ .-ʼ 0:1,.*8ʼ .*4.".ʼ71-1ʼ5)0,058ʼ06ʼ.045 :.6+-ʼ40,+(ʼ
50 6 *0 ʼ0/ 6 -.*8ʼ ʼ *0ʼ." 3+1ʼ5 06 1ʼ.2ʼ155+9*.6<1*0ʼ4 0040 0ʼ,190 06+ ʼ." .ʼ
5. 60ʼ.4ʼ. ,0-ʼ: -ʼ .,6ʼ *ʼ3+.ʼ.- " 8ʼ,,ʼ0ʼ + 8ʼ06ʼ 5 0ʼ *60 , 6+ ʼ 8ʼ5 4 0ʼ *ʼ5 ?
ʼ :.61ʼ,3""13+ 1ʼ: ,0-ʼ 0ʼ5+2 0.*.ʼ41"0 0ʼ .-: "".0ʼ,1* -.:0 .6ʼ3+.ʼ 0 ʼ4 ,02.6ʼ
+- -.ʼE."" ,ʼ*1- * 8ʼ * .- .ʼ+6ʼE." 3+1ʼ -5+ " -16+-ʼ*02+"1*+- ʼ7.0,ʼ0<+8ʼ
:0 2.ʼ*16.6.ʼ +*6ʼ" 2 4 *ʼ -1 0*"90 0 2*6ʼ 0ʼ -+6+.ʼ50 * , 0ʼ,1* ,0 0*6ʼ .ʼ-1 8ʼ
-.9*1ʼ,+-ʼ .-: "".0ʼ41"164ʼ*0,ʼ- *1 0ʼ +2 +-ʼ-0) 9*.6 1*0ʼ,1*<+*4.ʼ 6ʼ3+ʼ
5 + -ʼ12ʼ0. *ʼ20""ʼ -1 .-ʼ,6ʼ * 0" ,0-ʼ +,00 "+- *: 4 1 0ʼ,. 502.*6ʼ3+. ʼ60-518ʼ \ʼ
.4ʼ .*90*418ʼ 09 1 +-ʼ ,1*.6+8ʼ40ʼ *4+ 6 .ʼ *+6 " 60ʼ0/6 .70 06ʼ 6.3+0ʼ" ,06ʼ.ʼ
$.+" * ʼ: ,,,166 60ʼ3+ʼ?$14 +-ʼ .+ 0*6ʼ *ʼ .9 1ʼ .+ 0.,0* ʼ60*02.6ʼ0//ʼ40"04ʼ
*ʼ155 4+- J"1 14+41 0ʼ *6 14+4 <0 0 6ʼ .-: .ʼ3+ʼ< +-1 08ʼ40ʼ 0ʼ 5. 18ʼ
ʼ *1*
. . . 7 ʼ ʼ ʼ2f #ʼ ʼ #$ ʼ($ ʼ ʼ *)ʼ46ʼ ʼ9 !! !$ ʼ# ʼ ʼ)$
ʼ 2ʼ e ʼ ʼ $0 ,#ʼ2ʼ ʼ !# 6 #ʼ 2 # ʼ ʼ" ʼ " ʼ ʼ !# ʼ ʼ -$# <ſ
! " $ ʼ " !) ʼ ʼ ʼ2 ! &$$ ʼ(&ʼ ʼc# ! $ Lʼ; /# !ʼ)2
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" *T* 9*2 . 06 &0 20 .6 1*0 - 0506 6 *90 6 3+0 04 6. .4 : *06+ - * *. ,+ - 6.
* ,* 6+ 8 4+5"0/ * .*9+"1 : *06 : 61 - 0*61 + *40<04. 0140 - 1 6+*.0 20*0 , .
5 .060 50 - G2 0 "2 + - 4 , "0 - . , ,0 "+3. + - 50*6 2+8 0, "%06 .) 3+. *6+ - 0
6. 4.6+8 09 1 - - - 506+8 + 6 *60 0. 0"+ 1 50 ,1""13+ 50, 0 - . - : "". + -
3+0 0 + +8 *6+8 5 1 60 - 51 0 - +* ; 0*6 5 .0 4 . 01 0 - .4 0/6 0 - + - 40
4+/0 +*6 +6< ,+ - . - : "". - .9*1 ,1* 6R+ . - "1, 0/5+9*.6 1*0 - 5 1: 40 06<
.03+ 8 ,1*4 6 1*"2+8 40 404 6 1*0 ,+ - 8 6 .* 090 6 53 63+. - D ; " .*1:.*+8 3+
. - : "". - ,1* ,0561 ,1*6 .155 4.*18 24 1 .4 +"6 1*0 - . , ,0*402.6 0/ &+"*0 0 *
12 4 1*0 . , ,0561 40,0 "0 .6 0.0 +0 +*6 +6 - "608 06 155 4.* ,+ - . - 8 +* ;0
3+0 02+8 + 8 *,1"+ - 08 4 - 660 0*6+ 0560 - 4 07+8 .4 0,056+ - 06 ,1") 90*4.8
. , *.8 ,1*,0 ""8 * 0. * 0 - 12 408 . . - ; "". 4.4 ." 0 - .+ + - - " 06
& 4 5 E 0 - .*+8 ,+ * "1, ,"15506. 8 155 41 09 0 ") 8 0 6 155 4.* 0 - .+
+ - 06 * E070**.8 5 1/ - .8 3+1 ,) 3+0 ,1 - - 14+ - : + - 0 6 .2 0 +*6 1 +1?
,0 "+ - +6.6.." 3+.*6+ - 0 + - * (056 - .* . ., 08 ,+ - 3+.*6+ - 14 0/ 0. 12
" 4 1*0 .5+4 09 08 . - : "". ,1*6 ./0 .6 6.*6+ - *: 4 .0 0/ 404 6 1*0 .4 E 0 - .
*+ - 04+*4. 06 3+0 - + +6 . - : "".09 .6 ,. 06+6 *+"". *0,0" 6.60 ,1 - 5+" + -
+"6 1 404 6 1*0 - 0, "0 ,."+ - * .2.*6+ 2 01 60 - 51 0 * 7 * 0. 5 1: *, . .4 + -
.6 3+0 7.2+ 6 . - : "". - " 60 - 4 +6+ * 8 - 1"0 6.0 ., 406 - 0*61 .0 12 4 1* 8 ".
21 2+8 .4+* 50 5 .0 4 . 4 6 2+0 0 *03+06. - 0* $ 160 6.*608 ,0 ".2.*6 3+
3+.*3+. - . - 6. (1 - - 0 . - .9*+ - 0 150 .0 5 06 + - 0, "0 5+6.2.*6 3+14 0
9 1 + - 5 - 58 - 506+8 9*12 " 8 155 4 12 4 1*0 09 "0*6 ., 6. - 4 + 0* 1 .6 0
0*6 - 1/ ,1""04 8 .* - 8 , J"1 0* ., + . 06 ." . , , . . 21*0 - "1, . 1, ,+5.*6
6+ * A1.**0 - D(.*, .+ - 1*6 + - (.* 1 - .* + - l 0/ 5 - . . *12) 6.60 : + - 3+
: / +606 .0 ,1 - - +*0 3 ." 1 . - 50 * , 0 - 0 +90 .6 06 E0*0:. - 0 51*6+"0 .6
0:1, .6+ - 3+1 - .<1 0 - .+41 6.60 - 02+8 + 8 ,1*, " . 0*6 + - - + - - 50 .61 0 -
0+ 0.*6< "09.6 1*0 - 40 * .4 J 40 ,+ - $." .6 *+ - 0560 - : + - 4000 7+*6 .+/ " .
02+8 . " 4 8 5060*608 0. 40 +* +*6: 5 .40*6 . *60 +18 ,1* 5 ,+ g E.":0 +8
06 &."" +8 < 06 $.".6 *+ - 56 *, 50 - * ,1 - - +* , .+ . +"6 . 3+. - 4 , 5160 6 20*0
.* - .6+ - ., "0 .4 ,1 - - 0 .6 1*0 - ,1 - 6*1:0*6 ., - "6.40 09 09 . +. 0 9. 5 18
:1"+*6.6, 0 0 +*6 4 *6+ 8 06 . - .+/ " 8 50 .4 . 04 4+ - 4 :0 68 6 *0 2+8 0
40+*6 &."" +8 *,5"+ - 8 .4 +18 50 :0* 6 .";0 +8 .8 E1 4 1 , .56+851 60. . -
: "" ., *60 :0*6+ " 20 .6+8 0 6

A $, 06 $+ *+ - 6+ - +* 6 - , .60""+*.# 714.*1 - 51 6+ - 06 .4 20""
5, ,. 1*08 .6 51 60. 0:0*6+8 41,+6 :."40 1551 6+*+ - .$ 160 6.*6 2+8 *60 ,056+ -
0 6< 06 6 + 1 + - 1" - 4 +6+ - 155 4+ - 0/ .4:0 1 &."0*6 .0 * 714.* 6 40 -
5. 6+ - .2 5 8 - +* ,1056+ - 6+ 06 D & "". *5:. *& :. 0* .9 1 *60 ,056.
. $ 160 6.*6 + - 5160 6.60 - <. - .*60 :0*0 .6 0. * V 190 +8 ,+6 +50 1 0 " 2 1
4 / - +8 09 8 *1 - *0 1, ,+5.:0 .6 0.3+0 1, ,+5.6.] . 1* +8 .2 "+ - .4
$ .40". - : + - *12 "0 - ,1* +90 .6 +*40 6.*3+. - 0/ 04 6 1 "1,1 &) ".*1:.
+2<04. "" 8 3+16 4 0 .*60 5,+"18 12:0 .*8 - 0 - 1 . - . - ".0 5.6 .0 0*1:.2.6
. 1* +8 $:.6 .*+ - 5 .0 4 1 60*02.6 $ .40". . .2 1 .0 . 1 - 1* 6+8 : . 6
*60 , 5 0*4.0 & "".*1:.0 * 51 "0 6 ,".67 0 0 50 3+18 60 - 51 0 5"+: 1 .3+.
+ 20 - . " 0*8 0 + 6 0 *9.*6+ 6,+6 +50 1 2 8 .** 8 0 - .+ .4 6.6+ -
+0 .6 . 1* + - 0:1, .6 06 0 - *1* *09" 90*4. - 0 - 1* 6 .6 . 1* +8 50 ,+"+ -
06 4 ,+"6.608 :0 6+8 0. - - * - 060*6.*4. - ,0* 02.6 3+14 4"<*0.+/ " 8 50 .9
*1*51 "06 06 ,+ - "20*.,0* 2+8 *0,0 ". 1 - - +* ,.*4+ - 0 .6 3+1 .4+ -
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% $ V ! 2 > . ! D + "
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.+906' 06' + 50418' *' 155 41' ' ,+ 614 . -'6 +4 6' 6 -' . 4++8' *' 0/,+2 8' 1" , 6,' " '
.90*4 8' ,1 - 5"+ 08' *1408' * 2 - *0 8' 4+,R' %. *40 - ' *, *60' . 6 1' ,+ -' ,15 .0' ' '
,1* :0* "0*6' . 3* +8' 3+23+0' .20"". -' .' $ 440".' 0&1, .6 8' :0* 6' +2:0 50 . - '
1' 6. - 0*' 6. *61' "0*6 1' 3+ * 190 +8' 40' 0<+(' .4&0*6+' ,0 6 1' .4+8' 6' 3+ ' " ,06'
< .05+8' 40"+ +8' 40*+*4.6 1*08 " .8' , 02 .8' 7. *0 8' ". : .8' 0 "0' ,/ 6 *. ,6 '6. - 0*' 5 .0
' 0*6' 9* , .6 1* 0' 50 ,+" +8' - .6+ 0' 51 6.8' ,". +4 ' <+206' 06' *140 - ' 0. *' * 1 - * '
09 6' 4+5" , .6 8' 6.6 1* 2+8' . ,'50 ' - 10* .'06' + 2 8' 5". 60. 8' 4 51 6 8' 6+ *' . , ,0*4' . ,08'
54' 0*0 6 .8' 5. -' - 50 .6' 6.' +6' + 28' 616.' ,1""+ ,0 06' 5 0' ,+ -' 40"04 8' + 2 8' ,+ 61'
4 .8' , ,+ - 6' 6' .*0' ' 1, ' .4' 71 . -' ,1*4 4 . - ' 0.' 0 .6' 5 1/ - .'51"" 6*04 . -'
*140 - ' .4 + 0*6' 7. +43+. 3+. -' 190 + -' <' 6. *6.' : 9" . + -' 03+0*6 .' 0 0)'
" 0*6' I&0 + -' 3+14' ." .'5"0 + - 3+0' ,1* " .' 0:0 6 6' 4+,+ 66' ." 13+ ' :16 8' ,1* ,1 '
4 . *6 + - ' 0 ? *' * 141' . ,' .6 1* 0' 4 40*6 + 6 ' ,2*60*6 1' 0 - ' ,1 * 04 ' 404 6' . -'
4+ -' . 1* +8' 0 -' +6' 4 ,+"6.6 8' 5"0*. -' 2. +4' 0*6. *4. -' 4 ,0*8' *1: .8' +2 *40' - 1'
.8' ,1 - - * , 6 ' 0 -' *' - +"6. -' *140 -' 50' 4 ,056.6 1 08' 0/6 .7 6' $0 : , 6' 6. *?'
40 - $ .40". 0. 40*8' 40 40 +* 06. +41 R.8' +6 0860*6. 06+ ' 9 6+ ' "" ' 50 ,1"" '
,+"1 +* ' 3+ 2+8' & "". *1: .' , ,+*4.6+ ' .* .4+8' + - - 1' *14 8' "0*6 1' *,040*608'
<. -' ""+,0 ,0*60' .+ 1 .' .4' 1 . - 0*' , .*,0"" 8' 0 0 8' 12 056+ -' . , ,04+*6' 3+1' 60 * ' '
51 0' 190 +8' 0.8' 1" 6.8' "+4 , .6 1*08' , 040*8' ,+ -' *140 - ' 1" , 6. -' 09 " 06' 0 - "%.'
5.+"+ -' ,+ 614 . - -' 4 " 90*6 .' 41 - + -' - *1' 0' 4.6+ +8' 506 6' 06' - " 608' S+,' ""+, '
3+. ' * 7 "' 50 ,+" ' . - 5" +8' +20 "06' .4' 1 - *+ -' , .5 0*4+ - 4 ". 2+*6+ ' %+ - ,". 67 8'
0:+" 8' 40"04 ' +20+*6' 06' 5 - . 6.6 1*0' , - 1 - * ' . , "0' 126 +*, .6. ' 50' : .8' 4 '
,+ 0*608' +20+*6 2+8' 1, 8' 155 4+ -' , .56+ -' *,". - .*6' p 51 6.3+0' 0 .4.' 1 - *08'
+ - 5+*6' *03+ ,3+. -' 0/' 51 - 10 1' 61 - 0*6 8' 4 H 1 8' 4' 6 05 6+ -' 09 0 +8' 1?'
90 +8' 0 - *+4+ 8' ,+ -' * 7 "' 50' : 40 06' - 1/' 0' 45 - ' 3+. -' <. -' .*60.' - +* :0 .6'
0, 5 6 \' 2: ' 3+ 3+0' 6 +, 4. *6+ ' 06' . ,0 41608' *5 - 8' 3+ ' 0 ' ; *14 ' 7.20*4.0 '
, .+ .' ,1* :0*0 .*6' , +40" 60 ' - .4. *6+ ' $ .0 4 . ' 5. 6 -' .4' 6+ 0 - ' - .<1 ' 51 6.0'
1551 6. - ' 5. 6 -' .4' 60 - 5"+ -' 0' ,1"" 9+*6' 190 +8' 41 - ' : -' + 6 *02.6' 04'
6 4+1' ,+ - ' *' 155 41' 5+9*. 6+ -' 0"%06 .4' 0/6 0 - + -' .' 190 1' 404 6 1' 6' 5 14 6 1* 8'
." 1' .' 09 8' 51 60.' * - +". 61' *40' .4' 5 .04. -' :0 1' - " 60' * 7 "' 0 0' 5 06 1' 4 9*+ -'
.4+ -' ' UE , .0.' 6. *6+67' 06' (.": . "2' 0,056.' 06' - +* 6.' 6.' +6' 0' & : . 0* ' 5 .0?'
04+ .' .4' 0 - .+ + -' 1,40 .6"8' X60 ' 6+6+ -' 0" 06

' #' &0R+* 8' $06 +8' , . 6 1*1: +8' +5 21*+8' 4 10,0 8' "" +8' 5 .0 04+8<'
*. -'616.' , , 6. * . ' 3+ .0' 714 0' :1, .6+ ' *' / / ' 4 10,0 08' 4 6 2+ 6+ ' $ 160 6. * '
6 2+8' 0. *' 09 8' :1" *6.60 - ' 0 0' 40*+*, . :0 . ' +6' ,1* :0*6 2+8' .2 6 *0 0*6' *03+,'
6. - 0*' D . * ' & 6' - +* , 508' 5 1560 0.' ,1*, 1*08' *60 - 0 - *6' .' ' 1*0 4 1' 3+1?'
4. -' ,+ 1*0' +1' 3+ ' 51 60.' E0*0: . -' - 9 . : 6' 0.' 414 *.' <. - 5 40 -' - 2+6
n&. , , .'1 4 *+ -' 4+41 ' 7 0""14 *.0. -' . ,0 -' 20""1' 1551 6+*. -' ,+ -' + - - .' - + '
.6 1*0' + +8' 1, ,+5. 06' 06' - +* 0' 0105 06' ,1*,+ +' + 6 ,1 + -' .4' 0. *' 0, 5 0*4. -'
6 * - *.2+" + -' 5+" +' .41' 5.0*0' *60 6+ 2.6.0 +*6' 150 .0' 04' 0/' & : . 0* ' 4 10'
,0 ' .4:0* 076 2+8' .+/ " 8' 60 6' + 6 , ' +9. -' , .50 +*6' 3+18' &. , , .' * 0,+6+8' - .9 '
*. - 6 .90 -' 01 + -' 04 4 6' 06' *40' 0/, 1* 2+8' " 20 8' +2<04. -' 09 1*0 -' : . 6. : 6
. *' . ,0 -' 51 60.' *61* +8' %+ 8 (.* : 6." 8' &0". +*1 + -' 06' . 910+8' & : . '
< 0* + -' 5 .0 04' *60 , 50 0' ,1*.6' + 6 .' +0 0 ' + -' :0 1"' E+ . 4+8 * , 0* 8'
<* 5." + -' 0' 09 1*0' $14 ' :0' * , ' 1, ,+5. 06' (.* : 6." 8' ,1' ,1* 0 6 -' 4+,R'
+2 ' 06' 9 . : 60 ' :+"*0 .6+8' + 6' 04' ,0*6+ * 8' 5 14 6 1*0' E+ . 4+8' - 1/' *60 04+8'
,6' ,+ - ' , .5 60' 1, , +/ . :08' . , 8' .4' (.* : 6."0 -' ."". 6.0' +*6< - .9*1' * , 0* + -
"0: . - 0*61

! /G/+ /4/+ ' 2' ' , 7 ' + 6 $' ! D $' ' ' /" ' ' 0' 6 ' '
D.' ' ' 4 0' ' 0' 5 .' C + ' ' % 0' '. . $' ' % '
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5 " "0: . * 0.61 + 2 8 71 6 8 6. * : , * + 8 ,1*6 - 8 0 / , + 1* 2+8 2.+4 - 04 1, 606 *
G , 1 - - 14.2.6 # 1*<1 +8 3+13.0 0140 - 60 - 51 0 2E1*4 * : "0*6 .0 .*60 40?
,0** + - *60 04 - 1 6 8 * +*+".6+8 "06 - 1"0 61 12 4 , . ,0 0 4 + 51 60. :0/.6+8
,+ - 0/ 0" *.6+ - & ; . 0* 0 - 10,0 - 6 .* %06 +6,". . - . ,0 - .667 .
,+ ,1 - - "%. +0 .6 5 14 6. - , , 50 06 * * 4 .8 5 .0, 5 6. : 6 06 ,+ - + 8 , .0 +8
51 6 0 - 1 1 6 60 0/ 03+1 5+9*.78 *60 0 6+8 0 6 (0,+*4+ - 7.0,U(.*3+ *6 *. 06
.6+0" . . ,08 . (.* : 6." 00056.0 1*6 *40 .4 %0+ . - 5 1 - 16. , . 6 . + - - " 8
8 +94+*1,15 8 < +2 4+ - ,1""13++*6+ 155 4.* : 8 . 09 8 . 6. 06 "1,+8 0/
5+9*.6+8 . , , +40" 60 4 056+8 \0 6 06 . - 0/0*60 .6 8 , .4. :0 2+8 3+14 3+ 4. -
.+6018 409"+6 "0 405 070* +8 0 06 5.6 2+"1 5. - . / ,1*, 1*.61 08 6.*3+. -
6+ 60 + - * ,0*61 08 , .56 +(* 2 06 . - 21*06+8 0*0 6 1" 0* 8 3+ * 6 9.*60
67 . 1 1 @ 5 +8 1*6, - .",1* + - &0".+*1 + - - +* , 5 + - 4+4+8 06 5."1
. S/+8 40 6 *.6 8 ,"155061 + - 4 2+8 51 6 0 - 1,1* 1 +8 0 6 .+4 - 0" 1 0 - 1 60 -
0/50 60 +*6 1*6 , . 6 5 .0 4 . 7.+4 5 1,+" . $.+" .*1 3+14 .2 *90"1
$ 160 6.*6 + - 5. 6 2+8 .44 41 *+50 5, ,+5 .6+ - +0 .6 * . - / + - *60 4+ 1
1*6 + - + 6 50.+ . .3+.0 : 6. - ."; . - 5 .4 404 6 1*0 - 0, "0*6 . , ,0* 1 - +6+ 8
<+ 8 14 1 .4 ++ - 1 - *08 6 +, 4.6 6 *6 / 8 0/ (.*5 - 1 (09+ 6.*1 + -
09+"1 * 5 .04.*< ,0 "0 0 3+18<) 0 0,+ - .24+418 . , 51 60. *60 0418 * V J.*
(6057.* 5 .0, 5+1 (09+ .*1 + - 155 41 5".+ 6 1 5+2" ,0 6 .4+, ,*418 ,+ . : 6 +6 01
.40 5 1: *, .0 $ 160 6.*6 2+8 60 1 0 - *,+60 06 G+ 2+8 0/0 - 5" 8 60 6 .7
& 6 - +* , 508 Q ,+ - 0 + 64 3+0 5 .0" 4 8 , *418 : 40 0*6 ". 08 5. 6 - 40 , +*6
5. 6 - 0" 9 1*0 - 3+. - 5 1 602.*6+ 0<+ .*6 06 .4 - .<1 + - . , . - 06+ 040+*6?
0" 6*.6+ +41: ,+8] $14 +8 1*2 +* +8 3+ 7+0 + 3+0 4 - +".6.
;1"+*6.60 ".6+0 .6 6.*40 - 0 ".602 8 0 - 5 6 &."0*6 . 1*60" 1 4.0 - . 06 0 61
+ 6 . 60*6.6 8 * . - 0 ,19* 6. E1 4 +8 5 1: *, .0 "09.6+8 & : . 0* 0 8 ,15 .8 .+/ " 1
D 1040 .6 8 - ".8 * 714.* 6 .* 6+ +4 6 4 ,+ - *1* +, ,0 "0 506 .
(0 . 06 ." .0 . ,08 * 6 R* 4 10,0 . $ 160 6.*6 2+8 1, ,+5.*6+ 140 - 60 - 51 0
.*, 0+8 1*. 9+ 0 +8 1 9 +8 . - 51" +8 * - 1*6.*. 09 1*0 ? +C.*6
0.5 +*6 0. - 3+0 0 6 *.6"8 150 2+8 - +* + 66 4+*. 1*2 +* +8 ,+ - 0/ 9+. - .*+
4 ,+ 0*8 60 1 0 - 616. 5 1: *, . 1 60*6. 06 0, * 3+ 6.7 . ,0 ".2.6+ *
3+. - ,+ - 0/0 , 6+ : , + 504 6+ * 06 , - 03+ 6+ - 1*1 .6+8 (.2.+4+8 & "
". +8 . : . "09.6+ . 0906* 6+8 :070 .6 $ - +* .4 ? %0 4.*" 3+.0 0/ / 5 .0
" 4 1 60*02.6+ - 506+8 .4+.# 3+. - .4 - 16 8 61 - 0*6 8 5+" .6. - 6 .40*6 2+8
5 .0 4 . 8 *+ - 0 1 "09 1 + - 60 6 8 404 6 1*0 0,05 6 ; $. 41 5 1 3+ "1,1 5 .0?
0 . .4 . 48 0*0 6 .8 ".3*01 + 50* 1 3+1 .41 $ 160 6.*608 616. 6 .*8 E. - -
Q . - &. 01* . 406+ 2.6 6 *6 % .* - 1 40 * "+: 1 . 4 ## .+ ".4. - :0 1*
- 51 6. - 5 1 - 16. , . 6 . 3+. - V 16. $+<1" +8 : R 6 0*++8 ,+* - 0 ,"15506.
1 + - 5 .0 4 1 1 6 60 .4 - 14+ - 40 0*4 6 09 8 *1* 1"+ - 40 0* 1 + - : 6+60
04 06 7 ;0 - R . 50 6.60 05+" 8 ? 2 4 1*0 1"+6. $+<1" +8 .2 +*1 0/ + 8 50 .
5 +40*6 . - 5.+ 61 51 6 ,"15506 4+ 6 .* :0 20 .6+8 0 6 *40 * E1 41*00 : ,0
,1 - 6 8 . ,08 . 09 8 0: + - 3+ ,1*6 ** 8 *,+ " 1* 2+8 . , :0" 6.6 1* 2+8 .9 - 0*
51 6 0 - + - , . 502.6 00 0 , 1 +, ,0 . & "". +8 &0 1" + - 60*6. ; 6 +*40
,+ - 4. - *1 5. 60 05+" +8 0 6 06 3+.*3+. - *1: 8 .2 *4 *1 + - - 6 8 4+, ,
UDE1. ,15 8 +2* /+8 3+. + - 5 - . . - ,171 60 - * + .* 6 .* 6+ E0 41* +
5.+"1

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5.+"1ʼ.*60ʼ "40 .6ʼ* 7 "40 *,058ʼ60*6.: 6ʼ 50*4 ʼ40 04+-ʼ,.+ .6)8ʼ3+4ʼ 02.6ʼ ʼ
)6" ,0*6 1 +8ʼ - "08ʼ 09ʼ*1*ʼ51 "06ʼ06ʼ .5 * 8ʼ5. -ʼ *0ʼ4 ", - *0ʼ .0: *8ʼ*1 - 0*ʼE ʼ ʼ
09 1 +*ʼ + 6 ,.0ʼ5"02ʼ<. -ʼ. - .ʼ52 3+0ʼ ,.5 0*6ʼ * 0 6+ -ʼ 0,<ʼ40 06ʼ G*14ʼ&0 6 8ʼ
& "". +8ʼA1.**0# 19. 061ʼ&ʼ."06.ʼ. 41 0ʼ3+ʼ5 - .8ʼ *ʼ0/0 , 6+ʼ60*02.6ʼʼ 1*6."ʼ
2.*0 0 8ʼ*1*ʼ: ʼ04ʼ50ʼ"60 .8ʼ60*6.& 6<.*ʼ.4ʼ1 , + -ʼ 04 0ʼ: 0""0*6ʼ0/ʼ01 + - 3*0ʼ
,1* "1ʼ *4 7+8ʼ ,+ -ʼ *ʼ12 4 1*0ʼ +50"".0ʼ0 "06ʼ .05 +8ʼ.4ʼ,1* +"08ʼ+ 2 8ʼ06ʼ*1 ʼ
2 "6.60 - ʼ3+.0ʼ *ʼ+ 20ʼ - 6.2.6ʼ"60 .8ʼ4040 .6ʼ3+ 2+8ʼ018ʼ9 .6 .0. 090 - 50ʼ
6 .*4.0ʼ 50ʼ . 6.ʼ,+<+8ʼ 0ʼ 51* 1 0 -ʼ1 0 02.6ʼ .4ʼ5.48ʼ,1* ".ʼ71 6.2.6+*
& ʼ ʼ$ 160 6.*6 + -ʼ+2 3+0ʼ: . 1ʼ0:0*6+ʼ*+6.*6 2+8ʼ1 - *08ʼ01 + - ?"508ʼ
ʼ,ʼ(.,06 .0ʼ06ʼ +50"".0ʼ3+.0ʼ0140 -ʼ60 - 51 0ʼ12 402.76+ ʼ 1 6+* 8?ʼ:0 602.*ʼ
6+ ʼ$1 6ʼ .*, . -ʼ,5""13+ 1ʼ06ʼ: ʼ 1*1 .6 4ʼJ1*6.7ʼ06ʼ ".+4 ʼ .,.*ʼ +0 1 + -ʼ
.6 + - + 6 .60* .6. - ʼE+"0" - +8DA1.*0""+8ʼ + 2 8ʼ5 .0 04)8ʼ.2ʼ155 4.* 8ʼ06ʼ *ʼ
3+ " * 8ʼ, 0. - 8ʼ?0 -ʼ + - 0*6. . -ʼ*09"90*60ʼ,+ .:0 .6ʼ 61 4.ʼ 4+, .ʼ 06+8ʼ3+. 6ʼ
ʼ40ʼ3+.: 8ʼ 0ʼ." .ʼ516 +8ʼ3+. -ʼ40ʼ12 40*4.ʼ(.*,0 .ʼ09 ʼ,19 6. 0*6ʼ< 06ʼ *ʼ +50"".0ʼ
12 4 1*0ʼ616.8ʼ 09 8ʼ: 0 8ʼ1,,+5.6.8ʼ4 4 6.*8ʼ .6 3+0ʼ0 ",ʼ ʼ 2ʼ *60 -ʼ.2ʼ. 6+ʼ
- "6. ʼ,6ʼ * 4 8ʼ,.:0 *6ʼ.2ʼ013+0ʼ50 +. ʼ5"0 3+0ʼ 2ʼ0/506 6.,ʼ5., 8ʼ0/504 .ʼ
6 1*0ʼ3+. ʼ,0 6.ʼ2".*4 02. 6+ ʼ* 7 " *60 */ʼ,1 - *0.6+8ʼ *ʼ+ 20 *ʼ,1 - 51 6.2.6+ʼʼ
6.*6+ -ʼʼ ."".02 ʼ _ 1ʼA. 8ʼ (.: * 2ʼ56ʼ(+"" 9* 1ʼ06ʼ50 5.+, 8ʼ ." 8ʼ, ,+ - 51 6 8ʼ
: 48, 2. .ʼ *ʼ4 0 -ʼ5. ,0ʼ.4&0702.*6+ ʼ 1056.0ʼ155 4ʼ - +* 6 2*08ʼ50*402.*6ʼ
6.2.*6ʼ"1,.ʼ ,82 0 .0ʼ+ 2ʼ4. - *1 .ʼ3+.0ʼ *ʼ60 - 51 0ʼ4 +ʼ151 6+ 6ʼ .63+0ʼ1 - * .ʼ
0,+ 0ʼ06ʼ 2 , 6.*606ʼ .902.*6+ ʼ 5, & *,0*60ʼA1.*0""ʼ 6 - 50ʼ .+41 6.60ʼ06ʼ50 6 ʼ
*., .ʼ3+ ʼ3+14ʼ.2ʼ * 6 1ʼ+ 20 *ʼ*1*ʼ12 0 "+ -ʼ ʼ. - . "06ʼ *"5 +40* . -ʼ +. *ʼ
+50 2 .ʼ,6ʼ12 6 * .6 1*0 - 0 6+ ?ʼ %.*40 -ʼ *ʼ 1*ʼA.*ʼ3+ʼ *ʼ&0*0 8ʼ4 0*ʼ *ʼ
4402.6ʼ 09 ʼ *ʼ,1* 504+ -ʼ(.*,, .0ʼ:0*0 0< 06ʼA1.** 8ʼ8ʼ +,0 - 2+ 9ʼ 0**.,ʼ
,1 - 6 8ʼ.".ʼ,3+ - -ʼ06ʼ."60 .ʼ *6 .ʼ,"15506ʼ9 .*4 1 8ʼ<.4+ -ʼ01* 6 60 0ʼ 2ʼ,/,+ ʼ
1* 2+8ʼ." <+1ʼ,0 6. - -ʼ ʼJ"1 1ʼ,15 . + -ʼ - "6. + -ʼ + - - 4+,0ʼ06ʼ$06 .01ʼ3 ʼ
*+50ʼ? 1*6 2+8ʼ0/ .**1* .ʼ ,4 0 .6ʼ09 0 8ʼ 0 *ʼ ʼ !ʼ616+8ʼ0/0 46+8ʼ.55.ʼ
,0ʼ,105 6ʼ4+,0ʼ ".+4 1ʼʼ . /01ʼ 6+ 9+ -ʼ5 .0 40<.,ʼ*140ʼ * 03+0*6ʼ.4ʼʼ(.ʼ
6+ * *ʼ .*+ 6 ʼJ1*6.*.0 ʼ(+ ʼ *ʼ:.""0ʼ71 5 6 + -ʼ 2ʼ + - 5"*ʼ - .9* ʼ12 0 2 +*.ʼ
, 1 ,ʼ 3+ʼ0.ʼ"1, ʼ*1*ʼ.*60ʼ4, - 1"6ʼ, "0*6ʼ %161ʼ6 4+2ʼ1 - *08ʼ,25 .0ʼ,1*:0*0ʼ
* *6ʼ0 .*6ʼ.4ʼ:ʼ061ʼ504 6+ -ʼʼ 03+ 608ʼ06ʼ *ʼ (ʼ.".0ʼ . 6 0< 0** ʼA1.** "
V "1"%06ʼ%1 6"+ ʼ% 6.* 1 6 * ʼ,6ʼ . 60 ʼ + 0".*0* 8ʼ71 - * 8ʼ3+ʼ." 13+ʼ
9*12 "ʼ"1,1ʼ*.6)8ʼ5+9*., 6.60ʼ +.ʼ *60ʼ5 1,0 08ʼ*+ - 0 . ʼ - 06+0 .6ʼ0 .*6ʼ06ʼ ""ʼ
,. 6 8ʼ & 6ʼ 69*.ʼ 1 "2 + -ʼ# 44*.4:070 0ʼ: ʼ 966.ʼ:060 .*.0ʼ"09 1* 8ʼ4+,0*ʼ(. ʼ
.01ʼ06ʼ." ʼ:1"1*08ʼ0/ʼ: , * 86 *4 3+0ʼ"148ʼ - 1/ʼ06ʼ.4:04.0ʼ.4ʼ1ʼ%7012."40ʼ .*+*ʼ
- + ."08ʼ - .,7 * .0ʼ06ʼ :ʼ,1"+2 *.0ʼ G+ *61ʼ.2ʼ.4:0*6+ʼ4 0ʼ . 6 0+8ʼ50ʼ6; - ʼ
5.* 6. -ʼ155 4.*18ʼ404 6 1*0 -ʼ .,0 0ʼ<+2,6<ʼ3+ʼ - 5+40*60ʼ.ʼA1.*0""1ʼ 060*6+8ʼ
.63+0ʼ *4 9*0ʼ7.2 - 8ʼ - .9*.8ʼ1 0* 1* 8ʼ,.* .8ʼ0/, 6.: 6ʼ .051 6 0 - 1ʼ0/66 + -ʼ 5 6ʼ
- .6+ . 0ʼ, 04 6+ ʼ (.*,0 .ʼ *ʼ 6+ ,0* ʼ.9 1ʼ :0ʼ(.*,0 "+ -ʼ,. 6 + - ʼ ,+6ʼ:1, .6ʼ
(9020 6+8ʼ3+14ʼ1" 6ʼ 190 1ʼ05 0151ʼʼ 0""2:.,0* ʼ5.6 - 1* ʼ<+ 0ʼ,1 - 50602.6ʼ
.**1 7 6ʼ, 1ʼ/ ʼ 41*ʼ . - 5.* .0ʼ,1 - 6ʼ5 3,1 - 6.6+ 0""1:.,0*"ʼ,1 - 50*

$ %*ʼ !* ʼ # $! % ʼʼ # ʼ " ʼ %
ʼ ʼ ʼ ʼ*$ %(ʼ ʼ# E = ʼ$ ʼ % * ʼ
W) !!ʼ % O) *
& ʼ ʼ % ʼ?ʼ:0 6W2.*6+ < 40ʼ3+2+8ʼ*+*,ʼ1 4 *0ʼ4 ,0 - +8ʼA
-/! /G/"/4/" ʼ: ! ʼ ʼ ʼ> *ʼ . Aʼ ʼ ʼ /9% . ʼ ʼ" .ʼ ʼ ʼ $ $ʼ
ʼ> $ʼ ʼ" . ʼ ʼ ʼ ʼ ʼ% ʼ U ʼ% ʼ& ʼ 6 ʼ ʼʼ ʼ5 0ʼ #00ʼ& $ ʼ
+ 6 0 ʼ + 0ʼ ? ʼ5 A ʼ. ʼ ʼ% ' ʼ $ʼ $ʼ ʼ> ʼ+ʼ ʼ4 ʼ ? $ʼ
ʼB ʼ D ʼ ʼ ' 0ʼ 6 ʼ ʼ% 0ʼ ʼ+ʼ+ 0ʼ> 00ʼ, I ʼ% 0ʼ ʼ> Aʼ ?ʼ ʼ
% ʼD ʼ ʼ 0ʼ ʼ ʼ" ʼ ʼ ʼ ? ' $ʼ \ʼ ʼ ʼ+ ʼ ʼ+ʼ ' ʼ
ʼ ʼ% 6 $ʼ :V $ʼ . ʼ ʼ% $ʼ ʼ ʼ ' $0 ʼ(ʼ ʼ $ʼ'$ʼ $ ʼ '

ʼ ʼ ʼ ʼ ʼ

/ "ʼ5 .,."61ʼ06ʼ, - *"" 0/ʼ 5. 60ʼ . 4+ ʼ * 0,6ʼp54"6+ʼ 401ʼ - "" * + - ʼ1:."ʼ 1 - .ʼ .,
ʼ ʼ5.,*0ʼ 16+*4.ʼʼ 04ʼ * -4ʼ.ʼ- +* 6 1 2+8ʼ0/60 1 2+8ʼ - + 1ʼ3+ʼ: ʼ.+6ʼ.4ʼ + - ʼ
- + - ʼ ʼ6+ 2 8ʼ 06 . -ʼ ,1 *5 070* 8ʼ 8ʼ 3+.0ʼ51 6.8ʼ + 2 8ʼ 609+*6ʼ 4 " *9+ 6+ ʼ
. - 2 6+ʼ ʼ, 1ʼ"1ʼ5. "+ -ʼ 5.6 + -ʼ 01 - 5"0 6 6+ : 51 6 8 # .0 . .*.ʼ 6ʼ&060 0ʼ
4 0..ʼ06ʼ * 0 *.ʼ *6 .6+ʼʼ5. 8ʼ3+.0ʼ - .9 8ʼ404 : 8ʼ06ʼ .,,0 "+ʼ ., " 8 ,1ʼ
12:0 .ʼ ʼ :. ,+ -ʼ 6+ 9+ -ʼ5 1: *, .0ʼ - 06 151" -ʼ 5,4.6ʼʼ *ʼ + - - 1ʼ . ,0* ʼ
7.206ʼ .0 . 0.0ʼ06ʼ * 0 *.0ʼ51 6.0ʼ *60 @0 6. - ʼ0+ʼ."60 + -ʼ - 1*6 8ʼ<+9+ ʼ40ʼ *1B
- *0ʼ0ʼ) A -ʼ"+5 *ʼ4 4+ -ʼ.4ʼ - 0 4 0 -ʼ1551 6+ 6ʼ - - *06ʼ 09 ʼ5 150ʼ .2ʼ01ʼ15ʼ
5 41ʼ+6ʼ0/ʼ01ʼ *ʼ. ,0 -ʼ6.*3+. -ʼ * 0 1 0 -ʼ40 504"+8ʼ 6ʼ .4ʼ ʼJ1* .*.0+ -ʼ,. 60""+ -ʼ ʼ
0/ 6 ++*6ʼ 06ʼ: .""1ʼ 1"%.ʼ.,ʼ, .6 2+8ʼ 50ʼ(ʼ 1 1 08ʼ - +* +*6ʼ 06ʼ *ʼ01ʼ - .,7 * .8ʼ40ʼ
51*+*6<ʼ ."6, + *ʼ *ʼʼ 4 ""0 8ʼ *ʼ, . - 51ʼʼ(ʼ .C. ʼ:+"91ʼ4 41ʼ .04 ,. 6ʼ 06ʼ 1 .ʼ
5. 60ʼ:." .*6ʼ *40ʼ *ʼ,. - 5+ -ʼ (ʼ .C. ʼ/ʼ61 - 0*6.ʼ *ʼ - 1*60 -ʼ) " - ʼ"+5 *ʼ; ʼ
+ - - .ʼ150 . + -ʼ: ʼ5 .060ʼ1 - * + -ʼ 0/504.6 150*<ʼ404+,+*6ʼ .,40 - + - / ʼS."ʼ
. 6ʼ - + + -ʼ .ʼ: 060 0ʼ51 6.ʼ .4ʼ *4 0.*. -ʼ3+.60 0ʼ , 5 +*6ʼ ,1*6 *+.6.ʼ616+ -ʼ
3+.6 4++ -ʼ:0 20 .6 1*0ʼ06ʼ4 5"1 8ʼ60ʼ * ""0ʼ3+ *90*6 8ʼ 4 2) (ʼ0/ 9+1ʼ6. - 0*ʼ 12ʼ
0 "2 + -ʼ4. - *1ʼʼ3+"550ʼ6.*6+ -ʼ/ / :ʼ0/ʼ 8ʼ40 40 .6< +*6ʼ ʼ4 ;0 1ʼ47 0 "ʼ .* - 8ʼ
.4ʼ + 6 *0*4. -ʼ12 4 1*0 -ʼ12 - .6 ʼ4 6 2+6 8ʼ *60ʼ4+,08ʼ 09 3* 2+8ʼ +50 1 .ʼ
6+ 8ʼ .0 . 0.0ʼ4 ++*6ʼ*0ʼ + *.ʼ 5 8ʼ *,1 - - 14. 06ʼ * - .ʼ. , 8ʼ"1,.ʼ - +* +*6ʼ
06ʼ 1 . -ʼ *6 .ʼ4+,+*6ʼ *60 0.ʼ: .""+ -ʼ .ʼ . 6 01ʼ .4ʼ 1"%. -ʼ + 3+0ʼ 155 4ʼ 5 1ʼ
4+4+ - ʼ06ʼ 1 ".ʼ50 1 .6.ʼ 6 .613+0ʼ51*60ʼ" 9*01ʼ06ʼ, .6 2+8ʼ *,ʼ *40ʼ4 51 6 8ʼ 6ʼ
604+8ʼ - "08ʼ 50ʼ0+ -ʼ.4ʼ5,40 -ʼ+ 3+0ʼ -) ʼ +2 0ʼ51 06ʼ ,+ -ʼ *ʼ01ʼ0 "0*6ʼ ;6ʼ - +B
+ -ʼ + 140 0*6ʼ 155 4.*ʼ0 +56 1*0ʼ .4.ʼ4+, 2+8ʼ ʼ . 6 * .61ʼ06ʼ$ "". 1ʼ5 5*60*ʼ
4 ++*6ʼ 06ʼ: ʼ 4ʼ . 6ʼ *,0*4 (*6ʼ ."60 + - 3+0ʼ51 6 4 0ʼ: ."0*6 1 0 -ʼ *1 +ʼ
6 .6+ -ʼ3+.*3+. -ʼ .09 0ʼ51 6 0 - 1ʼ 0 0 8ʼ7. - 8ʼ4 " 5. +*6ʼ 06ʼ 9*0ʼ *<041ʼ ,1*ʼ
+ - 5 0 +*6ʼ 6+ *ʼ ."606. *ʼ 1 . -ʼ *6 .ʼ: 060 0 -ʼ51 6. -ʼ, ,+ - 4+,+*6ʼ 02 8ʼ
0 +56 1* 2+8ʼ3+ʼ+6 *3+0ʼ,.5 02.*6+ ʼ4 " 90*60ʼ40ʼ 6.6+ʼ +1 + -ʼ *60 19.2.*6+ ʼ
$"+ 08ʼ06 . -ʼ+6 *3+0ʼ6 .*8 +9 02.*6ʼ3+ʼ 51*60ʼ."60 ʼ."60 28ʼ40ʼ,1* " 8ʼ71 6 + -ʼ
041,02.*6ʼ + -ʼ9 6+ʼ,+* ,+"18ʼ.9ʼ ,0 61ʼ4 4 0 0*6ʼ12 0 "<ʼ *6+8ʼ 0560 -ʼ5+6018ʼ
14 +*6ʼ+6ʼ0+* ,+"1 + -ʼ,1*.6+8ʼ 618ʼ 0440 0*6ʼ +4.ʼ40 *ʼ + +8ʼ *60 1ʼ 1 ".ʼ
0/ʼʼ$06 .0ʼ,1* " 1ʼ0ʼ 09 1*0ʼ51 6.0ʼ: 060 8ʼ12 34 Nʼ41 - ++*ʼ1 6 8ʼ06ʼ 0*0 " 8ʼ .,ʼ
50 1 .6 8ʼ".60 2+8ʼ +6ʼ ,"15506. ʼ604ʼ *400<.,+". "51 0*6ʼ 1 6 *+.6.0ʼ5+" .ʼ
6 1* 8ʼ .91 0ʼ50ʼ51*: .""0 8ʼ06ʼ: , *.8ʼ ":.8ʼ 0 1<*.*60ʼ .661* 6ʼ,0 :ʼ3+ 4. -ʼ50ʼ
- 04 .ʼ,. 6 .ʼ50 +50 +*6ʼ 06ʼ *ʼ 1 ". -ʼ+ 3+0ʼ50*06 . +*6ʼʼ3+1 + -ʼ6 05 6+ʼ,1*,". ʼ
- .6+ -ʼ+6 *3+0ʼ.4ʼ. - .ʼ5. ʼ.2ʼ+6 .3+0ʼ5. 60ʼ6 05 4.6 1*0ʼ) *+8ʼ0/ʼ 8ʼ ,"155061ʼ
*60 04+8ʼ06ʼ *ʼ+ 20 -ʼ4+4+8ʼ0 6ʼ40ʼ."60 1ʼ., %60ʼ+6 *3+0ʼ.,ʼ4 +ʼ,0 6.6+ -ʼ * 6# .,ʼ
50*08ʼ 09 18ʼ *1*ʼ, 6 .ʼ .*9+ *0 -ʼ5 .04.ʼ6.*40 -ʼ 0 - .* 6ʼ / :S."ʼ 5 ʼ616 8ʼ: ʼ
2+8ʼ155+9*.6 1ʼ60*6.6.ʼ01ʼ1 4 *0ʼ (. .0+80+ *ʼ: 060 .* 8ʼ0571 6 2+8ʼ .4ʼ + *. -ʼ
<+/6.ʼ51 6. -ʼ * 0 *. -ʼ60*402.6ʼ 3+0 *ʼ . 6 0+8ʼ ,+ -ʼ +.ʼ03+ 6+ - ʼ3+ʼ *ʼ50408ʼ
40 ,0*40 .*6ʼ."ʼ +4 *02.6ʼʼ ʼ *ʼ - / + -ʼ0:. 0 +*6ʼ 6.6+61ʼ *ʼ + - - 1ʼ.ʼ2ʼ 1 ""1ʼ
9*1ʼ3+14ʼ51 6 0 - 1ʼ51 6ʼ.,0 - + -ʼ,0 6. - 0*ʼ5+" 8ʼ + 8ʼ .":+ -ʼ 06+" 6ʼ.4ʼ0.*40*:ʼ
+ *. -ʼ 0* ,+8ʼ? E+ 0 +8 1** :06+8ʼ,+ -ʼ40"04.ʼ*12 " 6.60ʼ06ʼ .660 1ʼ: - ʼ0, 6ʼ
3+18 ʼ40"04ʼ 03+02.*6+ ʼ3+ʼ6. - 0*ʼ *ʼ - .ʼ1 .ʼ 0 - .* 0 +*6ʼʼ4+ -ʼ *60 -ʼ*+ ?
3+. -ʼ *60 - .ʼ: 0 20 .6 1*0ʼ40 0* 1 08ʼ5 1ʼ + *.ʼ 6.*608ʼ * 0 6.2.*6+ ʼ04ʼ6.*40 -ʼ
ʼ 06ʼ 5 ʼ + *.ʼ5.3*0ʼ *ʼ 1 .ʼ12 +6ʼ *40ʼ .50 060ʼ - .9*5ʼ52 0 "2 + -ʼ"0:. - 0*61ʼ01.4ʼ
+*6ʼ &ʼ 9*.ʼ&. ,1*+ -ʼ: 060 .*1 + -ʼ.4ʼ51 6. -ʼBʼ: 060 0 -ʼ06ʼ.4ʼ - +* 6 1*0 -ʼ .+!
4 *. -ʼ4 4. -ʼ - 506+ -ʼ 0,0 +*6ʼʼ3+18ʼ . 1"+8ʼ2 E .*9 +8ʼ 1*6 * +8ʼ 0**
,1 - 6 8

% $ ʼ > ' ʼ0] ʼ' ʼ ʼ ʼ / ʼ ʼ+ 4ʼ Iʼ ʼ
0 ʼ / ʼ 0ʼ ʼ% $ʼ :ʼ4) ʼ ʼ5 ʼ ʼ6 ʼ> 0ʼ $ʼ $ʼ ʼ
4 6ʼ $ʼ * $ʼ :ʼ ' ʼ+ʼ5 ʼ/ $ʼ. $ʼ ʼ ʼ4 ʼ ʼ ʼ. ʼ ʼ4
Y ʼ. ʼ" $ʼ3 ʼ , ʼ ʼ% 6 1ʼ 6 ʼ ʼ4 ʼ ʼ+ʼ ʼ ʼ ʼ%
ʼ ʼ ʼ , ʼ ʼ 0ʼ ʼL ʼ ʼ ʼ

ʿ ʿ ʿ ʿ ʿ #ʿ .ʿ -

,1 - 8ʿ "09.6+8ʿ + 6 70" .6ʿ 1: .0ʿ ,171 608ʿ .4ʿ - .<1 0*"ʿ + * .* ʿ60*402.*6ʿ ,+ -ʿ *ʿ
3+ 2+8 ?ʿ%0/0 +8ʿ ,."8ʿ.4 - 16 8ʿ.4ʿ .0 . 0. -ʿ51 6. -ʿ: -ʿ 0, 6ʿ) 2 3+0ʿ / - - .ʿ Lʿ ʿ
L: 6+60ʿ12 0 "2 + -ʿ 05+" ʿ +*6ʿ 09 ʿ2 J"1 1ʿ 7."""1: 1 ʿ 1*6."2.*1ʿ $.3+0"1*0
09 *."40 1ʿ$ "". 1ʿ . 6 95*0ʿ . 6 *.61ʿ<+* 1 0 : ."" <ʿ3+ʿ *3+"" *18ʿ06ʿ
:1"1*08ʿ4+,02.6ʿP R96 1ʿ,0*6+ 1*0ʿ + "2*006ʿ . 6 *.61ʿ09 09 . -ʿ150 . -ʿ*.ʿ
: .*6 2+8ʿ ʿ 3+18ʿ*1*ʿ - 04 1, 60ʿ.4<+: .2.*6ʿ + 6 ,ʿ +*4 8ʿ 0 -ʿ90 0 608ʿ3+.8ʿ , 15ʿ
50618ʿ(.* ,0 0* 08ʿ5 1 *40ʿ :+"91ʿ:1, .2.*6ʿ (04ʿ5 .0, 54.ʿ : 8ʿ 10 - * - -ʿ + 6#
3+.0ʿ5 1:1":0*4 8ʿ ./ 8ʿ1"01ʿ +*40*41ʿ . 6 , 1 8ʿ 9* 2+8ʿ.,ʿ, ,+" 8ʿ, .*40*6 2+8ʿ
16.*4 8ʿ + - - .ʿ.* -ʿ5 .0 0*6 .ʿ5 06Rʿ50 ,+" 8ʿ. " 4+.0ʿ * 0 : 02.*6ʿ06ʿ *ʿ - 04 1ʿ
4 , - *0ʿ:0 .2.*6+ ʿ3+.04. -ʿ06 . -ʿ +5 .ʿ3+. -ʿ 0/+8ʿ 0 6:" "6 ʿ6 .4. 0ʿ4 * .ʿ
,1* 50G .0ʿ 09 1 + -ʿ *ʿ01ʿ,2* " 4+ʿ ʿ. - 5" +8ʿ40 40 .6ʿ<ʿI, ,ʿ, , 60ʿ .+, .6ʿ
3+ ʿ51 60.ʿ0/ʿ:+"*0 2+8ʿ50 0 +*6ʿ , ,ʿ5 .060 0.ʿ:+"*0 .6ʿ.,ʿ - +6 ".6ʿ /ʿ12 0 8ʿ
' ' (ʿ *60 04ʿ +*6ʿ 0ʿ20*0ʿ90 6.ʿ9 .6 .0ʿ 01ʿ5+2" ,0ʿ *ʿ+ T0ʿ.4 .0ʿ . 6 0+8ʿ
12 0"%1 + -ʿ.* - 18 - .6+8ʿ ,1* 0 6 -ʿ,1* " + -ʿ - +6.6ʿ06ʿ ,+ -ʿ40ʿ 555 41ʿ; ʿ0/ʿ
5+9*.*41ʿ40"50 . 06ʿ40ʿ. 4 .ʿ12 4 1*0ʿ3+.ʿ12 0 18ʿ.**1*.0ʿ50*+ .ʿ.4ʿ404 6 5ʿ
0 ,1 - 50""0 06ʿ! 19 6.60ʿ,105 6ʿA6.3+0ʿ - 16 8ʿ"1 ,1ʿ61 - 0*6 8ʿ06,6.6 2+8 + 6 .60*ʿ
6.61ʿ 04ʿ"0: ʿ,0 6. - *0ʿ155 41ʿ*1; . -ʿ - +* 6 1*0 -ʿ *ʿ ʿ(.*".C. .*1ʿ, . - 51ʿ0/ 6 + 6;ʿ
, / /ʿ50408ʿ *ʿ 2*60ʿ51 0. . - ʿ06ʿ6 2+8ʿ5 1 - *0*6 2+8ʿ5 15+9*. ,+ 8ʿ4 6 *4. - ʿ
." . -ʿ *ʿD 4 ""0 8ʿ 1 - .ʿ, +, 8 0 1 1"; - 6.*40ʿ06ʿ - 0* 0ʿ 5 " ʿ6066 . -ʿ *ʿ"1 ,1ʿ
,+ʿʿ 5*6 8ʿ:060 8ʿ ./1ʿ*1 - 0*ʿ,1 4 8ʿ1 - . -ʿ5 .0 0 0*60 -ʿ< ." .8ʿ60 -ʿ:ʿ - *1 08ʿ
3+.8,1*6 *+.ʿ 1" .ʿ,1*<+* / 6ʿ404+4 8ʿ61 - 0*6 8ʿ06ʿ8ʿ%7012."40ʿ .*+*ʿ . 6 .*4.6 8ʿ
0 - "" 8ʿ 60 -ʿ:060 .* 8ʿ,15 8ʿ06ʿ*1: 8ʿ *ʿ12 4 1*0ʿ 060*6 8ʿ,+ -ʿ4+.2+8ʿ,1"+2 * 8dʿ
+ 20 -ʿ+*4 3+0ʿ, */ 6ʿ 6.ʿ+6 *+"".ʿ5. 60ʿ.4ʿ0. *ʿ. , ,0 "+8ʿ0 06ʿ % .* ".6.ʿ0* -ʿ: ʿ
- *0.ʿ41" .ʿ.+6ʿ *,0* .ʿ06ʿ 0" 41ʿ5 1 0ʿ: .""1ʿ *6 .ʿ*1: .8ʿ - +* 6 1*08ʿ - " 608ʿ 06 .4ʿ
+*6ʿʿ6+ 0ʿ" 9*0.ʿ,+ ."ʿ 16 8ʿ - 51 6.ʿ0/ʿ3+.ʿ20"".61 08ʿ604ʿ *ʿ + * . -ʿ50 : .40 ,ʿ
5160 .*6 71 6 + - . 2 6 1ʿ 0" 4. 3+ʿ0. *ʿ0 +56 2*0ʿ .4.ʿ *,0*40 +*6ʿ 0ʿ12 0 "ʿ
<. -ʿ40ʿ ,1 " 1 . " 0ʿ,0 6 1 08ʿ.*60ʿ1 - * .ʿ *ʿ2 (056" - .* . - # +, + 66ʿ* 6+*ʿ
.4ʿ0<+ 40 -ʿ,17 0 " 1* 8ʿ 1, 18ʿ06ʿ.+/ " .ʿ *ʿ,1* - +*ʿ, .+ .ʿ506+*6ʿ4.6 8ʿ.4ʿ018 1 ?
. ʿ" 60 8ʿ*. -ʿA1.**08ʿ 0 , .40 +8ʿ." 3+16ʿ.*60ʿ4 02+8ʿ - ") 8ʿ 0 1*4.0ʿ, .56+8ʿ
.4ʿ . 6 0+ -ʿ .446 +8ʿ +0 .6ʿ $ 1/ - + -ʿ + 6ʿ+6ʿ.**1*.0ʿ,+ . -ʿ7.20 0*6ʿ 6.3+,ʿ
50 :0 6 9.6.0ʿ" *9+"5 + -ʿ .0408ʿ06ʿ40 , 56 1ʿ .4 .< 40 *ʿ06ʿ5". ,+ 6ʿ+6 + 6 0*6+ -ʿ
1 - *0ʿ *ʿ9 .*. .ʿ5+2" , .ʿ,1 - 51 6. 06+ ʿ06ʿ 50ʿ4 2 61 08ʿ5 1ʿ 0,0"" 6.60ʿ4 6 ʿ
2+0 06+ʿʿ : *1ʿ06 . -ʿ5 06 + -ʿ4 4+ - ʿ A. -ʿ0* -ʿ50*+ .ʿ - .9*.ʿ 0 + -ʿ *: ."+0 .6ʿ
06, . * 2+840 , 4*6 2+8 . 6 1ʿ - 0* 0ʿ0".5 1ʿ5 - + -ʿ. * .4ʿ0 + -ʿ, .0 ʿ +0 .*6ʿ
51 60.ʿ - +" ʿ03+ ʿ 0"08ʿ - + 08ʿ6."5.0 . ,ʿ51 6 0 - 1ʿ, .*08ʿ.,ʿ"051 . ʿ5 .0, 5+0 3+14ʿ
5.*0ʿ 0 0ʿ.".*6+ ʿ *ʿ - . ,0""1ʿ0/ʿ,1*, " ʿ.+ 1 6.60ʿ5 15.". .ʿ:0*4 6 ʿLʿ%+ *ʿ:1"0*ʿ
6 2+8ʿ+ 20ʿ 0/ ,040 0ʿ . ,+"6.8ʿ4.6.Nʿ 8ʿ3+ʿ 0 - .* 0 +*6ʿ5 - + -ʿ 0" 2 .5.* 8ʿ51 6ʿ
14 4++ -ʿ3 .4 .*8ʿ" 2 .0ʿ6.*6+ -ʿ *ʿ" *9+"18ʿ4 08ʿ: 6 -ʿ.66 2+6+8ʿ 6.ʿ . +8ʿ06ʿ I
A+* +8ʿ, / .4 ʿ 0:0 1ʿ0/ʿ(056 - .* .ʿ +0 1ʿ06ʿ.+/ " 1 + -ʿ 50 -ʿ 04ʿ *1*ʿ .*60ʿ: ʿ
056 - *.8ʿ . , 0*60 + +8ʿ 5 0ʿVʿJ"1 +8ʿ *.0+8ʿ06ʿ$06 .0+8ʿ.4ʿ 1" , 6.*4.ʿ. / " .ʿ
- " ʿ40ʿ3+1 + -ʿ4 ,0 +ʿ,+ -ʿ50ʿ0/5"5 .61 08ʿ6 .*(+9.8ʿ06ʿ , .56 ;18ʿ,59* 6+ -ʿ
0 "06ʿ. . 60 1ʿ048ʿ * 03+0*60ʿJ"1 +8ʿ##ʿ +, +8ʿ.2ʿ7 5 6 2+85 54 6ʿ51 6 0 - 1ʿ
, .56 *6ʿ *.0+8ʿ06ʿ$06 .0+8ʿ50ʿ1ʿ 04+58ʿ. - 8?ʿ 1,".0ʿ03+ 8ʿ *,19* 61ʿ7.2 6+ʿ
.4ʿ 0 :06 18ʿ 0,056+ -ʿ7.2+0 +* ?ʿ 4ʿ50ʿ +, + -ʿ+6ʿ12%0 ʿ 0 , 0*6ʿ 04+"1ʿ,+ʿ
. : 6ʿ . 6 0+8ʿ 3+14051 6.ʿ1 - *ʿ.+/ " 1 + -ʿ 50 - .6+ +8 40ʿ404 6 1*0,19 6.60*6ʿ
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% $ ʿ F ʿ. ʿ &D "ʿʿ ʿ $ʿ. $ʿD ʿ > ʿ ' ʿ / (' :ʿ
ʿ" ʿ4 ʿ ʿ ʿ ʿ ʿ7 1ʿ 4) 6 " P ʿ ʿ 0ʿ.
% ʿ -eʿ ʿ ? ʿ ʿ ʿ ' ʿ+ʿ5 ʿʿ ʿ ʿ $ ʿ :ʿ ʿ ' ʿ ʿ ʿ6 ʿ H ʿ
$ʿ > / , #$ > , '.ʿ ?^ʿ Aʿ ʿ ʿ ʿ/ &ʿ! I$ʿ /ʿ $ʿ7$ ʿ> ʿ ʿ
ʿ4 ʿ / B ʿʿ ʿ% ʿ ʿ - ʿ! ʿ I ?
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- _ʻ Mʻ) -Q -

G ʻ ʻ 6.3+0ʻ ʻ +, +8ʻ 2 .8ʻ .4ʻ 1 , -ʻ 06ʻ ., 5*6."2.7+ -ʻ ,5*6+20 <.."0 -ʻ 4 .6ʻ " 60 ."
ʻ ʻ 3+ 26 8ʻ 40ʻ +1ʻ .,ʻ J"1 ʻ ,. 4ʻ 018ʻ ,0 6 1 08 ., 02.6ʻ ʻ71,ʻ5 .060 ʻ :0 6.60 - 04ʻ ,190*60ʻ
.4 01 ʻ .44 61 ʻ $06 .0+ -ʻ 06ʻ 7.0+ -ʻ *ʻ +1ʻ ,5* 504+ʻ 760 0448ʻ 1ʻ *+*, 1ʻ
,1* "0 *.6ʻ * + - ʻ *ʻ - 14+ -ʻ (.6 ,0 0* 08ʻ ,+ -ʻ 6.* 0*ʻ <. -ʻ +"60 +8ʻ 5 1,0 7 0*6ʻ
3+. -ʻ +6ʻ .4ʻ 510* 60*6 . - ʻ ,+6ʻ 5 8ʻ : 402.6+"? ʻ 6+ +8ʻ 0,056+8ʻ 0 "06ʻ 71 .*6 2+8ʻ 018ʻ
. ""4+ 8,1*, 17 2+8ʻ .4ʻ < .6 0*6 . -ʻ 5. "1 2+8ʻ .* - 18ʻ 124 - .76< 06ʻ ?ʻ :ʻ 4 ʻ G+ *6 "ʻ
ʻ ,1, " @ 40,0 * 6+ ʻ *ʻ 12 4 1*0ʻ + 6 *0*4.ʻ 50 0:0 .*4+ - ʻ 3+ʻ *ʻ ,1*4.*6 .ʻ
*1*ʻ 4+ . 0*6< + 20ʻ 0/,040 0*6ʻ ʻ 3+ʻ ,1*6 .ʻ .,0 0ʻ . 6ʻ ,1*, " ʻ40, 06+ -ʻ - 5+9*. 0ʻ
.+40 0*6ʻ 50 ʻ - 10* .ʻ 0< 0 6ʻ 5 .0, 5 6. 0*6+ ʻ %+ *ʻ *4.+ .6.ʻ .4ʻ 51 6. -ʻ :060 0 -ʻ
+ 6 1ʻ 04ʻ * .<4 ʻ.ʻ . - 0ʻ 3+. -ʻ .2ʻ 71 60ʻ - 06+8ʻ *0+*60ʻ G+ *6 "ʻ .4ʻ * 1"0*6 1 8ʻ
218ʻ :0*6+ -ʻ 0 6ʻ *. -ʻ ,1 8ʻ 2+2+" 8ʻ 50"" 2 8ʻ .9* 7 8ʻ 03+ * 8ʻ ,.* * 8ʻ ." 3+0ʻ
,1* - " 2+8ʻ : 4 6. ʻ ,1056+ - k 3+.0ʻ .2 . 1ʻ 5 "1ʻ 06ʻ ". - - .ʻ :0"ʻ ,.*40*60ʻ 0 5ʻ 5+ ʻ
9.6.0ʻ 06ʻ 4 5 -ʻ +*+ -ʻ .+6ʻ ."60 + -ʻ .3+.ʻ - .,0 .6.0ʻ .,ʻ +2.4.0 0" /.2.*6+ ʻ ʻ 60 02.* - ʻ
902.*6+ ʻ ʻ Q6 . -ʻ 0.0ʻ 3+.0ʻ ,.",0ʻ ."+ - *0ʻ ." 3+0ʻ ., - 1* .0ʻ 06ʻ 9 .: 1 8ʻ 145 8ʻ
,1*4 6+ 8ʻ 5 +8ʻ +0< .*6ʻ +2.4.0ʻ *ʻ 5 06 1ʻ .*60ʻ ." .8ʻ 0 .*6ʻ 50""08ʻ : 6+" *., ʻ 3+. + *ʻ
504." 8ʻ 3+.4 .ʻ / ʻ +6ʻ ,+ -ʻ - * - + - ʻ 0 0ʻ 0 - 50ʻ / :ʻ 1" 4 8ʻ &0*+ -ʻ 2 .6ʻ 616.0ʻ .+ʻ ʻ
60 *ʻ .+6ʻ 4*9 "".6 -ʻ .,ʻ 5. 6 ,+".6 -ʻ :0*4 6.0ʻ / / /ʻ " 2 .8ʻ .*, ,.8ʻ :0*4 62 ʻ ,1* , 0ʻ
2.*6ʻ 71,ʻ 0 6ʻ +5 .ʻ .+ 018ʻ ,1 1*.628ʻ / ʻ +6ʻ 6+*,ʻ .+ 0ʻ .0 6 - .2.*6+ ʻ 8ʻ +,,0 ʻ
0 +*6ʻ - 0 - 2 .*.0ʻ 06ʻ P,7. 6.0ʻ 5 .9 - .6 ,.0ʻ 3+.*6+ - : 8ʻ 5+6 ʻ 6 ʻ 12 6.0ʻ 06ʻ *ʻ
+ + -ʻ 7 *,ʻ 405 1 - 56.0ʻ 6; - 5.*1 + -ʻ .,ʻ , 2 1 + -ʻ 50""08ʻ 1*ʻ 5+2" 48ʻ *1*ʻ 5 ʻ
:.6 8ʻ . - " . + -ʻ * 6 + - 0*6 8ʻ . ʻ 42,+ - 0*6 8ʻ 3+1 + -ʻ <. + . -ʻ ." 1ʻ 60 - 51 0ʻ 6.76ʻ
.0 6 - . "0*6ʻ *ʻ 6."ʻ .*9+ 6 .ʻ 5. , 6+ - ʻ 0 *ʻ ʻ 5."+4. - 0*6.ʻ 0ʻ 2+2+" ʻ ,1 1ʻ ,1* 04.ʻ
,.5 6 .ʻ .*6 "0*.0ʻ 0651 6 "0*.0ʻ ,+ -ʻ 03+1 + 7ʻ 057 55 8ʻ C1*.0ʻ ,1 .,0.0ʻ 0;0*6 . ʻ
" . ʻ .* .0ʻ ".20""1 + - ʻ . - 0*6.ʻ ," 60"". + - ʻ .907. +6*3+0ʻ 0ʻ *0 & 8 2+2+" 8ʻ <ʻ 3+ 2+8ʻ
.,,0 ", +*6ʻ 03+2 + -ʻ 06ʻ 21+ *ʻ +*9+".0ʻ ,0 :1 +< - ? ,.5 0. + - 3+0ʻ 06ʻ .5 1 + -ʻ 50408ʻ
2" -ʻ 1 2+8ʻ . " / ʻ /0 .ʻ 06ʻ 1 ".ʻ - 06 8ʻ 0 1 .ʻ 06ʻ ".60 *. - -ʻ ,1 *+.ʻ .4ʻ : 4+ - ʻ *1*ʻ
<. -ʻ - .9 6 .6+8ʻ .+41 6.60ʻ 64ʻ +6ʻ ,+ 3+0ʻ 1 - * + - ʻ *:0*62 + -ʻ - .9 6 .ʻ *0,0 " 6.8ʻ
\ +990 02.6ʻ .47 202.*6+ ʻ 1 61 + -ʻ *60 ʻ 7.0,ʻ - .9*.ʻ +6 " 6.8ʻ ." 3+R*61ʻ 60 - 51 0ʻ
+ 6ʻ 3+1 + -ʻ 3+ʻ ,15 . -ʻ *1*ʻ 7.202.*6ʻ 090 6 1 08ʻ 70 2.8ʻ 9*16.8ʻ . ʻ 5"0 + - 3+,ʻ
1/ .8ʻ "0902.76ʻ +6 : 6.0ʻ ,1 "0 0*6ʻ 5"0 + - 3+0ʻ : 6.0ʻ 4 , - 0*ʻ 40+7608ʻ ,+6. -ʻ
3+ 40 -ʻ 3+. - : 8ʻ - 1* 6ʻ *1*ʻ . 50 *.2.*6+ ʻ 41*00ʻ ,1 51 .ʻ 0* -ʻ 0/ʻ 0<+8ʻ 0 +ʻ *6+ ʻ
- 0 00 0ʻ 0* 0 *6ʻ 0 - 0*ʻ " * ʻ ʻ 2+,0 .6 8ʻ 06ʻ - " .ʻ $."0.ʻ 5 ʻ - *+6.6 -ʻ ,1*, .ʻ
,+ - ʻ .,0 0ʻ <+9".*4 + -ʻ 5+6. - *. ʻ ,10 +"0ʻ ".5 4 ʻ 3+0 *ʻ : "91ʻ . 41 . .ʻ :1,.*6ʻ
609+". 08ʻ ". - *.0ʻ , - - 2" 6.0ʻ 066+ .0 + + - 5.* 85 .0202.*6ʻ 0/ʻ *,0 * ,+"1ʻ 02+ - ʻ
./+*9 .ʻ +6,+73+0ʻ :06+8ʻ 06ʻ .*, 4. ʻ *ʻ 40" , 8ʻ 0 .6ʻ ʻ 4ʻ 7.8ʻ .*9 6 .8ʻ 5 06 ʻ ,. 6.8ʻ
2,,0 ʻ .066ʻ 51 63+. -ʻ 03+ʻ 90*0 1 ʻ .4ʻ + + -ʻ 20""ʻ 051 66ʻ 5 21ʻ 0 0ʻ ,1050 - *6ʻ " 2 .ʻ
03+ 7.0ʻ /ʻ .,ʻ / / ʻ 1 1 + - ʻ ,.5+6ʻ : ʻ 06ʻ : ʻ " 2 . + -ʻ J .*, ,. + - ʻ " *9+.ʻ *ʻ
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7. *ʻ 0/ʻ 02ʻ ; - 6 8ʻ 70 2 8ʻ 2260""ʻ ,2* 04 ʻ 4+ -ʻ 3+13+0ʻ 50ʻ : ,18ʻ 4 " 9,*60 ʻ 06ʻ
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3+5 +*/." 13+ʻ 541 0ʻ 2X1ʻ *0 - 1ʻ *1*ʻ ".040 06+ ʻ *ʻ ." - 1* . -ʻ +24+4.ʻ 06ʻ 0ʻ 3+ 4ʻ
74ʻ 0/6 0 - .0ʻ 70,0 " 6.6 8 0/0 - 5 + 7ʻ 400 "06ʻ 5+0"".ʻ 6 0** 8ʻ 0/ʻ .5 0ʻ - 1 6+. 06ʻ <. 66ʻ
ʻ ?0".6.ʻ 40ʻ ,1* " 1ʻ :06+".0ʻ 0 1 .ʻ 5 8ʻ 5. 0*6 2+8ʻ , 21ʻ + 6ʻ 3+ 6. 70*ʻ 0ʻ ,2 - 50 6.ʻ
- .9 6 .6+8 076076 .ʻ .4ʻ 9*0 -ʻ 4. - *.6ʻ +76ʻ < +6ʻ 7.0,ʻ 22 4 1ʻ (. - . 6.*.0ʻ . - 8ʻ *ʻ
.0 8ʻ " 2 8 - 0 - 1 .6.0 ʻ 0 1 1"; - 6.*.0ʻ .ʻ J".: 5ʻ 1 0571ʻ 44, 56.0ʻ 06ʻ + - . -ʻ
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, +"1 1 - *. + - 6. 4 41 3+14 +50 1 2+8 20"" 8 - .6 1*.0 *12 "08 60 .0 * ""+4
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&.6+8 + + . , +2 6 5040 2*91 4+4+ 51 9 6+ +2<04. 3+0 .2 , . 5. 60 ." * .8
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06 *1: . - +* 6 1*0 1, , +5.61 8) *0. :1, . 66 5.+".6 - . ,0*40*41 0/60*4 6+ +
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6 1 6 8 .4 . ,0 - U& 060 0 - 0/60*4 6+ 06 *40 .4 51 6. - *1:. - 50 6 *06 3+.0 4+5" ,
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71 6 + - 5 .0 4 + - ., "0 ,.5 .*6 * 7 8 0*0 6 .0 3+ 2+8 9"12 0 - 66+*6+ " 2
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5"0 3+0 "148 ."6 6+41 ,.".8 *1* .4 - 66 6 +* ,+" *0 .9.*6+ .0 6+. .5 17 20*6
+*16.*6+ - "1,1 0/,0561 3+ . 9 +*0. 51 6. .4 :.*90" 5 15+9*.,+"+ - 51 9
6+ I 1*6 . 61 - 0*61 + - 4+8 *60 1 2+8 6. * :060 2+8 3+. - *1: 8 0/ 6 +4 8
- +* 6 1* 2+8 40 0*4 6+ ' - 10* . 1"%.0 ".2 + - 0/60 +8 ."6 6+4 * +50 .6 6. +6 .2
01 ,1*609 : 40.*6+ 0 6+. 1 2 8 3+16 4 0 1 " .0 ."++*6+ 3+1 0,040*60 .3+.
.4 *1* 0/ 9+. - ."6 6+4 *0 - ,".+ 6 8 06 *06+ 50 + 20 - .4 - 1".8 . *. .8 06
1 40 8 5+ 9.*4.8 0.40 - . 60 - +"6 8 "1, 8 40 :.6. * + (0 0 .*6 , 1 , , , 40"04
- " 608 , :08 2 8 - ""0 09 09 0 . - 8 * 6 +4 *0, 20"" +408 7 8 5"+ 08 1 6 " -
6 2+* ., ,0 *6 1*08 5 .00 .*6K * 8 +50*. 4+8 ". 6 +8 71 - 1 5+9*./ 06
? 7.""1: +8 0 $ 41* ,. *12 " 6.60 ? ? (%1 - .*+8 161 - .91 + 20 - 5 90 1 4 *+ -
4+41 (":.9 +8 + ". +50"".7 , :08 D(.". &.41 * +8 .*1506+8 . - 5.
* +8 ." %1 - 0*6. 5 .060 0. .0*0. - + ." . *+ - 0 1 / : , . - 50 6 . - *1 . ,
013+0 5"+ . 0 0. 5+":0 8 61 - 0*6. 51*45 .4 ' *1:+ - 06 . - 3+16 4 0
,1* , 02.*6 & * 061 - * 8 90*0 8 ,1 - - 0.6+8 *.+6 , 3+0 2+,,0"".6 - .9*. 0 .6 .5+4
,18 ,15 . + - 0*6 50 0/ 9+. 55 4.* .9 0 60 1" - 71 - *+ - 90*+8 - 0 ,.6+ .0
., 0 *.+6 , 404 6+ - 3+.0 6+8 .: 4+ - ., *.6+ . +50 2+ - 51 60. ,+" - 06 +
5.+"+ - - 6 9.6+ - +50 1 2+8 6. - 0* 20"" 8 06 71, +"6 - 1 +. + - : + - .41 50
,+ 1 .+4.,+8 044 6+ - 5 6 *18 .* - 18 06 *+0 0 6+*, :0 1 $. 0* 6+ - +"6+
0 0 .6 - 06+ .63+0 *4 9*.6 1*0 .4 - 6 8 * 7 " *1* + 6 *0 0 5. .6 0 .*6 516 +8
3+. - 0 01 + - 3+18 12 . - ,1 + - 06 0.*40 - ,.+ . - 1:0*6 + - 0 + + - *+50 -
. 60 , +1 0 - 4060 6.2.*6+ . 2 6 1 ,1 - - 660 0*6 8 06 .* - 18 - +" . ." .
., 02.*6 ' - 6+41 + 2 8 3+.0 6+*, 0. 1 - . 3+."0 - 0. * 40 0 5 6 - +8 0 .6 !*. -

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+,'"1*90'. - 5" 1 08' - +* 6 1*08' +*6' . - 5" , .6.' ,+ - ' *1: 8' - +* 6 1* 2+8' + 20@ 5
508' ,". " 8' 6.** , .0' 3+.0' ' *' (.*61* ,+ - ' " 6+8' 40 ,0*4 "06' ,' 0/ 6 - .2.*6' . ,'
5 1' ,0 61' ." - .2.*6' 1 0' +6' ' . - 5" +8' 0' $ 65* , .'06' (.*61* , .' *12 " 6.60' 3+ '
'41 - ' ,1*6 *02.*6' 1, ,. 1*0 - '155, 0*608' 7+ ,' 0' ,1*<+*90 0*6' # ". : .' 60 - '
*' .0 6+. 1' ' E. + - * .0' 155 4+ - ' .4' 20"" ' .6 1*0 - ' - . / - 0' 1551 6+*+ - ' 01 + - '
9*.' - 1 / ' 03+0 06+ ' 4' 7.0,' *,1 - - 141 + - ' 09 8' .6 1*0 - ' * 2.*6' 06' 01 + - '
,*+ - 0 .6 1*0' " 2 ' 2". *4 02.*6+ ' 0+ - 9 .*4 ' . , 0' ." 0*1' +53 1 2+8' 20"" 8' ,1* '
6 .41' 1*0 .6+ - ' .0 . 1' 5. ,0 0' 06' 4. - *1 + - ' 20""+ - '90 0 0' - +" *1*' 51"%0' ' 6+ *'
, 02 .8' *60 ' .+". 0' 09 .0' 5 1,0 08' ,1*60*6 1*08 ' 4 - +"6.608' 06' .0 - +". 6 1*08' 0 "0 '
4+ - ' . "60 ' . "60 +8' 9"1 .0' 06' ,1 - - 14 8' *: 406' 5 - . 3+0' 126 *0 0' 6+406' +"6.'
60 - ' . , , 40 0' 51 "0 ' +6' 08' 7+ - .* .0' : . 8' . ,' - +"6 5" , 2+8' , . 2+8' 12* / .0' +*6 '
3+1 + - ' +* +8' *60 :0*6+' .6' +6' 0/504 6 1' 6.*61' . 41 0' + ,056.' *60 - 66.6+ ' *60 '
3+.0' *+ - 0 .2.*6' 09 * .0' - 1 60 - '3+. - '7+ ,' 20""1. , ,0*40*41' 6." , 8. 6 2+8 . ,0 - '
5 .06+" "0' 2 ' 50 + .402.*6' - 1 218' 40* 3+0' 06' 06+ *' *' "1*9.' 12 4 1*0' 50*+ '
. - ' 06' ." .8' 50 60 8' *' - 04 + - ' .44+,02.*6' ' 3+ 2+8' 1 0' 4 ,02.*6' +6' 4+,08' ". 21 '
2+8' .41' - " 60' 06' <. - ' *' 6.6 1* 2+8' 120+*4 8' 09* ' +6' +*6' - 12 " .' 06' - 1 .0'
- 5.6 0*6 .' E. ""1 + - ' *90* . ' .2' 12 4 1*0' 4 ,040 0*6' .0,' : +"91' *1*' 1"+ - ' *'
, ,+" 8' 0 '06 . - '0/' . - 21*0' .5. 61 2+8' <.4.2.*6+ ' 3+ ' . - 5" +8' ' *' 0. *' + 20 - '
,+ - ' +2 3+0' 6161' 09*1' 0/ .9 6. 0*6+ ' 06' - . / - 0' 1 - * + - ' 5060 0*6+ ' ,1* "+/0 .*6 '
,6' 60 1 2+8' : . 8' 5"02 8' .* - 18' 5. " - ' ,1*, 1* 2+8' + 8' - 5"02.*6' 0 - 5+2" , . - '
6+*,' 90 02.6' A. ,12+8' ' 0* , +8' - 0 , .61 ' +50 1 2+8' 60 - 51 2+8' 1" * ' 5 .0 '
0 " ' - . 8' 4 , 5" *.' - 2+6+8' 71 - 1' *1*' 6.' 1"0 6' *90* 1' 04' .4' 0/6 0 - .' ,1* " .'
12 - .61' 4+ 8' .1 2+8' 06' *12 " 6.6' .4' 1 - *0 - ' . : 1 8' .+" , ' .+ . - ' +6' . 02.6'
- 12 " ' : . "40' * 0 6+8' 8' (. " : 0 6' , : 8' +50"". *' ,1* " 8' 5 .0, 5+0' 0902.6+ ' 3+ '
3+14' 0 - 5+2" , . - ' +50 1 2+8' 20"" 8' + - - .' ,+ - ' 5 +40*6 .' .4 - 6 . "06' - .9*.?'
* .+41 6.60' .5+4' +18' 0 .6' ' 0<+ 3+0' *60 :0*6+ ' +21 6 8' *60 ' *12 " 6.60 - ' 06' 15 '
5 4.*18' 40' - 50 1' ,1*60*6 1* 2+8 ,+ - ' 08' 5 150' .4' *60 *0, *. - '50 * , 0 - ' 504. '
06' . * - ' .05 +8' 0,1*, " .6' +*6' - 50 1' 50*08' 5 .061 0 - ' + 2.*+ - ' 3+0 *' : +"91'
' .<1 0 - ' : 1, . *6<"0 - 50 ' 0 - . *0*60' * 6 1' . * * '60 0 6 ' - +" 06' - . 6 - .' 12 B
4 1*0' + 28' + 902.6+ ' 4+12+8' , . 60"" 8' .' *1 6 8' 0/ 6 +4 8' 3+.0' .4' - . 0 51 6.' . " : 0 '
51 6+ - ' +20+*6 8' .+,08' +6 *3+0' - +* 02.*6' 06' * . : 0 8' *9 0 "+' . ,' 0,0 ")' 5 17 20 '
2.*6' . "60 + - ' .' "1,1' P 1 0" + - ' 4 4+ - ' 0 : .2.6' +41: ,+8' ' 0 0*9. +8' E. 6 +8'
504 6+ - ' 6 2+*+8<' . "60 + - ' ,+ ' 1 : 1' *1 - 0* ' 8' 1 0* +8' 3+ 6.*+8' ,+ - ' ,171 6 '
2+8' 5 .061 8' 40 0*40*4+*.' + ,050 .6' *60 ' +6 + - 3+0' 1*0 . .' * . : 8' *90*8' &0*06.'
+50 1 '20""1' .'A1. **0' ' (1 .' 0' - . 6 - .0' 6+*,' "09.61' *60 ,056.' 06' .' 09 8' 40 - '
,058' 0,056.' *' - 04 1' . " : 01' ,1""1, .6.' + 6' 5 1 .' .4' - 10* .' 1551 6. ' 3+.0' .2+ .'
- +"6.' ,1 - 5"06. ' +6' - 1 ' +*41' 7.0 0 06' 61 - 0*6 8' . ,' : . " 41' 5 .0 4 1' - .6.' .4 '
:0*6.*60 8' 3+16 4 0' 4+,0' 0140 - ' (1 .' * . : 0 8' . ,0 06' 0/' 0.' 40 6 * .61' 4+' 5 ". 3' ,1*B
6 *+0' *' 155 4+ - ' 0 - 6602.*6+ ' - .<1 0' 155 4.*1 + - ' - 06+ ' 3+. - ' *,1 - .141 '
3+ 5503+. + - ' *60 4+ *' 4 2+8' 10 - * .0' 0 ' 41 - 0 6 , .0' .+6' : ' *0916 8' 5 : .6 8'
*60*4' *15 * .61' , . 50 0*6+ ' ' 3+14' *,1 - - 14+ - ' +6' .' 0' 0 - 1 : 0 0*6' 5 .0 4 . '
' 0,+*4.' : 9 " .' .4' - . 6 - . - ' - +* 6 1*0 - ' : .41' "" +8' "1, ' 7+ - " ' . , ,04+*6 '
06' 9*0 8' . 6 , 1 18' 3+1 + - ' "" '50 6 "" - ' +*6' *' 0. *' ,1*<0,0 +*6' 04' 8' - 1/ '
09 1 + - ' 4 " 90*6 .' 0 6 *4 8' 50' 0/, 40 +*6' . - 3+0', , 60 ' / : '0' + 8' *' 155 4+ - '
5 150 0' 0' * 04.' 040+*6' 6.' 5 .05. .6 8' +6 *3+0' .4' 40 0* 1*0 - ' 06' 155+9* .6 5 '
0 - ' 02+8' 6. - 0' 1 - * .' *' .4:0*6+ - ' 0* , ' *4 + - ' 4+, 8' + 50* .' *6' 06' *,'
* 7 "' *60 +*' .90 06+ ' 0 - 1' .' 090 ,+ - ' - .*4.6 8' A1 .56 6.' ?&.4.9* 1' .22.60
60*6.6+ -

% $ ' ' ' , ' B 0' ' ' 2' ' $' % 'S ' I
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60*6.6+ - . +8 40 5.,0 ,1""13+ + - 1*+8 : 4 A.* .4 12 0"%18 , 2 6< 06
W1 + - " 60 .8 .4 090 - 50 0 ,+ ."%0 0 4 ,R 50 &.4.9* + - 3+ *+50 0/ .+". 0
4 0 6 06 09 8 .4 5 18 - .*4.6. 7.20.6 506 63+0 +6 .4 0. 0/51*0*4. * + 20 - *
6 14+,.6+ 5 1 *40 4.6 8 12"64 2+8 &.4.9* 0,+ 6.6 ,.:0.*6 4 7.0, "" 12 408
1 51 "0 - +"6.8 12 ,.+ .8 0 - 660 0 0"51*40*6 5060 0 9 6+ +6 " 60 ., .4 018
,+ - 09 8 - .*4.6 8 - 66.*6+ c 3+ 2+8 - 5"1 .6. 4 : *. 150 3+14 0 0 : 402 6+
5 16 *+8 " *6 0 51* + 4+1 51 6 1*+8 01 0"51* 1 6.6+8 .4 018 06 .4 .
*1: + - 4.6 " 60 .8 06 - . 0 4 , 6 3+14 *60 5 *, 508 .03+1 <+ 0 .90*6, 8 0 - 50
" ,+0 6 *03+0 +*3+. - 0,+ .6+ - +0 6 +6 "09.6 +6 *3+0 - 4 .4 - 66.*6+
09 ,+ - +50"".* 8 <+ 8 *1* 0" 0 06 40"09.608 +18 *1* .4 - 66 ,.+".8 :0 1 3+.0
1260*4.*6+ 0 *1* 50 , 50 0 0/ 01 ; - " 60 8 - +"61 - *+8 4 : *. 0 51 0 4402.6
* " 60 8 .4 .*1: + - :0 0 0 *0 * 71, *0916 1 3+14 0 0 * ." 8 .,, 4.6 +6 3+
.4 ,1*,3 4 . - ." 18 71 6.*6+ 4 * - 6.6 8 +.0 ,1* , 0*6 . .,0 0 .4:0 ". 8 : ?
40.*6+ " 0 0* - 0 +6 .*. ,17" " . 6.*3+. - *1* . 21*. - 0*60 5 1 04. 50
*.*6+ .6 0* - ,+ - +*4 3+0 6 16 8 09* : 2+8 3+.0 * 4 08 .4:0* .*6 5 0 - 0*6+
6+*, 40 - + - 0 . - *0 - 0*4.2 " 8 ,+"5.0 510* 60*6 . - 1 0 8" 60 8 .,,056 8 *
7 "1 - *+8 155 4.* * 0*60*6 . 50 6.*6 06 "1*90 4 :0 . - +. - ,+ - 090 ., ,060
1 + - *60 0 5 *, 5+ - ,1*4 6 1*0 - 0 "0 40 - 1* 6 .*6 .3+1 + - ,.+ 5 14 6 1* 8
+ 5 , 1 .20 6 013+0 " 20 0 ,5""13+ . 06 "09.61 + - 6.6 1*08 *60 018 50 - 66+*6+
5 1 *40 +6 0 561 .9.6+ 506+*6 .4 0: 6.*4.8 ,."+ - * .8 06 50 ,+". 3+.0 71, 60 - B
51 0 0/ 7+<+ - 14 ,1""13+ 8 0:0* 0 51 +*6 *. - 01 08 40:0* 0 ,. + $. " 0*"
+6 " 2 .5 .*6 06 . - 6+6. 1 - * . - 06+0*4. " *6 0 * 5 .0 0*6 . + - +"60 +8 +
90 06+ ,1""13+ + - - +"6. 3+.0 *, 40 +*6 - 504 - 0*61 +0 0 . - 6 4+1 51 6
*15 *.6. 0 +56 1*0 ,0 6.6+ 7 0 6 60* 0 6.60 4+1 - - . 6 .*.0 ,171 68 - " 6+ -
3+ 3+14 0 +56 1*08 40, 061 4+,+ - 5 17 2 6.0 0" 0*6 *<+ + 01 + - ,.". 0 *
1 . - 40 - 0 +*6 06 5. - 5 +40*6 . * 71 60 .: , * 1 0 - ., 5. .6 1 0 - 3+. -
02.*6+ 5 .0, 5 6.:0 0 3+18 ." .63+0 ." +2 *40 0,+6 +*6 0.3+0 08 .4 <+ 6+ .
,0 6. - 0* :0*0 .6 ,+ - .*1: +8 +1 + - 50 ,+"+ - - * - 0 *09" 90*4+ - .6+8 06
.4 . - . - 50 6 *0 0 0/ 6 - .*8 *0 5 - 8 ,1*9 0"" 2+8 : *, : 40 0*6+ 5 0 09 0 "+8
0 6 ,+ - 40"04 8 03+ 6 2+8 06 3+ *3+0 71 . + - 5.6 1 ,+ - 09 8 4 - ,.*8 * 4 . + -
:. 8 "1, 8 .2 5 8 4 51" 6. + - - 506+ - 50 09 6 ?., 5.+, 8 6.*40 7 . - " 8 06 ..
<1 0 - +"61 . 09 8 4. - *1 .,,0561 * + 20 - 04 6 1*+8 - +"61 + - 6 50*4 1
+ - 4+/ *1* ." .8 0,+*4 - A. 0*1" + - ,0 6. - 0* ., 1 5+9*. 6+ - +"6+. .,0
6.6+ - - 0 - * "0 0 - +"616 08 51 60. . - .: 6? .56 U (.". 06 J1" +8 < 06 ." +8
$ 9."". 1 5 1/ - . ,19*.6 1*0 ,1*<+*4+8 3+ ,+ - +9. - 5. . 06 .* 0/ 14 1 *
A1 01 - 1*6 + - $ 9."". + - . +50"".* 8 ,1*,0561 *,0 6+ - 0/6 . + 20 - *60
04+8 0 6 0 *40 0/ D% 2."40 0/ (.*61* , . *12 " 6.60 : - " 6. 8 06 1" - $ 1
60 6.*6 + - 414 *. - . - 5"0/ * + 20 - .4:0*6+ 3+14 8 6 .*8 +9 0*4 50, 0 *
9+ "". +* 06 ,060 18 *12 "0 8 .4 40 04<1*0 - 1" , 6. 06 06 0 * 04. * ,. 6 . 09 .
04 06 *<04. *1* - 04 1, 8 155 4.* 8 + 5 , 1 3+." - * - 0 *,0 . 40 ,+ -
5" 8 .90 06+ 3+.0 51 6 0 - 1 - + - * - 14+ .+4. 0 6 40604 8 5 .061 + 2.*1
G,,+"6 8 + 2 8 *60 , 5 0 4.0 ,1*" " 8 50 3+0*4. - *12 "0 - 3+ ,1*<+ .6 1*0 *1B
- 0* 4040 .6 A. - 0* - - +R - " 608 09 09 0 . - .6 3+." 6 .*8 +9.0 0 ,. 6 8 *
+ 20 - :0*0 .*6 0/ $ 9."". 06 9 (. - - . 6 * +670 .*0 :+"91 4 4 ,15 8 06 +2
9 * !) * % $ % %
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4 51 6 8ˢ 6.6 1* 2+8ˢ 3+1 4. -ˢ 0/ˢ + 504 8ˢ, .5618ˢ 06ˢ - 5/ˢ .ˢ + 0*60ˢ 5"020ˢ - .4.618ˢ 0/ˢ " "
- 10* 2+8ˢ *ˢ 1 ". -ˢ 5 .0, 5 6.6ˢ <+/6.ˢ 51 6. -ˢ *1:. - ˢ +6ˢ .ˢ 09 8ˢ ,1* 5 ,0 0*6+ ˢ ˢ
,060 ˢ *ˢ, . ,0 0 -ˢ ,1*<04 ˢ +*6ˢ < 6 08ˢ 3+.0 6 1* ˢ +2<04 ˢ A.,12+8ˢ ? (." ,06+8ˢ * +".
A1 4.* +8 ˢ A1.**08ˢ ˢ .*6." +806ˢ $06 +8ˢ E+ ""1,71 ˢ 3+ ˢ 61 6ˢ 06ˢ *9 "".6 * ˢ *60 1
9.6ˢ .ˢ ( ) * + ˢ $ 9."". 1ˢ *1*ˢ 9*. 1ˢ 1*1 ˢ 0ˢ - "28ˢ ,1* 0 " ˢ +*6ˢ 0.ˢ 4+, .
+6ˢ 9*1ˢ 4.61ˢ - +"6 ˢ *ˢ + 20ˢ 0ˢ "" 8ˢ .4<+*90 0*6ˢ *. -ˢ 2ˢ ,1* - .6+ - ˢ .ˢ $ 9. . 1
0 "0ˢ *ˢ + 20ˢ 71 - *0 - ˢ ,+<+8ˢ *1 - 0*ˢ 9*1 0*6ˢ 3+ ˢ ,".;0 8ˢ +551 6 6 .8ˢ 50*08ˢ 0ˢ 7.
20.6ˢ ,+@+8ˢ 50ˢ 0,"+ .5 - . <.+ 2 8ˢ 51 6.ˢ 1, Q.4 - 66ˢ 40202.*6ˢ 0ˢ 8ˢ + - 561
+55" , 1ˢ 06ˢ 0/.,0 2.6 8ˢ 5 1560 0.ˢ 5"02 8ˢ .* - 8ˢ * 7 "ˢ ,1""13+ 1ˢ .9ˢ 516+ 6ˢ %.0
6.*6+ - ˢ .4ˢ +50"".*18ˢ .ˢ 1*1ˢ 50 ˢ &.4.9* + -ˢ 4+, . .0ˢ 09 8ˢ 60 .0ˢ / ˢ S." A.*
+606 .ˢ 4.6.0 [illegible] 1/ˢ 06ˢ 40ˢ .4:0*6+ˢ *4 * ˢ 09 8ˢ .:. .0ˢ 1*4.0ˢ 26ˢ . 1 + -ˢ 5 1ˢ
,0 + - ˢ 3+ ˢ 50 ˢ 4 51 618ˢ 03+18ˢ <. - .0 . 14) *+ -ˢ %+ 1*+ -ˢ + 3+0ˢ 5 1,0 0 .*6ˢ
."".6+ - 0 " ˢ .ˢ 0ˢ ,19* 6.ˢ 5 .0 4 . ˢ + 20ˢ 0/0+*6ˢ " 0 6 .0+ - 3+0ˢ 5 1 04 ˢ 06ˢ *ˢ
, 5.2+".61 08ˢ Z04ˢ , 6 .ˢ ,0 6. - 0* ˢ 6.*6+ -ˢ " / 8ˢ .,ˢ ,.,+" 8ˢ * 2ˢ 050 6 8ˢ ,1 - - 0. ˢ
6+ - ˢ *ˢ + 20 -ˢ - 51 6.*6ˢ 06ˢ : ,+ - ˢ *,0*4+*6ˢ & , " - ˢ *,0* .0ˢ .ˢ 09 8ˢ - 1".6 *.0ˢ
, +*0.0ˢ 51 6.0ˢ 5 1/ - .0ˢ 0/,056. .*4.ˢ :+"91ˢ 4 4.ˢ 3+. -ˢ 1 - .*+8ˢ 155 4.*1ˢ
+ -ˢ 20*0 , 1ˢ .,,05, .6 ?:0 6+ 3+0ˢ " 0ˢ 06ˢ " .ˢ 0.*40 -ˢ ,+ -ˢ ,060 8ˢ 1 60 -ˢ 0/50 ˢ
06+ ˢ 5 6 *. 1ˢ 3+ ˢ 0. *ˢ *60 4 +ˢ 0/0 ,02.6ˢ +2ˢ :0 50 . -ˢ 0ˢ *ˢ + 20 -ˢ 0, 5 0*60ˢ
- " 60 -ˢ * 1 4 +ˢ - - 6602.6ˢ 3+ ˢ "/05 6+ˢ *90*6ˢ .41ˢ 06ˢ :1,08ˢ ,1 - 5"+ + - ˢ - 6.6+8ˢ
"".6 1*. 8ˢ 09 8ˢ + 5 , 1*0 -ˢ 0,0 .6ˢ 3+. ˢ "1,+8ˢ .ˢ :." 41ˢ 5 .0 4 1ˢ 60*0 06+ ˢ G+. *ˢ
15 * 1*0 -ˢ .4<+:.2.6ˢ 1 - .*+8ˢ .ˢ 51 - 10 1ˢ ."6.ˢ :1,0ˢ 0/ˢ ,1 - 5.42ˢ 40 0* 1 08ˢ "1, ˢ
+6ˢ 21*1ˢ .* - 1ˢ 0"%0*6ˢ .471 6.*8ˢ 7. -ˢ 2 0: ˢ. J1 0ˢ +5506 .8ˢ 6.ˢ " 6ˢ *1 6 ˢ 3+ ˢ *14 ˢ
,1*:0*0 .*6ˢ 51""ˢ 4 5"1 18ˢ ." 3+16ˢ ,1"+2 *.0ˢ 4+8ˢ : /ˢ 6.*40 -ˢ - " 60 -ˢ .4ˢ ,1""1 ˢ
3+ + *ˢ 4 3 6 4 0ˢ 0" ,+0 6ˢ 3+ ˢ +6ˢ - 0*4., 1ˢ 6 4 ,+"1ˢ 40 -ˢ . 6) 0 06ˢ : 6. -ˢ 2 ˢ 06ˢ
+8ˢ 5. 6+8ˢ "1,+ - ˢ 404 4 6ˢ 1 6 ˢ :061ˢ - 1".6 *. - ˢ *9 0 ˢ ,+ -ˢ *0 - *0 -ˢ *6+8ˢ 0ˢ
50 "%0*6ˢ 2ˢ ,1*6 .ˢ 20"" ˢ "0908ˢ 5 4,.,ˢ . 6+ˢ ""+ + - ˢ *4 9*.6ˢ 71 - *0 - ˢ + ,.0ˢ * 6 1ˢ
.44 ,+*6ˢ 04 ˢ 9 .6 .ˢ 0ˢ .ˢ 1*1ˢ : 6.0ˢ .4. ˢ 6.*6+ - ˢ 0 - 2ˢ - .*, 5.6+8ˢ 0 6ˢ +*40ˢ 51 60.ˢ
.+ +9 6ˢ Uˢ 4ˢ 8ˢ 1* 0""+ - ˢ 40 *ˢ 5 4 0ˢ S." ˢ J02 ˢ 0 +56 1*0ˢ .ˢ +50"".* 8ˢ .4.ˢ ., 606ˢ
5+9*.6+ - ˢ 06ˢ 51 6ˢ 6 4++ -ˢ - .<1 0ˢ ; ˢ .4ˢ E1 0"" . -ˢ .*1: 1ˢ 4+,0ˢ 2 0 - 2+8ˢ 06 . -ˢ
0ˢ 51 6.ˢ 09 0" 8ˢ 5+9*.3+0ˢ .4ˢ 7140 -ˢ + 3+0ˢ 0/6 .4.ˢ + - ˢ <. - ˢ 40ˢ *4 * ˢ .4;0*6.ˢ
- * - 0ˢ 4+2 6. 06+ ˢ 06ˢ 1 - * .ˢ .4ˢ 0 . -ˢ 12 64 1*0 -ˢ 5.6. 0*6+ ˢ 155 4.* ˢ 60 6 1ˢ *ˢ
*9" . - ˢ .4ˢ - .6+ .*4.ˢ .+/ " .ˢ - 66+*6ˢ ' 06ˢ 3+1ˢ "09.6 1* ˢ - .<1 0 -ˢ 4 9* 6.60 -ˢ ,1* ˢ
, " . 0*6ˢ ˢ *9+ "". + -ˢ 0 5 .0 , +*6ˢ ,+ ˢ & *,0*6 + -ˢ 0 0""+ -ˢ +50"".*+ -ˢ .4 ˢ
<+*9+*6ˢ 04ˢ *0,ˢ 0.ˢ "09.6 1ˢ - .9*+ -ˢ 51*4+8ˢ 7.2+ 6ˢ 5 .01,,+5.61ˢ 09 *.0ˢ *9"4 ˢ
6+ -ˢ 50 ˢ "09.618ˢ 09 18ˢ *90* 1ˢ

& ˢ D ˢ .**1ˢ : ˢ S."ˢ 1: ˢ *.6.ˢ 06.6ˢ " .ˢ 09 ' +*40ˢ 1,,. 1*0ˢ
+ - 56.ˢ "20 6+8ˢ ˢ E1*4 +8ˢ .40 . + - ˢ ,1 - 08ˢ 3) ˢ. ,.*1 + - ˢ ,1* " 1 + -ˢ 5. 6 ,058ˢ
6+*,ˢ - . / - 0ˢ *ˢ 9 4 .ˢ "1 ,2.6 ˢ .4ˢ " .2067. -ˢ 09 8ˢ *1 - *0ˢ - " 8ˢ +0 .6ˢ 0/ˢ
3+ 40 -ˢ 09 *.3+0ˢ ,+ -ˢ 5 1: 40 0*6ˢ ˢ 08ˢ .4ˢ. - .ˢ 40:0* 0*6ˢ 5. .6.ˢ 1 0ˢ .2 *9" 8ˢ
.4ˢ 0" 3+ .8ˢ $ 160 6.*6 + - ˢ +2"0:.*4.8ˢ .+/ " . ˢ 5 .0:0 6074+ -ˢ .6 ˢ 01ˢ .40 .*+ -ˢ
"09.:0 .*6ˢ +6ˢ 104+8ˢ *+50 ˢ ,+ - ˢ " .2067.ˢ 4+ - ˢ ,1* - . 06ˢ 19. 063+0ˢ ,9 *. - ˢ
+6ˢ 5 1ˢ " .ˢ 09 ˢ *+50 ˢ *.6.ˢ *ˢ "+ 6 ."ˢ ".:., 1ˢ 40<+20 0ˢ :0""06ˢ < - +6+. - 3+0ˢ 50,+ ˢ
* . - ˢ 6.*3+. - ˢ .2ˢ . - , " - .ˢ 5 *, 50ˢ 5060 06ˢ 8ˢ - .9*.ˢ 51 - 5.ˢ 01ˢ 5 1 04+8ˢ .* ˢ
6+. .0ˢ " .2067. -ˢ 1 0*4 6ˢ .667.0+8ˢ #$. R0 +8ˢ . 67 05 ,15+8ˢ 09* ˢ 5 - . +8
,1* " . +8

& ˢ % ˢ "+60 ˢ .4ˢ +50"". -ˢ 5 4 0ˢ + 3+0ˢ 0/6 .4".ˢ ˢ ' ˢ . ˢ ˢ ˢ i ˢ 4ˢ C' $ˢ
S." ˢ J02 ˢ ., 60ˢ 5+9*.6+ -ˢ 0 6ˢ 0 +56 1*0ˢ .ˢ 5 .0ˢ ˢ ˢ ˢ $ˢ ˢ
"4 . 8ˢ .4ˢ 1* 0"+ *? + 3+0ˢ . 6. ˢ 06ˢ 51 6ˢ 6 4++ -ˢ ˢ ˢ (ˢ ˢ 4 ˢ. 6 6 ˢ (ˢ ˢ
- .<1 0ˢ : ˢ .4ˢ 1 0"" . -ˢ ,0 6.6+ -ˢ .*1: 1ˢ 4+,0ˢ 2 B ,1 - 51" 6.ˢ 4 .6 1*0ˢ ˢ ˢ ˢ i ˢ 4
0 - 2+8ˢ 06 . -ˢ 0ˢ 51 6+ˢ 09 0" 8ˢ 5+9*.3+0ˢ .4ˢ 51 60 .
ˢ % ˢ ˢ F$ ˢ ? ˢ + Aˢ ˢ B ˢ & ˢ ! ˢ 7 ˢ 4 ˢ , .' ˢ Iˢ $ˢ ˢ !
: ˢ ˢ $ ˢ ˢ ˢ 6 ˢ ˢ % ˢ " 0 ˢ $ˢ ˢ * ˢ :
? ˢ , 0ˢ . ˢ ˢ " # ˢ - 0ˢ U4

W' ' " '

',1* " . +8' *'. - 5" - .'.+".'.' 0' * 6.+ .6.'4 0 -'*.6.R - ' 09 *.0' 056 - + - ' , " ,06'
' R' (0560 - 2 8',0"02 .6+ +8' 5 . -' 09 *. - ' .40 .*+ - # 16.J0*0"1* + -',6' 1 - *0 - '
E."" , . * . - ' *) 2 " 6.60 - ' * : 6.: 6' %. * 6. 03+56 .' 08' 50 . ". ' 3+. *6+ - ' 51 6' . *B
* + - ' , 1 / ' 3+1' . 1"+8' :' 06' 0* ,+8' : ' *' 0.40 - ' .+". ' 0/, 5 0*60' 018' E+" '
2' h . 7. - 1'. ,7 05 ,151',1*: :.6' +*6' *1*' - 0 - *0 .*6' 71 - *08' *60',1*: '
: 1 + - ".+6 6 .8' .40 .*+8',1 - 51 6.'1 .6 3*0',6' 0/3+ 61' :0 21 + -'. 6 , 1' 6.* '
6+ - '.5+4' *9". - '516+ 6' +6' " .' *,0 .' 40' 0,+ - '.9', 040 06' 71 - * 3+0' *'.+".'
9 .6 1" ' 4 4 8' .,' 5 1 - " 8' 40 - ' 7.2, 06' ""0' $. 0* 0 - ' - 16+ - ' *1*' 0" 9 1* 8'
14 1' 04' .4' 4 " 5.*4. - '.' E1" * 1' 06',1* , ' * 6. - ' ,1*<+ .6 1*0 - ' 0/, 6.6+ - '
- +"6 8' :0 2 8' 40 - 1* 6 .2.6' 090 - '04 6.'.' 0 * $ 160 6.*6 + - '9 .6 . - ' .4.' 0" 9 1 0'
0 : . 0' :0""0' ' 06 01' 6.6+' *+*,' 08' ""1 + - '0""0' +6' *' 6.*6.' 0 + - ' * - 6.60' - 16+ - '
. - ,0' 516 +8',1 - 53* '3+. - 20"" '."0. - '60*6. ' 5 1 + - ' 0,+ 6.6 8' *60 6' 5 1 *40'
19. 0' 090 - ' *0' 5 06.'*+50' 4 ' 1040 8' 0" 9 1*0' 71*6 *08' 3+0 +"18' 06' : . *1' - 06+'
50 ,+" 18' .+/ " 8' <+:06' *0, .' + 8' <+: . ' 5.6 .6+ ' 04' 018' .4',1*,1 4 . - ' 06' 12 0U
3+ + - '71 60* ' ' 5"+8' 0* - ' "" 8' *' 20* 9* 6.60' 09 .'3+. - ' *'. - 8 ' 5 .0 4 ' 1 0'
.' :0 1' :0' 3+14' 6.' 0 - ' 7.20 0'.' .40 .*1' 50 +. .' , 040 06' :0' 3+14' 405"1'
.6 8' +6' 02.6+ ' $ 160 6.*6 + - ' *' E."" .' 02+8' +* 56 2+8' 6' *.* 2+8' 5. ,0*4+ - '
4+,0 06' 6.' 2'50 +. + - '0 04':1"02.6' 9 6+6',+ - ' 0' 40' 50,+* .' - +6+1' 4.*4.'
0/,+ ." 06' *',060 8' 0' 1040 8' - 0 - 1 0 - ' 1 0' 1 60*4 6 ' *03+0',1 - - "%+ . - ' +6' 0/'
.,' 09 *.' 40*' +. - ' .,' 20*0:1"0*6 . - '." .' *' 0 - 0 61' 40 40 . 0' 51 0*6' G+14'
40' 50,+* .' - +6+. - .*4.6 8' .40 .*' .44 6+ - '0 .6' *1*' 01',1* " 1' .4+ - ' +0 .6'
3+14' *' 0' 126 *0*4.0' "50 - ' 0/'.,' 09 *.':0* "0*6' 04' +6' *9".0.* - + - '50 ," '
6. 0*6+ ' 06' 0'0/,+ .6 1 0 - '.5+4' $ 160 6.*60 8' - 51 6+* 8' 3+0 0" 8' 0.*40 - '9 .6 . - '
.2' 5 .'0 ".9 6. 660 8' 5. . 0*6' %.*40 - ' .40 .*+8' 51 63+. - '71*1 ' .2' " . '
2067.'0/,056+8' 0 6' ,+ - ' - +"6.' 20*0:1"0*6 .0' 9* , .6 1*34 - * 6+ K' 50 : , 63+,'
"09.6 1*0' +.'+6' *9" ' *'.+/ " 8' - 660*4 8' 6. 4 ' 06' *' 50,+* .',1* - 14.*4.'.4 - 1'
4+ - '5. , ' +0 *6' *+""+ - 3+0'.)6' 50 0/ 9++ - ',1 - - 14+ - ' .4' E.""1 + 7' $ 160 6.*B
6 + - ' 08' *40' 04 0 6?' $.+"1' 51""' E+" 0" - +8',' (1 - 0 "06+8' ?' h 91 * .0',1 - 08' 5 '
- . +8' *9" .0' 09+"+8 06' ,+6' $ 160 6.*608' 6+*, *9".0' * 0 6 .4.2.*6 51*6 , 8'
5. 6 2+8' .44 4+8' *'.+". - ' ',+ - '2.56 60 1' 0/' 1" 41'.+ 1' :0* 6' 06' " .2067.0' *1B
- *0',+ - ' . .0' +9+ 6.0'.: .0' 06' - - .*+0" 8' $7 " 20 6' (.2.+4 .0' 4+, 8' 5 1,+ . '
61 2+8' 0" 9 1 1' 1 , 1' 40 +*4+8' 0 6' ' :' 1* ' J02 ' : 9 * 3+0' .' - .6 * 8' . .0'
" .2067.0' *1 - 0*' *4 6+ - ' *' 6 *0 0' h 91 * 0* 8' .' 5 .041* 2+8' "0+' E."" 8' 0+'
0"9 8' 5.0*0' *60 0056+8' 06 .*'50 ,+"+ - ' : 6.0' .4 6' 3+.'60' +"6 .' - 14+ - ' 6.6.'
*9".';'50' E+" ' I 1" 65,R+ - 09 .0',". 8',+ .61 0 - 1 - *0 8' E."" , .806 0"9 , .8' *.B
:0"8' 50 51 6+8' +18' ,.5' <+" 6<' 0/' 01 +0' 6.*6+*40 - ' 0 - 1 .0'.+/ " 8' 06' UP 1*91 '
- 0 ' ,1 - 6 8' 5 1 04 1*' ' *<04+ - '0 6' 41*00' 0.'5".,R6.' 06' 4 "" - +".*60' 1*91 '
- 0 +8',+ - '0/ 9+.',". 0' *0,' .6 8' * 6 +4.' 0' 0 1' *': . - ' 404 6' ' 2' 01' 60 - 51 0'
" .2067.40' *+56 8' 0 1',19 6. 0',105 6' 4+5" , ' - 06+' 0/' 1 2 6.60 *<041' 41 - 0 6 , '
, " ,06',1*60 - 56+8' 06' 2 *40' *1: . + - ' .2' 0/60 * 8' 5 *, 5 2+8' - 1" 6 1*+ - ' ,1*6 '
3+.0' - . 6+ - ' 06' " 20 48' - "" - .' 0 "0' - +* - 0*6.' 2' 50 +. 0 .6' 1*6 .'.+" , '
02+8' + 8' 6+40* 08' 4 "5+6.2.*6 \ 0" 9 1*0 - ' 06' <+ 6 6 . - ' : *,+".' 0" 0' - 50 ' ,1*6 .'
1 - * .' : ." 4 6 - .' ' ' *0,'0 "0',+ ' " .' .": 8' 7 8',1*60 - 56+ - '.' + 8' 6 - 0.6' 3+1 + - ' 08'
508' :16.' *'+*.' 5 +8' ."+60' 40 9+*6+ ' .* - '"1*9.'. :1 + - ' 0 0' 5 '12 6 4 '3+. "
0/6 , .2 " ', .60.'60*0*6+ '1,+" '40* 3+0': 6)6+ - ' 5"0*41 0' - .9 8' *' 4 08' - .9 3+,'
0/7 ". .*6+ ' 06' 4' 90*+8' ." .' . " 0*6.61 2+8' . - " . . ' + - ' .+60 - ' " .' .05 +8
' ' +" 5. 06

& ' ' '% ' ?' h1 ,0 6 .0' ' ' 1' 4' ' ' ' 1' 4
',+ - '2.56 60 1' 0/' 1" 41'.+ 1' ' ' ' 1' 4' ? + (' ' ' $' ' (' ' '
0' 50' E+" ' 1" 61,R+ - ' 09 .0' ,". "8 ,+ .61 0 - ' ' ' 1' 4' I
'%' ' '$' ' ' ' + . ' ' ' ' ' > ' ' 'R ' ' ' + $@'. ' 'R .7
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+ + 5. 06 5" 08 2"0 - 1, , 40*60 - *09" 90 0 "" ,1*6 . *,+", .2.6 6 0 - *0 - 6. -
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., ,1* + + - - * - . + - 60"". + - -+" 0/1 0*6 + - ., 1, , 40*6 + - "+ - 0* . 5
4. 8 . , ,0402.6 661;+8 . $+ 6.* 8 0 40 3+ 2+8 . - 4 / - 06+8 3+ .4. *60
$ 160 6.*60 8 5 18 , + . *1:.8 3+16 4 0 6+ 2.8 0/, 6.2.*6 5. " 8 06 . - . - 1 8 *
0, " + - . ,1*+ - .0 5 .045 18 " .2067.0 ,1* " . 18 " 20"" 8 3+ 2+8 018 6.*
3+. . 5.6 .0 5 14 61 08 * - +".2.*6< 06 3+.*3+. - ""1806 :1,0 06 , 56 8 A1.**08
2 h 7 69 6+8 3+ 51 60. . ,7 05 ,15+8 .*6+. 0* 8 + 6 5"0*0 ,1* +6. ",6 *:.
A0 ,02.6 * 4 08 - ."+ - +6 .4:0 +8 6+ 2+"0*6. - .401 .4 1*0 - *1: 8 04 4 8 .4 - 1
4+ - 0:0 8 15+8 +0 6 8 40 , .+ 8 * *+56 .8 ,+ - * ,0*40 06+ 09 *. *1* ,0
.2.6 .67. *. *1:.8 +2 *40 . ,08 ,1*,0561 <. - *,0*4 1 +2< , 0*8 . " 4+ 8 .5+4
9". - 5 1 , "0 1* 1 "09.6 1* 2+8 3+ 06 +18 50,+" . 08 09 8 50 - "%+ 0 - ".
4 * " . .+". 7.202.6 /1 6 8 6. - 0* .5+4 *18 6+ 2 8 ,+ - * 6. 06 +6 " 2 ,+ -
21*. 09 *.0 ;0* . * *9" .* 40 ,0*40 0 " ,0 06 " . - 506+ - 0<+8 ,17 2 - 6 +2
- 1*+ 63+0 *60 - 50 6 :+ - 1 0 0<+8 .4:0*6+ - 0,0*6 .47+, 6+ - +"6+8 $. 0* 8
0* + 06 +"5 , 1*0 0/ 01 $ 160 6.*6 2+8 *<04. 3+. .0 +0*6 8 *+56 8 :0* 3*8 +
*0 .8 * *9" . *+56 .8 ,0"02 .6+ +8 :0* 06

, , 08 *60 * * (,16 . 3+ 06.0 , .*6 +2 51 6 A1 2 08R * . .0
,1 - 6 8 - 1 60 - A., +9".''<E+(4 61* +8 .:1 0 - 0 .5+4 5 1,0 08 ,1*, " .*60
" .2067. , 0.6+8 5 1 2/"0:0 .8 .4 - 14+ - .4 ,1* 6 6+0*4. - 0 - 5+2" , . - "0908
* 6 1 - .9 6 .6+8 ,1*4 4 6 4+, .6 2 09 8 .*60 1 - * . "0/.*4 1 08R *1 ,1 -
- "". 0+ - . .0 ,1 - 08 .4 3+0 * 50,+" . 0<+ 0 50 6 *02.6 .06.6 8 40 04+ .2 71,
- +*0 0 0/," 40 06+ 44 6+ - +6 *+""+(51*6 , +8 .+6 .4 1 +8 .4 5+0 + - 090 -
.4 - 660 06+ *0, ,1 - 08 * "0 ,+ - 4+12+8 . - +" 8 2. 1 * "0 ,+ - +*1 , ,60. 1" 06
*0 - 08 $ + 6 . . *1 6 8 1 61* 1 155176 671" +8 +*6 ".0+8 06 9. 70" +8
3+28 . +41 6.60 +. " .2067. 4 6+ 2.: 6 06 50 0* 9+ - 8 S ""09 .0+ - 1 .61 0 -
++ - .4 7.8 ,1*4 6 1*08 6.*40 * .409 6) 6 0" 9 1 0,056. * (,16 . .*, 06+ < 1
61* 09 - * 1 - *08 0 + - - 660 0*6 3+ ,1*6 . 0" 9 1*0 - 090 - 5 1 090 -
." 3+ 4 - 1" 06+ 50 4+0"" 8 0*.6+8 .+41 6.60 <+4 , . 06+ : , "" - 0*60*6 .0 1 -
*08 ,1*6 . . - "61* 18 06 E1 41* 18 ".6.0 0 90 0*6+ 12" : 1 5 .060 61 + - .2
.**1 .*, 06+ < 0/,056.0 .2 0. 1 .: 06 0: * 5 1 09+ - 0.0408 3+.0
" .2067.0 . 2 6 1 0" *3+02.*6+/ 4 - .<1 0 - 51 60. 01 6.60 - 5". ,+ 6 *0 . +6
5 1 0/ .4 , .040 - 0/51*0 06 - .+6 0/ 5+0 .2 .4:0 .0 5. 6 8 5 1,0 2+8 ."+6 +.0
40 50 .*6 2+8 * E."" . - 0/51 6. 0 + +6 " .2067. 40 - 5+2" ,1 * " + - 0*61 *
60 51*0 06 , .040 - 5 1 09+ - I . - "61* 1 .+6 E1 41* 1 .+40 - * - 0 +6+ . - <
*0, * " 5 +8 ,1* 0* + 40 0. 3+.0 6 1*0 - 7.2 6+ - G+14 * 4 *+ - ,1*:0*6+
.*, 6+ - ,+ ,+*4 0 0 5 1,0 08 5 12. 0 : 40 0*6+ S , .4 +8 3+ 4 - 2+ 90*
. 4 .*60 2 0** + - . 1 .: 1 - 51 6+8 +0 .6 2 - +8 4 *961* +8 05 ,15+8
V +*R0"40* 8 . " 0 *12 " 6.60 3+ *0. 0 .*6 ,1*4 6 1*08 .4 - 660 0 *1"+0 +*6 <
06.3+0 1 61* .+41 6.60 . ,0 - 0 09 *.0 *1 - *0 60*0 0 40,". . +*6 A1,1
- 1 ,1* " 06 5 1 - 8 0/ E."" . .+/ " 8 ".4.6 (6 1CC +8 3+ 550 ,+ - ,". "0 * 4 08
,/504.2.6+ J + 6 . 5 0, 2+8 06 15 - 8 ,1*4 6 1* 2+8 12".6 8 *: 6.6 .4 5. ,0 - .
5 1 090 06 S ""09 .01 5 .0 4 . ,+ - 1 - *08 ,1*,1 4 .0 .6 1*08 0< ,0 0*6 %.*
40 - .41 ,+ - *9" 8 5 - + - 1040 , E+"] + 1 3+ 0 Z , 0 .6 - 50 .6+ -
" 6 ,+ - , 1 1 40"04 8 06 - . ,7 * 8 20"" , 8 . ,0 - 12 40 06 G+ *3+0 - 1"08 .4 0. *
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- ʿ0 04.0ʿ0ʿ3+"2.8ʿ :0 20 .6 1*0ʿ,1 6 *+.6.ʿ .: 4 8ʿ6+ 8ʿ5 - + -ʿE1*, 4 6 ʿ407ʿ - 6
ʿ5 0 " 1*0ʿ .4.ʿ5 15+97.,."+ .ʿ(5+ + -ʿ4 4+ -ʿ.2ʿ *9" 8ʿ,.56+ - ʿ 0<04 8ʿ *60 -ʿ
,+ -ʿ4. - *1ʿ3+ʿ .2ʿ ."60 .ʿ5. 60ʿ: -ʿ ., 02.*6ʿ %.*40 -ʿ5 .0 4 . 8ʿ0.040ʿ :+"*0ʿ
2+8ʿ - 1 2 8ʿ .,ʿ : 9 " 8ʿ .4 - 14+ -ʿ - - *+6 8ʿ .+6ʿ402 " 6.6 8ʿ .4ʿ ,1""13+ + -ʿ4, :0*ʿ
6+ *ʿ .,,056 8ʿ *6 .ʿ. ,0 -ʿ12 4 2+8ʿ 0* ,1ʿ? 0.01ʿ06ʿJ"0,,1ʿ(0161? S R.4 8ʿ5 2ʿ
06ʿ 120 6.8ʿ2 0"; *+8ʿ +* ,+"1ʿ40 - ʿ*,1"+ - 6.60ʿ 2ʿ.,ʿ+ 8ʿ5066.ʿ. ,0 -ʿ0ʿ6.ʿ
40 0ʿ5. .618ʿ1 60*4+*6ʿ ,+ -ʿ*+"".0ʿ ,1*4 6 1*08ʿ .4 - 660 0*6+ ʿ *ʿ. ,0 -ʿ 0 - ""ʿ
*1:+ -ʿ.4ʿ +50 16.ʿ *,1 - - 14+ -ʿ 050 +*6ʿ.4<04+ -ʿ + *.ʿ - .,0 .0ʿ ."60 1ʿ +9 8ʿ
.3+.0ʿ 1*60ʿ155"061ʿ06ʿ ."60 1ʿ .4ʿ61 - 0*61 + -ʿ 4+8ʿ0/51< 61ʿ +6ʿ0/ʿ02ʿ .3+.ʿ7.+ ʿ
*1*ʿ51 06ʿ 6.3+0ʿ6.*40 -ʿ " .2067.0ʿ. 2 6 1ʿ 6ʿ404 6 1ʿ / / / ʿ.ʿ3+1ʿ. /ʿ,1050 .6ʿ
12 40 ʿ4 0ʿ + -ʿ404 6 6 8ʿ 0:0 0ʿ.4+ -ʿS R.4 1ʿ3+14ʿ 1 .: ʿ.3+1ʿ - 51 +.8ʿ
+0 .6ʿ ,.04ʿ5. 6 , 5. "0ʿ , 040 06+ ʿ 06<.,121 .6 ʿ9.".ʿ".3+01ʿ .4.<ʿ *0,ʿ*1*ʿ
,ʿ 1 - .*1ʿ06ʿ 1R 1ʿ.+ , 2+8ʿ3+ʿ50,+* . - *9 .6 . -ʿ50 4+0"" + -ʿ.4+"60 0ʿ
. 9+02.*6+ ʿ + - 1ʿ06ʿ ,060 8ʿ - .*4.6+ʿ 09 *.0ʿ5. , 6+ .ʿ 4 *961* +8ʿ 067. ʿ
+2ʿ ,+ 614 .ʿ - +8ʿ5.+"1ʿ51 6ʿ: ʿ - 1 2ʿ*1*ʿ *0ʿ:0*0*ʿ + 5 , 1*0ʿ40,0 " 6ʿ<ʿ : + +ʿ
0 + -ʿ06 *90* 1ʿ 5"0*4 4 "" - +8ʿ 04ʿ :0 50"" ʿ +6ʿ ,7. - .0"01*6 8ʿ *1 - *0ʿ 22ʿ 4ʿ.ʿ
E01 9 1ʿ +,7.*.*1ʿ 6ʿ5 1 , 56+8ʿ 1,ʿ,. +."60 +8ʿ5. 6 8ʿ3+.0ʿ 09 *.0ʿ ,.+ . ʿ
5 15+9*.2.6ʿ1 - * *1ʿ5 1 " 9.6.ʿ .4 1ʿ ʿ

ʿ ʿ 0 " +8ʿ05 ,15+8ʿ 1 "0* 8ʿ3+ʿ + - - .ʿ 40ʿ06ʿ,2* 6.*6 .ʿ *0,ʿ
, 6 .ʿ: 6.0ʿ50 ,+"+ -ʿ70 .0ʿ +.0ʿ150 . -ʿ*.;.:0 .6ʿ *9" .ʿ0/ 0<+ " 8ʿ *ʿE."" . *ʿ 0ʿ
0,05 6ʿ .4ʿ(1+67. - 561* 1ʿ3+0 *ʿ *4 , 1ʿ +1ʿ *ʿ: 6.0ʿ50 ,+"+ -ʿ:1,.;0 .6ʿ06ʿ 0*B
,1ʿ 1Z. 41ʿ8ʿ 1 1", ʿ .6 0ʿ 2ʿ *.06+0*8ʿ3+ʿ52 60.ʿ*+""+ -ʿ 85+4ʿ .0 . 0 - ʿ
51*6 ,0 -ʿ06ʿ5 *, 508ʿE0 - .* .0ʿ - .<1 + -ʿ 0" 9 1*ʿ .44 418ʿ06 5 .0, 5+0ʿ .5+4ʿ
*18ʿ5 1ʿ . .ʿ1 , + -ʿ *60 - 6ʿ ,060 ʿ7+0ʿ) +,ʿ4 5.6ʿ 3X7+ "61ʿ51 6ʿE +Rʿ
1Z. 4+8ʿ *97. - +8ʿ%71 - .0ʿ 1Z. 4 20"" ,1 ʿ "" +8ʿ 1 1 , ʿ4+48ʿ0/ʿ."60 .ʿ
+/1 0ʿ "+8ʿ ʿ ." 6ʿ1" -ʿ40 *ʿ06ʿ - . "8ʿ5 .0 04 8ʿ .,ʿ5 ;.6ʿ 9)" ,+ 618ʿ : ʿ 40ʿ
504.6.0ʿ06ʿ.* - ʿ *; 4 ʿ .6 8ʿ,1*,0 6ʿ3+0 *ʿ *1/ʿ0,+6+8ʿ0 6ʿ 09 *."4+8E 0 +8ʿ
.*6 ʿ,1 - 08ʿ.*60ʿ.**+ -ʿ.ʿ 09 *.ʿ, 0.6+8ʿ ,+ -ʿ6 6+ +X 0 .ʿ - 2 60 ,7. 4ʿE 0 ʿ
3+ʿ5.6 - 1* + -ʿ1 - *0.2" 9+ 0 .6ʿ50 *ʿ. - 5) +8.**18ʿ<.,+ 606ʿ

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X+20 .6 4 * +"%+ 09 8 . , ,1*6 . 5 6+8 :1"+*6.60 - - .9*1 +1 ,+ - 41"1 0 . , , 4 "0
43+0 *0+"60 +8 0 06 0* /0 :06+ "0 .0 - 1/ 50 . - , .8 .4 +50"" .*18" 60 .8 40
4 %0 3+ 2+8 40 .* - 1 0 9. 5 18 +1 ,0 6 1 08 018 . , 02.6 ""18 :0 1 ,1*6 . - ."0
.* - .618 . , 50 +. 18 .4 . - . 5 16 *+8 ,1*,+ "0 6 0 - 0 8 +.8 *60 ,05 0 &
90.*+ - . 090 - + - 40 5+2" , . : 1".6. 71 6 " 60 .2 8 7.2 6+ - 0 0 090 - 6.
- 0* 5. , 8 6+4 1 + - 7.0, 1 - * . + - - . .03+ 6.60 . , R* 6.60 4 6 - +". %0< . , 5+2" ,0
6<0 6.6+ - 0 "0 :0""0 0 +6 40 ,060 1 * 51 60 + - 04 4. * 9 .6 . - $ 160 6.*6 + - .4.

06 *609 . - .*0.*6 3+14 ,1*:0*6+8 5 17 2+0 6 4 * 0" 9 1* 8 .+6 04 41 + -
5 .0<+4 , + - .4+ - *60 5 06. 5 28 - * - 0 4020 0 < * . - * 7 " 0. * 0 504. 63
3" +4 090 - 3+. - +6 6 .*3+ "" 6.8 5+2" , . ,1* 6 6+0 06+ 3+. - ,1*:0*6 2+8 ,1*, 1
*+ - .+4 0*4. + - , .+ . * 6 6+6 8 6+ 2. 0/50 0*6 . ,1 - 50 0 6< 0. :0 1 ,1* 6 6+6.
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,1* , 0*6 . + -ˢ" 2, 6.6ˢ.2+*40ˢ5 1"504+ + -ˢ 5 + - ˢ *60 - ˢ3+.*6+ -ˢ.4ˢ 5 18ˢ ",ˢ ˢ
:0" 0.0ˢ<+20 0ˢ+6ˢ" 20 .ˢ ., ˢ5 1+6ˢ04 4 8ˢ*+50 ˢ .4 801*6 *06+ ˢ5+2" ,.ˢ 0" 9 1* 8ˢ ˢ ˢ
+ 20ˢ5 1 0 " 1ˢ,1,0 ".ˢ *60"" 9.6+ ˢ - 141ˢ *ˢ,060 8ˢ 0ˢ 09 8ˢ4 41ˢ.+4 0*60 8ˢ5 .0ˢ
2,.*6ˢ5 .0 0418ˢ0<+8ˢ 0, 5 .*6ˢ01 + -ˢ - 50 8ˢ5. 0.*6ˢ3+14ˢ ˢ*+"".ˢ *60 51 6.ˢ
-1 .ˢ 0,0 *6ˢ4+2 6. 0ˢ *03+.3+. .ˢ 5 18ˢ4020 0ˢ3+ *ˢ5 1ˢ *90* 6.ˢ40 - 0*6 .ˢ 0/ˢ
5 .060 61 + -ˢ:0* . -ˢ 5 8ˢ *4+"90.6ˢ01 3+0ˢ *ˢ9 .6 . -ˢ 0, 5 .6ˢ' *ˢ - *+8ˢ 0ˢ12 0ˢ
3+0*60 8ˢ 5 .02+0 *6ˢ0/6 0 - . -ˢ: -ˢ06ˢ 50 * , 0 - ˢ51 6 0 - 1ˢ 2ˢ., ,0 6+ 18ˢ ˢ*0,ˢ
:0 1ˢ.+/ " 1 + -ˢ.2ˢ *9" 8ˢ 4+4.ˢ06ˢ 1*91 - 0 ˢ.4:0*6+ˢ *ˢ 50 -ˢ ." . -ˢ0 9ˢ40B
20 0ˢˢ* . -ˢ 09ˢ,+ -ˢ 0 0* - .ˢ *9"1 + -ˢ 09 *.156 - 0ˢ,1*:0* 0ˢ'* 7 "3+0ˢ5 . -ˢ
.4+ . - ˢ3+1ˢ 104+8ˢ*+50 ˢ*60 ˢ5 18ˢ 0" 9 1 0ˢ * 6+ -ˢ: 1"." 0ˢ4 4ˢ51 " 6ˢ 2*91ˢ
- 0 + -ˢ* 7 "ˢ ." +4ˢ3+.0 0 0ˢ3+. -ˢ+6ˢ *ˢ21* . -ˢ 09 8ˢ9 .6 . -ˢ 0, 5 .6+ ˢ' 6.3+0ˢ 0ˢ
. -ˢ ,0 6. -ˢ. 3+0ˢ.401ˢ ."".,0 -ˢ0. *ˢ 50 -ˢ0" 0ˢ5 1 *40ˢ - 1* 6ˢ *ˢ60 - 51 0ˢ". ˢ
5 .*6ˢ*0,ˢ *ˢ0/ 6 + -ˢ *0: 6.2 "0ˢ , 5 18ˢ 51*60ˢ.,ˢ *0ˢ*0,0 " 6.60ˢ5 .0, 5 60*6ˢ 4ˢ
,.ˢ +5,"". ˢ *, 04 2 "ˢ - 10 1 0ˢ 0ˢ.*9ˢ 451*40*6ˢ3+14ˢ3+ ,3+ 4ˢ ."+6 8 0/50ˢ
4 0*4.0ˢ *0,0" 6.60ˢ 0,0 *6 ˢ 4ˢ.5+4ˢ 090 .ˢ 50 4+0"" 3* 8ˢ , - *ˢ:066 6+ ˢ * 7 "ˢ
,* -ˢ12 03+ 1ˢ 09ˢ402 61ˢ7.40* 8ˢ.*6 3+ +8ˢ7.2+ 0ˢ'.4ˢ 43+0ˢ5 *35+ - ;ˢ5 1,0ˢ
+ -ˢ3+ˢ, .*40 -ˢ 0, + -ˢ 0" 9 1*0 -ˢ5 1 60*6+ ˢ.63+0ˢ 1" * ˢ 5 +8ˢ *5 - 8ˢ0/0 - ˢ
5"1 71 6.6 2+8ˢ" 60 8ˢ,1* - .618ˢ'06ˢ,+ -ˢ*+*, 8ˢ) 60 8ˢ06ˢ 5"2ˢ5 .0 0*6ˢ50 ,+"1ˢ
,6 . -ˢ.*60ˢ,. + -ˢ$. 0* 0 -ˢ .6 8ˢ.4 - 1*0 0*6+ ˢ+6ˢ 2ˢ,1* "0 0*6ˢ6. - 0*ˢ,+ -ˢ40ˢ
ˢ 0ˢ.4ˢ 1) * + -ˢ0 20 0*6ˢ*1*ˢ 1"+ -ˢ.2ˢ01ˢ,1*6 .ˢ - 1* 618ˢ+6ˢ* "+"ˢ * 6 ˢ + 5 ˢ
,. 0*6+6ˢ "04ˢ06 . -ˢ." 3+.*41ˢ ., 0 5 618ˢ3+14ˢ + 5 , 1 8ˢ71 - * 2+8ˢ3+ˢ5+2" ,.*ˢ
?3+ 060 -ˢ6+ 2.6. -ˢ - .""0*6ˢ* - 8ˢ ., "48ˢ.+ 48ˢ5 .020 0*6ˢ51""ˢ,. + -ˢ.+60 -ˢ$. ˢ
0* 0 -ˢ,+ -ˢ4+2 6.6 1*ˢ. -5" +"8ˢ"1,+8ˢ*1*ˢ4 06ˢ06 ˢ.$1" * 1ˢE. 4.ˢ 1 - 4.2 "ˢ 2ˢ
-+"6 8ˢ71 - * 2+8ˢ71 6,ˢ6. -ˢ: , *1ˢ3+ˢ*+"". -ˢ* 0 6.*4ˢ 0ˢ.2ˢ01ˢ60 - 51 0ˢ1,,. 1ˢ
0 -ˢ5 .060 - 6ˢ516 +8ˢ 2ˢ +6.0ˢ40 0 1* 8ˢ *0,0 6.60 -ˢ - 51 6. -ˢ3+. -ˢ0ˢ
4 .0ˢ5.4 ,.6 1* 8ˢ 50 -ˢ 0" 3+. -ˢ: 40 0*6ˢ6. - 0*ˢ *ˢ 40ˢ - .* "0ˢ06ˢ"60 8ˢ.4ˢ 090 -ˢ
ˢS."ˢA.*ˢ4.6 8ˢ 0ˢ - 50 .6.ˢ. 6+ 18ˢ1 60*4 " 0ˢ - 141ˢ.2ˢ. - 8ˢ4 0040 06+ ˢ06ˢ
$1" * +8ˢ,+ -ˢ,"."%0ˢ3+.ˢ. - 1 + -ˢ - 06+ -ˢ *60*6.2.6ˢ5 1,+"ˢ .,0"%0 0ˢ<+20 06 ˢ'4,ˢ
0,60 1ˢ 2ˢ06ˢ0.*40 -ˢ 0" 9 1 0 - 50ˢ+* :0 -ˢ 09*+ -ˢ5 1 60*6 2+8ˢ 40ˢ,1* , 0*B
6 . + -ˢ" 20 6.60ˢ40ˢ: 6.ˢ 0,+ 6.60ˢ4 9* 6.60ˢ06ˢ 1 6+* 8ˢ 45*00ˢ,.:0 06+ ˢ 04ˢ*03+0ˢL
.2ˢ. - 8ˢ4 ,0"%+ -ˢ+6ˢ 508ˢ . 6.ˢ+0 .6ˢ06ˢ$1" * + -ˢ - .9 8ˢ.,ˢ - .9 8ˢ *ˢ5 18ˢ71 6 " 0ˢ
7,: "0ˢ0 ˢ3+14ˢ:ˢ.50 6.ˢ*03+ 2.6ˢ 4ˢ * 4 8ˢ60*6."%,ˢ*. -ˢ6 0 - 0 8ˢ01ˢ,1*) 1ˢ
62"%.8ˢ 50, 0ˢ01""13+ ˢ+ ˢ+ 2 8ˢ 6+ -ˢ06ˢ.,,0" +8ˢ,1*60 - 5". 0*6+ ˢ3+14ˢ0/ˢ +9) 6 *1ˢ
66 E 09061ˢ<+ 6 * .*1ˢ,.56 8ˢ7. + -ˢ 0 - -ˢ50 6 8ˢ71 - 7 2+8ˢ .6 8ˢ,1* 6 6 6ˢ3+14ˢ.4ˢ
& 90.*+ -ˢ.66 *06ˢ3+14ˢ 2ˢ - ./ - .ˢ,+ -ˢ *: 4 .ˢ12<, .6+ ˢ 4ˢ:0 1ˢ 0ˢ.090 - 0ˢ
6+" 0ˢ+6ˢ,1*6 .ˢ<+8ˢ1 **0ˢ .4+*ˢ' 04ˢ .4ˢ.+41 08ˢ 6.6 -ˢ.4ˢ 090 -ˢ6 .*8 +9 "%0ˢL
3+1 4. -ˢ:061ˢ3+ˢ.5+4ˢ 0ˢ50 - .* 0 *6ˢ ,0"0 .6. -ˢ.+4., . -ˢ, .5 60ˢ"+ "0ˢ+6ˢ01ˢ
*1 - *0ˢ* 7 "ˢ - 0 61ˢ 5 8ˢ - 5 150 . ˢ3+0.6ˢ3+14ˢ 0/ˢ04 41 + -ˢ"0ˢ 40 -ˢ0 :.ˢ
6 + -ˢ51"" ,0.6+7ˢ 7.20 0ˢ 9 .6 .8ˢ06ˢ3+. -ˢ40 - "%0ˢ51" - 6ˢ 5 + -ˢ 29. 0ˢ+6ˢ6. -ˢ
.*4. - ˢ5 . -ˢ06ˢ.03+ 6.6 8ˢ5"0*. -ˢ0 9.ˢ +18ˢ:1"+*6.60 -ˢ50ˢ *4 *+ -ˢ0/ 03+.6+ ˢ<
.,ˢ5060 ,ˢ5.6 + -ˢ 2ˢ.2ˢ01ˢ ,1 ,04 ˢ3+140ˢ0.ˢ,060 .850ˢ+* :0 + -ˢ X . .8ˢ0040ˢ
.8ˢ .,0 0ˢ,0 6 1 08ˢ3+0.*6ˢ< 3+ 2+8ˢ *,1* +"6 8ˢ3+ 43+. -ˢ .,0 0ˢ*0,ˢ<+ 6+ -ˢ" 0,ˢ 2ˢ
,1* +" - -ˢ,/ 6 - 0*6ˢ *60 -ˢ1 .6+ -ˢ6090 -ˢ,+50 0ˢ+6ˢ.2ˢ. - 8ˢ.2 6 *0.6+ ˢ" 20 .ˢ
6+2 3+0 ,) 9 1* 85 1 0 1ˢ .,ˢ5+2" ,0ˢ,1*:0* 0*4ˢ .,+"6.8ˢ406+ ˢ' 2 3+0 0/ ,ˢ
50 +.40.6ˢ* "ˢ* ˢ3+14ˢ.4ˢ 0ˢ9"1 . - 06ˢ5+2" ,. -ˢ6 .*3+ "" 6.60 -ˢ50 6 *0.6ˢ *ˢ
"" 8ˢ,1*:0*6 2668ˢ.9 6. ˢ 6. 1"+6+ -ˢ 0ˢ * 04.ˢ,1""13+ + - ˢ$1 6 4 0 + "+8ˢ0 +56 1*,ˢ
.4.ˢ &ˢ71 . + -ˢ5.6 1ˢ.2ˢ12 0 8ˢ5+9*.6+ - ˢ *ˢ3+.ˢ5. + -ˢ.ˢ50 ,+"1 .*1: +8ˢ.2ˢ
+ 6ˢ : /ˢ.ˢ . .""1ˢ3+ˢ:+"*0 .6+8ˢ56ˢ0/ˢ :+"*0 0ˢ5.+"1ˢ51 6ˢ40,0 " 6ˢ4 0 - *
0 056+8

_'?   A ') E ' %)

'0 056+8' *'01'01* " 6+':+"*0 .6'A1.**08'DE. 4.'& *, +8' +4' ' 0 61*+8'E ""1
8 ' '* +8'A1 057+8 UP 1* ., +8' 1".'($ .94."0*+8' .9* +8 U +/ +8' *4 *1'.' ,+?
2 ,+"1' '(0 "" .,+8' 504 6+-'5 .0 04+8' *60 04 8 +2. +8' 06' .* +8' ,'*. .'
.*0' -+" 0 - -'.".., 6.8'06'.* -'5 .0 0*6.' *' 7 8' 5 10" 8' + 6' 3+.8' : 40 0' 0 .6' 50'
51-10 +-'+ 2 8' 4 ,+ .*60 8' 5 061' -1 6 8' 50 ,+"1' *60'-04.'. *..':0 . '06'
:+"*0 .6 8' .,'".21 0' .4 8' 40 0* 1 2+8' : *+* ',1*4 618' +4+8' 06' 7+<+ -14'4+"'
, . .' +*.-.'4 " 90*6 .'5 15 *. 0' + -'40"09.6'40'&.4.9* '-.*4.6 8' .4'5+2" ,+-'
+ 2 8' ,1*, "+-' 06+" 0*6 .4'3+14.4- 5"0 3+0' 0/'5. 61 2+8' 06' *3+ " * 8 * 6 1'
5"0 3+0' 5".,+0 .6' +6'3+.*41' *+"".' .+6' 0/ 9+.'.+/ " 1 +-' 508' 06' +*. -.' *' + 20'
,1- -0.6+8' .*9+ 6 .' 0 06' 40' 5.,0' - .6+ 0' .90 06+ ' 04' 5. 61 +-' .2' 01' ,1*" " 1'
-./ -0' ." 0*1 +-'.+41 6.8 .5+4' 155 4.*18' *60 ,04 6' .,'50 : , 6' +6' 40" 20 .6 1'
+ 50*40 06+ ' 06' .*60' 1 - * .'4 " 90*6 +8' *'.4:0 . 1 +-' -0*60-' 06' ,1* " .' *6 1'
5 ,0 06+ '.*'* 7 " * 4 . +-'.4- 6+-'7.20 0*6' ' 40 *' * 7 " *,1* +"6 8' 1, 8' *'
,1- -+*' ,.+ .' .90 06+ ' ' 0* -:0 1' 71,' : 40 0*6' -5" ,.*60-' 06' " 2 5+9*.*60-'
09 8' :1"+*6.60-'5 151* '3+' +50"".* 8' " 20 .-' 0" 9 1* 85 1 0 " 1*0-'50 - 66.6'
3+.-'." 8' 04 4 8' +6' 5+2" ,.0' 5.4' ,1*6 . .'6161' 09*1'5 17 20.6'3+.' 0' 3+ 4'." +4'
" 9* ,. '3+.-' 5" +8' ,1* " . 1 +-' ,.-' -0*60-' 0 "0' +6' 50' +,.6.-'5.,0-' .4'
0-56.'$ 160 6.*6 2+8' <+ 6.'. -1 +-'40 0*" 1*0' 0" 9 1* 8' 50 - .0' + +8' 616.'4 6 1*0'
+.'51 6 0-1'0" - *06+ 'N 4'7.0,'A1.**08'E ."4+8' -+"6.'.44 4 6'3+1' +54 .*48'
0/0-5"1' 1, 1 +-' ,1* - .06'3+ .*+-'A1.** 8' *+"".' 0' ,+-' +50"".' * 6.60'
,1-5. .2 "0' .*603+.6+1 .**18' 6. *'9*.: 60 ',1*6 .'; 41 0-'0/0 0 6+-40 0*4 "0*6'
06' 09 08' 20""'50 6.0 18' 6.*40-' 4' .03+.8' 5., 8' ,1*4 6 1*08' .409 0*6' 6+ *'; 6.*4.'
,1""13+ .'-1*06' +6' 3+.0' ,1 +-50*4 8' .+6' ."60-' 0*0 :.*4 8' 12 0 "2 + .'.* - 8'
0 0' * 6 6+6.'5. - -'5 140"%0' 5"0 +6*3+0' -+"6+-'50 ,+"' -51 6. 0' 0/50 0*6 .'
05-50 .6+ ' *'7.*,' 0*60*6 . -' 6+ - ' .,'40, 06+-'+6' 40 *,058' 0 56 8' .90 06+ '
,1""13+ .' . 1' + + 5. 0*6+ '06',+-'40'5.,0' .90 06+ ',+* 4 '3+'0.*40-'6161' 09*1'
0" 9 1*0-'5 1 60*6+ ' *'0.' ,1-5 070*40 0*6+ ? +-' * 7 " 7.40*+8' ,1""13+ 8'
5 1 04+-'0 "06' 6.*40-'5 4'S. ' . 6' -.,7 *.0' .4' -+ +-' :.*94 '5 15+9*.'
,+"1' ,1*6 9++- 06' *'6+ -'51 6.0' +*0.,' -51 6.-'4 9+*6+ < *'3+.40 0* 1 08'
4+1'61 -0*6.',1""1,.:0 . "6< 3+1 +-' ,1*6 *+.'4 5"1 1*0' ,. 6 .' 09 .' *1*' -04 1'
, 60' * 0 .2.*6+ ' $1 6' 4 5"1" 1*0-' + *.'04 6.'3+.-'12 0""',1* 0 61'.9- *,'
.4- 6 8' 10- * 8' +0*608' ., , 8' ".*.'155"06 8' 4 " 90*60' . , 0' .6.902.*6'6+2 ,0*' *'
+ 20-'- 66 6+ '3+'404 6 1*0-'018' ., 0 0' <+206' *' ,. 6 8' 3+ 550' 50 +. 0 .*6' " 2'
4+,08' :0 20 .6 1*0' 60 618' 155 4.*18' 40' 404 6 1*0' ,19 6.6+ 18' ,+' *+""+-'4.6+-'
0 51* +-' ' 6.*6+-' +2' :0 50 .-'0 +56 1' .4.' .' 4+.2+8' + 2 8' 5. 6 2+8' 4+3 2+8 .'
*1: 1'3+' *'03+ 6.6+-' 09 +-' *, 40*8' *6 .'+ 20-',1-5+" +8' 0 6' 06' 2 1 -.*1'
3+ ' 0' 20*0' 90 6.'+*1'6.*6+-'0/' + 8' . * "2' .4' +18' 04 6' *'01',1* " 4+' 'E+ +8' 06'
04+.* +8' .60 '3+ 2+8' 1 8' 6+0*4': .""'01'4 0' 12:0*0 .6' 6 0*+. -'.4-14+-'150'
- -' *.:. +*6' *60 04+8' 0/' 09 8' 1*6 +8' 5 - . .0' (6 1CC ',171 6 8' "09.6+8'
.+, .6+8' -0 ,+8' . 20C0 +8' 70-0 ."4+8' <+* 1 ' ".+4 +8' 0""1: ""0 +8J.*'
* .*' 61*<08' "0* 1* '"09.6+8' . 1"+8' 120 6+8' . , .*+8' 1"0: .0' ,1-08'
+"" 1* '4+, 8' .60 ' . 1"+8' U E .*90+8' 1*6 * +8
' - '3+.*3+.- * 6.*6 2+85. 61 2+8*+50'40, 06+- .4+-0 "06' +6.01""1 '
3+ 8' *'51 60 +-'.2 6 *0 06+ ' 6.-0*' +6' 0.': .' + +8' 60*6. 06+ '50 : , 6' .*1: '
.+41 6.8< ,+<+8.03+0 *' 20""1' 90 0*41' 3+.-4 +'.5+4' +50"". 18' + 6' : 6+8' 06''
*' 5.,0' 5 1,+ .*4.'3+16 08' .* -18' 12 0 "2 +-'.4' 0. *' *," *. 0 516+ 6' 6+4 +-<?

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[illegible]

(% ") ʿ ʿ 6&"

"6 9+0ʿ5. 6ʿ.4 - .2 "0ʿ0/6 6 6ʿ ʿ 6.ʿ+6ʿ*03+0ʿ155 4. 8ʿ + 50 6+8ʿ*03+0ʿ.5+4ʿ 09 28ʿ K ʿ
0 -ʿ.03+.ʿ .6 1*0ʿ.0 6 - .*6 2+8ʿ 05 070* 2 "8ʿ0/ 6 - .6+8ʿ 6ʿ 6.3+0ʿ 12 408ʿ *6 .ʿ 6 8ʿ ʿ
+ 20 -ʿ . , ,056 ʿ(6 1CC +8 # .6 0 " +8ʿ03+08ʿ 0" 60* 8ʿ.** 1*.0ʿ5 .0 04+8ʿ06ʿA1.**08ʿ
2&.""." .*4 0: "" +8ʿ 5 0ʿ ʿ .*1: +8ʿ,+ -ʿ5 .061 0ʿ + 2.*1ʿ I6ʿ 1 *0ʿ.4ʿ *4 ʿ
*+ -ʿ5 1 04+8ʿ0 6ʿ G+ 2 8ʿ,1 - 60 ʿ0/ ,056 8ʿ *4 *+8ʿ 090 -ʿ * 7 "ʿ .4ʿ +50 1 08ʿ.ʿ
4&.4.9* 1ʿ."".6.8ʿ,1*4 6 1*08ʿ.440 0ʿ. 6ʿ 5 18ʿ:0 1ʿ:.*.ʿ.+/ " 1 -ʿ0/ʿ *9" .ʿ 50ʿ
".4. ʿ 43+0ʿ 62ʿ 0/ʿU *9+ "". ʿ" 60 8ʿ*+50 ʿ *60 ,056 8ʿ ,0 61ʿ,1* 6. 0ʿ5 1 *40ʿ
,3 4 6 1*08ʿ 12".6.8ʿ., , 5 .*"ʿ3).8ʿ<. -ʿ 1*6."2.*0* 08ʿ+6ʿ.03+ 6.6 8ʿ5"0*.8ʿ., ,050 ʿ
*6ʿ %+ - .*1: + - f04+0 0 ʿ06ʿ,+ -ʿ 0 ʿ,1""1,+6+8ʿ,+ -ʿ." 8ʿ3+13+0ʿ" *9+" 8ʿ 0 ʿ
- 1*0 -ʿ7.2+ 6ʿ018ʿ - 50*40*6 8ʿ50 ,+"ʿ - 06+ʿ.4ʿ 5.48ʿ .6 - *08ʿ *0+*4.8ʿ 71 6.6+8
0,ʿ *60 - ".ʿ *60 -ʿ 09 1 + -ʿ *,71.6.ʿ:0 20 .6 1ʿ3+.ʿ6+ 8ʿ ʿ +*0.ʿ5.0*0ʿ4 ʿ
+6.ʿ06ʿ 1"+2 *.0ʿ - 51 6.0ʿ - .9*.ʿ0/ʿ5. 60ʿ,1* .4.0ʿ +*6ʿ *40ʿ*.+"6.ʿ *ʿ+ 2,ʿ
.9 6. ʿ,1056.ʿ,+ -ʿ5. 61 08ʿ 7ʿ - 06+0*608ʿ*+""+ -ʿ*1*ʿ".5 40 -ʿ<+1:0 0*6ʿ5+2" ,0ʿ
ʿ,1, 1* 2+8ʿ06ʿ."" 4+ 8ʿ.5+4ʿ *9+"18ʿ5 0* .6 1* 2+(ʿ+6ʿ155 4.*18ʿ 0<04 8ʿ,1*4 ʿ
6 1* 2 8ʿ.4ʿ12" 4 1*0 -ʿ + 6 *0*4. -ʿ,1* - . 0*6ʿ %.*40 -ʿ40, 06+ -ʿ + 6ʿ +6ʿ 0" ʿ
9 1* 8ʿ,.+".ʿ*+"".0ʿ,1*4 6 1*08ʿ.4 - 660 N*6+ ʿ * "0ʿ3+.0ʿ,060 8ʿ 09*ʿ0,,"0 8ʿ3+.8ʿ
:1,.*6ʿ,1 - - +*08ʿ0 0*6ʿ 6.3+0ʿ,+ -ʿ51 60.ʿ.:ʿ 166ʿ . 6ʿ 0506 61ʿ,1""13+ 1ʿ,+ ʿ
5 .060 .*1: + -ʿ06 1 "2*0 -ʿ8 6. - 2 +(ʿ155 4.*1 + -ʿ*1 - *0ʿ *60 + 6ʿ2 .40ʿ
".*+8ʿ *4 *ʿ*1 - *0ʿ155 4.* 8ʿ 9* ,. 06ʿ 090 -ʿ 6.6+ "0ʿ" 20 .0ʿ5 1 0 1* 8ʿ20 ʿ
*0 , + -ʿ 1"ʿ + 2ʿ *ʿ5 .0 0*6 . + -ʿ - 50 6 ʿ 04ʿ0 40 -ʿ9 .6 . -ʿ51 60.ʿ,060 8ʿ
0<+ 40 -ʿ,1* 0 1* 8ʿ 1, 8ʿ *9 "".6 -ʿ,1 - - +* , .6+ + -ʿ* 7 "ʿ .9ʿ516+ 6 0 - 3+0ʿ
.ʿ,1*, " 1ʿ.4ʿ515+"+ -ʿ 0 0 ʿ5".,+ 6ʿ +6ʿ3+.*41ʿ<+ 6+ -ʿ20""+ -ʿ5.4ʿ * 3+.0ʿ06ʿ 7 ʿ
"4 . + -ʿ5"0*.0ʿ5 .0 0 0*4 -ʿ0 06ʿ.4ʿ0/6 0 - .ʿ3+.03+0ʿ50 0 0*4.ʿ0ʿ,1 - 5. . 0*6ʿ<
.*1: 1ʿ *60 -ʿ3+ʿ"1*90ʿ4 :0 .8ʿ50 1*.8ʿ06ʿ 1 6 " -ʿ5 15+9*.61 8ʿ06ʿ.03+ ʿ
-ʿ5., ,.61 8 *0+6 ʿ5 1560 0.ʿ5. 6ʿ + 504+8ʿ + 6 *02.6ʿ 2ʿ - * - 0ʿ .6 8 . ʿ
40*60ʿ< 12ʿ 43+0ʿ<+ 6.8ʿ3+16 4 0ʿ4 , - *+ -ʿ1,,." 1*08ʿ50 ʿ, 02 .8ʿ0 +56 1*08ʿ,.5 ʿ
6.*60ʿ3+1ʿ 0ʿ - 5" , .61ʿ06ʿ+6 *3+0ʿ,."+ - * 8ʿ12*1/ 1ʿ*0916 1ʿ: ʿ **1,0*8 71*0 6.ʿ
- 1 60ʿ0/504 06 ʿ $ 4 0ʿ,1""13+ ʿ0 +56 1*0ʿ .4.ʿ51""ʿ"1*9+ -ʿ,0 6. - 0*ʿ +2ʿ:0 50 ʿ
.-ʿ4 5"1 1ʿ,1"+2 *.0ʿ 4+ʿ ".+4 +8ʿ 16. *9+8ʿ + - ." .0ʿ4+/ʿ3+ʿ51""ʿ5"+60+ -ʿ
".602.6ʿ5"+601ʿ50 1 .61ʿ *60 04+8ʿ0 6< - .9*1ʿ +ʿ.<5+4ʿ 09 18ʿ40 40 1ʿ 9" 41ʿ*0,ʿ
- *5 0ʿ12 0 "2 + - ʿ+2ʿ 0 - ʿ 0 , :0 +*6ʿ".06 6 . ʿ5. 61 2+8ʿ<. -ʿ3<6 5* 8ʿ4 : *9ʿ * ʿ
6 + -ʿ7 *,ʿ .4+ -ʿ40ʿ ,0"0 .6 8ʿ 1" * ʿ.,ʿ 2, $ + -ʿ0.04 2+8ʿ3+. + - ʿ + - ." +8ʿ5 .0 ʿ
, 5++8ʿ *,0*61 ʿ + "06ʿ0/ʿ. - 21*0ʿ4061*.*6 2+8

&ʿ ʿ+ʿ ʿ:0 1ʿ<. -ʿ*+"". ʿ 08ʿ.4ʿ,1*,1 4 . *ʿ.44+,0*4 ʿ 50(ʿ0 06ʿ .*1: +8ʿ , ʿ
51 ,0*60ʿ0<+8ʿ 40 - ʿ .44 .*2ʿ3+ʿ6.*6+ -ʿ4+,0 -ʿ3+.*6) - : 8ʿ5., 8ʿ6+4 1 + -ʿ15B
5 4.* 8ʿ.4ʿ + 6 *0*4. -ʿ12 4 1*0 -ʿ12 6 *.6 8ʿ.* * 18ʿ .,0 0ʿ: 40 06 ʿ,+ -ʿIʿ +50*. ʿ
4 1ʿ . - 5.* 1ʿ06ʿ(."".ʿ - 1 2. -ʿ,.+ .*60ʿ.4ʿ *4 *+ -ʿ6 .* 6ʿ3+14ʿ.ʿ21* 8ʿ06ʿ
56+40*6 2+8ʿ 40 -ʿ06ʿ: 6+60 -ʿ: ʿ 05+6.*6 2+8ʿ*1*ʿ 1"+ -ʿ0/ + .6+ - ʿ04ʿ06 . -ʿ". + ʿ
4.6+ -ʿ .ʿ5. 61 2+8ʿ 128ʿ3+ʿ* - + -ʿ3+. -ʿ - +"6ʿ *ʿ6+20ʿ0 .*6ʿ06ʿ40ʿ5 :.60ʿ50 ʿ
,+61ʿ3+. -ʿ40ʿ5+2" ,.ʿ 40ʿ - .9 8ʿ 1" 46ʿ *ʿ5., 8ʿ +. 1 08ʿ."" 4+ 8ʿ,1*, 1* 2+8ʿ40 ʿ
2.,,7.2.*6+ ʿ 05 070* + - ʿ3+ʿ01ʿ+ 3+0ʿ. - 0*6 .0ʿ5 1:04ʿ +*6ʿ+6ʿ,+ -ʿ *60 ʿ,1* ʿ
, 5*.*4+ -ʿ018ʿ3+ 71 60 8ʿ 50 5 06 ʿ: :18ʿ,05 0*6 ʿ,."2 0ʿ4 ,0*4ʿ60 - 0 0ʿ3+. "ʿ
.:. 18ʿ06ʿ *ʿ 0ʿ,.+ .ʿ5 .0:.6 ,.*60 8ʿ *, 05+ 0*6ʿ5+2" ,.ʿ4 5+6.6 1*0ʿ * 6 6+6.ʿ
71"" 2+8ʿ5. ,ʿ *ʿ71,ʿ20""1ʿ - 5 + -ʿ0 0ʿ. 0 +0ʿ+*6ʿ 43+0ʿ 0 56+ .0ʿ60 6 - 1* 8ʿ.4ʿ" ʿL
2 4 *0 .ʿ: 1"0*6.ʿ *60 5 06.6 1*0ʿ4061 6 8ʿ06ʿ04 61ʿ 0 561ʿ,1* - . 0ʿ.+ ʿ +*6ʿ,+ ʿ
- "0 -ʿ15 * 1*0 -ʿ.ʿ,1 - - +* 7+ - .* 6.6 8ʿ0 +ʿ.271 0*60 -ʿ,1*6 .ʿ20""ʿ<+ .ʿ06

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'5+2" , . - ' 40 - ' , .' .4 1* 2+8' E ."" . ' 06 . - ' *1 6 ' 6701"19 ' +6 ,6 .0' 06' *' 5 . '
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6 - 8' 60 - 51 2+8' 40 0*40 +*6' $ .060 ' 0.8' , .+ .8' 06' 5 : .6.' *<+ .' .71 + - ' +6'
.2 <,+ .' - .6+ . 06' *, 6.6+ - ' 0 +*6' 40' 3+.' - *+8' 4 9*0' 0 ' .2' 155 4.* 8' 6+ 2.6.' + 20'
.6 8 .4+ - ' +0 .6' .* @' ,+ - ' *' + 2 8' ,1*, " 1' - +"6 8' :0 2 8' 09 06' +6' 018' .4' 5., 8'
,1*4 6 1*08' ., , 5 0*4.8' * "040 06' 41 - + - ' 0:0 + - ' ?' $"., +8' 3+ 4. - ' 0/' * - - 0 .'
5. 61 + - ' ""1 + - ' 6+ 2.' 5 1 0,+6+8' 51 63+. - ' 50 4+ - ' 5 14 61 0 - ' 06' 6 .*8 +9.*'
:/ - - .' 506+". *6 .' .05 +8' *1 - * . : 6' .4' *<+ .0' 6.*6.0' ,+ 5+"+ - ' 06 . - ' 18' - 5 .'
- .*+' ,1*6+ - 0" 1 0' 5+" . : 6' G+.' 0' : ' - .9*' .* - ' 06' +5 .' 1 - *0 - ' *<+ . - ' 51 '
" 6+8' - * - 0' +6' 5. ' + 6' 01 - - 16+8' 0 6' 04' 6 - - .' - 140 .6 1*0' 71* * 8' 40* ,* '
6 . - ' - 0 .6+8' 516 +8' 3+. - ' *,+ .*8' ,+ - ' *12 R8' 3+ ' , , .' 0+ - ' 0 .*6' .4' *<+ .* '
6 *6. ' : *4 , .*4. - ' . , ,+ 0 0*6' 018 *7 2+ 6<' 06' ,1 - 5 070* + - ' $". , + - ' .4' +/1 ' '
0 *' 0 - " 6' +2 *40' .4 - 1*0*8' 0. *' +6: .4' + 1 0 - ' 5 1".20*6 8' : ."06+4 *0 - '
,1 - - 0*4.6. - ' 7.20 06' *03+0' 0+ - ' : .9. ' 70 06' 6' 0' :0 .' + 1 8' 71,' ,6' 40 - 0* '
6 .0' *' 01' .41"0 ,0*6 8' 5 *45 + - ' + 6' 0/' 3+.51 60. 4 +' ".21 . : 6' 06' 12' 3+. - ' 5. 61 '
." ' - +*0 0' 6.*40 - ' 4051 6+8' 0 6' ,0 "+ - ' .*1: ' +6' 06' ." 1 + - ' 3+ ' 0<+8' 0/0 - '
5"+ - ' 0,+6' +*6' 06 ' .090 - 0' 6+"0 0' 52 0 6 ' 6. - 0*' - * - ' 5 1560 0.' .* - + - '
40 51*40 +*6' 04' + - ' 0' .4' + 6 *0*4. - ' : - ' 12 - . "0*6' +6' 06 . - ' *1:1' . , *1 ,'
1 - * + - ' .* - 18' - .9 8' 12" 9. 0*6' ." 3+16' 12' ,1*<+ .6 1*0 - ' : *418' 5 14+,+*6' ,6'
5+2" ,1' +55" , 1' . 4+*6' %+*.' 40"04 ' *60 ' +50"". *18' # 0: ' 50*08' 3+18' 0B
+ - ' + - - .' 0 "06' < 3+ ' 6. - 0*' * 7 " *,1* 6 "61' .<1 0' 06' ,1*, " 1' .90 0*6' ' +0 ,'
M' 7.""1: +8' ". 6 +8' 1 - .*+8' :0 +8' E. 9+""0+8' *40' 50 ' 3+.6 4++ - ' 04 * '
609 .6.' .' 09 8' ;0 20 .6 1' $ 4 0' 4' . 6' ."".6.0' 1*91 - 0 ' "60 .0' 2 60' - 0* 0 - '
4.6.0' 06' *' ,1*, " 1' 0, 6.6.0' +*6' 3+ 2+8' - 1 . - ' 5 .060 4' 60 - 51 8' 0/,+ .2.6' 06'
50 - ' 40' .4:0*6+' +1' *66.' - 0* 0 - ' . , 02.6' ,+ - ' ' .6 - .6. + - ' 06' / / :' 1*0 . . '
+ - ' ,1 - - 0.6+' 5"0*. +* *. : + - ' ,". "0' $1 6 4 0' 06' *+*, +8' .' (.*,0 .* 8' :0* '
5 1 50 .' 1 - * .' 40' 12 0 "2 + - ' "+, ,0 " 2+8' . 0 0*8' +6' 3+ ' <. - ' 6 0 8' 155+9* .6 1*08'
6 - * .' : 6+60' 05+" "0*6' 140' * 03+0*6' 0 +56 1*0' .4 .' ., 60' +6 *3+0' 5+9*. '
6 - ' 0 6' ' * . - ' 12 0 " ' .4' : .""+ - ' + 3+0' 5 19 0""< - .9*+ - ' 6+ - +"6+ - ' *' , . 6 8' 0/, 6. '
+*6' ' *60 3+0' ,0 6.*4+ - ' ' (0 "" . ,+8' 3+0 *' .+, + - ' / ' S." ' . 6' 0' 5+9*.' 0/ '
,0 0' +5 .' 4 / - +8' *60 , 6+ ' : /3+0' ' 1 "0* ' +50 :0*6+' 12 0 1 + - ' ,1* .6+8'
05 0"" ' +*6' 3+ ' 6.*40 - ' 7. 6.61 + - ' 06' "1 , .61 + - ' - .*+' 0' 155130*60' 0' : .""1' *'
1 ". - ' 5 .0, 5 6.*6+ ' . - " 8' , 460 ' / * ' 0/' + 8' 0,' ,0 .2.*6' 5. 61 08' *1*' 1"+ - '
." 4+ 8' .471 6.6 1* 2+2' 04' 71 - *08' .4' ., *+8' 5.6 .*4+ - ' 5 1 75618' * ". - - .*41 '
.63+0' 0/' 8' 3+ 4. - ' *' , . 6 .' 09 .' 6 .*8 +90 6 - 6' 3+ ' :0' 510<* 60*6 .' 4+4 ' :0' ,1 - '
- 0*61' 71,' 9 .6 . - ' .5+4' 09 18' , .56.*608' 0' .' - * 6 8' +21 *.618' +"6 1' ,1* 0 6'
+*6' 3+. ' 40' 60' E+ 1' 06' E1*C.9.' *60 , 0*4 8' 4.6.' 4+1' 51 6' 6 .*"".6.0' .'
U 1 0"" 1' - +* - 0*61' - . ,7 *.0' 06' <+ /6.' ' .*4.0' - 1".6 * . - ' ,3) 1, .6.0' 06' 4 04 .'
.4' n +*0. - ' 51 6. - ' 06' ,1*6 .' : .*90" ' 5 15+9*. ,+"+ - ' :0 20 .6 1' ,13+1 - .<1 ' 4 '
" 9076 .' .2' 12 0 " 8' 51 6. ' +6' 51 - 10 + - ' 0.' 5. 60' *60 ' 5 15+9*. ,+"+ - ' ""+4' 06' 0*" '
2."4. - ' 51 6. - ' 7+ 6 1' ,1 - 51 6.6.' - .9 8' - . 06+ ' & .""1' *60 - ' .' *1 6 8' .4' ' $. U
"0 .*+ - ' *,71.65' .4' ".2 + - ' + 3+0' 1 6.0' 5 54+41' 06' , .6 2+8' 4 51 6 8' 12 0 " '
*14+' 0 + 550*608' 06' : .""1' +50 .61' 5 .60 8' 40< 4+*6' 6.6 1*. 18' , .04+*6' 06' ,+ - '
4 . - *1' 09 18' 50""+*6 ' 1, , 8' 0/' 8' . - 5" +8' *' G+1' 60 - 51 0' .40 .*+8' ,+ - ' 0' : .""3'
40 ,0*40 06' 01' 5 1' "1,1 ' 3+1? ' 7. : 9* + - ' :+"*0 .6+ - ' +5 .' 4 / - +8' 4+ - ' 415 '
506' .4' "0' * 6 + .' . , , 5 6' %. - ' : , *1' 20""1' ,+ - ' . , "0' 6.6 1*. ' *60 ' 0' ,1A"G '
6<+0 0*6+ ' 7.""1: +8' .' .<1 0' *4 9*0' 7.2 6+8' 06' <. - ' 12' 4' 5"02 ' + 504+8' AE1. -
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& ' E % ' V' 3 ")2 =@' ' 1 ' 4' m
D ' 2 ' ; $ ' 3)' # !)' /! ' = ' #)' % " ! ' 0 , ' ' S' 9 $
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"09 1* 8ˢ6 2+*+ -ˢ06ˢ. - 46 .ˢ :060 0ˢ 2ˢ,1*<6 - 4 + - ˢ3+ˢ6+*,ˢ0/,+2 .8ˢ.902.6ˢ:4 ˢ A
,. ˢ,+ .6ˢ< ,+ - ˢ3+1ˢ . - " . - 0ˢ01* 0 61ˢ 0 - 1*0ˢ09 6ˢ+6ˢ.2ˢ - 50 .61 0ˢ 2ˢ,1ˢ ˢ
5 . -ˢ, /0+*4 ˢ - 5,6 . 0+ˢ 3+.ˢE1*C.9.0ˢ :0 * ˢ *60 :0*6+ˢ - 506 .6.ˢ0 +56 1* 8
0, 0ˢ09 0 +8ˢ.4ˢ*18ˢ6 .*8 +9 6ˢ: ˢS."ˢ 5 " 8 ˢ ,+ -ˢ.4ˢ7.*9ˢ4 0 -ˢ6161ˢ01ˢ - 0* 0
/ , 1 , , , /,ˢ* ., 7 *. + -ˢ 46+8ˢ4 5"1 ˢ. 09 8*+ - 0 .6ˢ0 "0*6ˢ *40ˢ.4ˢ .".
20, .*. -ˢ51 6. -ˢ 09 ˢ5 19 0""ˢ*+ - 0 1ˢ ˢ+6ˢ".2 1ˢ 1"%.0ˢ, .561ˢ.63+0ˢ0/ ,0*
1*0ˢ *ˢ 1 . -ˢ .4.ˢ7+ - " .ˢ5 15+9*., +".ˢ1, ,+5. 0*6ˢ 04ˢ.2ˢ12 0 8ˢ - .9*.ˢ: ˢ 0
5+"" ˢ06 : 0*61ˢ :070 - 0*6ˢ,11 61ˢ * 0 6.6 ˢ 0ˢ * 04 .ˢ.2 0 +**ˢ $1 6 0 - 1ˢ .4 %.41
0 -ˢ5+9.6 - <ˢ03+0 "/ˢ,0 6. - *0ˢ'06ˢ ˢ + +(ˢ0/ˢ12 0"" 8ˢ *ˢ01ˢ1, , +8ˢ.,ˢ E+ - 0
*0 +8ˢ + ˢ .60ˢ, .56+8ˢ4 5"1 8ˢ *ˢ01ˢ.ˢ 09 8ˢ, ,61 - 0*61 + -ˢ 4 2+8ˢ06ˢ,+ -ˢ.4
, 1"+ - 2. . -ˢ09 08ˢ; -ˢ .4 . 18ˢ.55. 0 06ˢ.4ˢ0. *ˢ5. 60 -ˢ 0 6 *.6 8ˢ150 2+8ˢ - +
* 6 1*08ˢ*1: .0ˢ0/ 6 +4.0ˢ .,ˢ:ˢS."ˢ 5 ˢ06ˢ4 0ˢ03+0*6ˢ,+ -ˢ + 6 .ˢ0ˢ*1 6 ˢ4 +ˢ *
. - 8ˢ1 60*6. "0*6ˢ.4ˢ +*0. -ˢ06ˢ(.** ,1"0. -ˢ51 6. -ˢ 60 -ˢ +/6.ˢ 1"+ - 2. . -ˢ06
0 - 2."4. -ˢ51 6. -ˢ +2ˢ:0 50 . -ˢ + +8ˢ0/ 00* 1*0ˢ .4.ˢ- +* - 0*6.ˢ7+ - " .ˢ5 1
5+9*., +"1ˢ : .*90"ˢ, ,+ - 51 6.ˢ*: .40 0ˢ60*6. +*6ˢ 04ˢ 61ˢ +, ,0" +ˢ.ˢ5 .0 4 .
8ˢ05+""6ˢ4 5"1" 8ˢ *60 -ˢ. - 5" +8ˢ, , , ,ˢ61 - 0*61 - -ˢ4 2+8ˢ 4+1ˢ51 6ˢ.4ˢ%.
41*0 -ˢ5+9*.6+ -ˢ06ˢ4 5"1 1*0ˢ61 - 0*61 - -ˢ+6 *3+0ˢ .4.ˢ50ˢ4+. + -ˢ71 . +*6
5.6 + -ˢ - +"6ˢ3+13+, .2ˢ+6 .3+0ˢ5. 60ˢ1, , .,ˢ4 00 56ˢ.63+0ˢ *ˢ 8 1 +8ˢ - *1
A1.** 8ˢ 1"% ˢ 6 5.61 + -ˢ 09 1 + -ˢ5 .0 04ˢ "+8ˢ A. - 3+0ˢ5 1,040*60ˢ60 - 51 0ˢ
- .9* 8ˢ4 ,+"6.6 2+8ˢ - "08ˢ *ˢ 09 8ˢ,. 6 8ˢ,1* " 4.2.6+ ˢ40 , 0*60ˢ5 40 -ˢ 6 50*ˢ
4 0ˢ. 4.ˢ.**1*. ˢ06ˢ - 1 2 8ˢ50ˢ0/0 , 6+ -ˢ9 . .*6 2+8ˢ 6.3+0ˢ504 608ˢ 0* -ˢ4 ".2 f
12 "6.8ˢ 0 - 0 0ˢ3+14ˢ6. - 4 +ˢ *4+ -ˢ+""1ˢ5 06 1ˢ .41ˢ.4ˢ12 4 1*0 -ˢ7.0 0 06ˢ06ˢ
- + - + .ˢ5. " -ˢ1 - * + -ˢ3+. "ˢ*<+ +ˢ - 50 .61 8ˢ4 ,0"%+ 1 + -ˢ.+4 ˢ + ˢ - ."1\ˢ
+""+ -ˢ.56 +8ˢ 0 - 04 + -ˢ,1, " 17.2 61ˢ: + -ˢ0 6 3+. -ˢ"ˢ3+. - 5 - + -ˢ155+9*.6 1ˢ
60*6. 06+ ˢ 4ˢ0. *ˢ 0 -ˢ,1 - 5. .6.ˢ1 - * .ˢE1*C.9.0ˢ +4 1ˢ3+ˢ51 6ˢń + - ." ˢ - 1 B
60 -ˢ7+ ,ˢ*0916 1ˢ5 .051 6+8ˢ 0 .6ˢ 8ˢ/ / /ˢ,1 20 8ˢ,0 5 6 2+8ˢ 0 0 618ˢ.4ˢ".2 + ˢ
1 ".0ˢ* 1 4 +ˢ0 9 6ˢ06 , , , ,ˢ40"0418ˢ,+ 614 .0ˢ40" 6 *.6ˢ 6.ˢ+6ˢ0/ˢ: ."%1ˢ<. -ˢ.eˢ 1 ". -ˢ
6+61ˢ 06+ ˢ + - 3+0ˢ : .*90" ˢ5 15+9*., +"1ˢ - + +8ˢ0/ˢ".5 40ˢ3+.4 .61ˢ5 .060* +8ˢ
,1*6 *+.6.ˢ*1408ˢ4 0 3+0ˢ:0 20 .6 1*0ˢ6.*40 -ˢ,1 + 06ˢ7+ - " .ˢ5 15+9*., +". ˢ, . ˢ
ˢ . - .6.8ˢ: +"91ˢ:1, .*6ˢ3+. "ˢ".60*60 8ˢ4 - +*, +".(ˢ4 /0 8ˢ.55. 0 0ˢ ,1050 +*6ˢ'3+.8ˢ
1, ,+5. ˢ*0, 0 "0ˢ0 .6ˢ,+ *ˢ.990 ˢ50 1 . ˢ.+6ˢ,+* ,+"ˢ.9ˢ06ˢ,1 - *+8ˢ 08ˢ90 ˢ." 60 ˢ
*1*51 "06ˢ .0ˢ: ˢ*+ - 0 10 .*6ˢ3+. + -ˢ *1**+"".0ˢ: ˢ504+ -ˢ ."6 6+4 *0ˢ 1"1ˢ
0/6.*608ˢ.,ˢ 0*0 6 .6.0ˢ*0 - *0 -ˢ *ˢ 1"%. -ˢ40 00*40 0ˢ.+6ˢ0/ˢ".2 1ˢ *ˢ0. *ˢ40 5 ,0 ,ˢ
6*5+*0ˢ5.6 02.*6+ ˢ." .0 : /ˢ*1 6 8ˢ,1* 5 ,+ .0ˢ0/ 9+1ˢ.ˢ 0ˢ *: ,0 -ˢ 5.6 1ˢ4 6.*608ˢ
0 .*6ˢ.4ˢ3+.8ˢ0ˢ +*0.ˢ51 6.ˢ +260 .*0 8ˢ - 0.6 2+8ˢ40ˢ - + 1ˢ 2.6+ ˢ*0,ˢ5. + -ˢ4 ˢ
+"6.6 8ˢ +50 .2.6ˢ *ˢ 8ˢ, .5 0*4 8ˢ.3+.ˢ *ˢ 1 ".ˢ.4ˢ+"*.0ˢ."6 6+4 *0 -ˢ 09+ 9 6.*60ˢ06ˢ
5 *9+ˢ 1"1ˢ - + ,"2+8ˢ.,ˢ,".: 8ˢ0 0 8ˢ,1* 6 .61ˢ* 60*60 8ˢ 0 - 1 .*6 2+8ˢ +"".ˢ:061ˢ
4 08ˢ.2 2.6ˢ3+ *ˢ""9* 0ˢ." 3+ 8ˢ5 .0 04+8ˢ .+6ˢ5 - 1 . -ˢ1 4 *+ -ˢ4+41 ˢ *ˢ 1 ".0ˢ
- . 9 *0ˢ, .40 06ˢ 6.3+0ˢ".2 + -ˢ5"+ 2+8ˢ"1, 8ˢ50 1 . ˢ40ˢ5 1,0 + -ˢ.,ˢ4+, + -ˢ,1* ˢ
"" 1ˢ *4 *+8ˢ<+206ˢ (04ˢ + +8ˢ *ˢ - 0.6 2+8ˢ0/, .: .*4 8ˢ*1: .ˢ4 ,+"6.8ˢ0/1 6.ˢ06ˢ
3+14ˢ- . 91ˢ*.6+ . -ˢ +5 8ˢ 0 0 0*8ˢ.09 0ˢ ,."50"" 8ˢ 6.*90 06+ ˢ 6.3+0ˢ - 0.6+8ˢ: /ˢ
&ˢ504+ -ˢ *".6 6+4 *0 -ˢ5.602.*6ˢ50ˢ3+18ˢ40 - "+8ˢ - "08ˢ ., , 8ˢ".*.0ˢ5"0* 8ˢ 61 ˢ
0 8ˢ." 0 2+8ˢ504."0ˢ, ." 6+4 *0ˢ06ˢ:ˢ504+ -ˢ."6 6+4 *0ˢ.63+0ˢ7+<+ *14ˢ - .60 .ˢ5 ˢ L
- + -ˢ,1 - 51 6. ˢ<+ ". ˢ 8ˢ 02+8ˢ51 6.6 "8ˢ: .""ˢ: ,0ˢ - "608ˢ*0ˢ *ˢ".6+8ˢ.+6ˢ.ˢ 1*68ˢ
506ˢ51 "0*6ˢ40 0*402.*6+ ˢ06ˢ.4ˢ41 - +*, +". + -ˢ + 3660ˢ 0*0 6 .8ˢ.,ˢ - + ˢ .4 ,0 .ˢ
<. -ˢ6+6 +8ˢ., ,040 0ˢ5160 .*6ˢ% .ˢ60 -ˢ4 51""6.ˢ61 - 0*6.ˢ3+ 2+8ˢ40 0* 1 08ˢ.ˢ - 10ˢ
* + *ˢ ,1 1*.ˢ + - - 1:02.*6+ ˢ: . .ˢ3+13+0ˢ: *. .ˢ, ,ˢ, , 6, ˢ.4ˢ: .""+ -ˢ,1 - 51 ˢ
6.6. ˢ3+ .0ˢ".5 4 2+8ˢ06ˢ. 0*.ˢ5"0*.ˢ50ˢ 1 . - *.ˢ *ˢ 1"%. -ˢ5 16 +40 0*6+ ˢ ˢ 1 "0* 1
?ˢ ˢ f ? 06
O)kZ cˢ ,ˢ ˢ ˢ ˢ$ # %ˢ ˢ

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'06' 'E1.0',. 6 1 . -' - .9 6 8'"1, '0/5"1 .*4' ,+ .' 4.6.' +0 .6' 40"042 +6*' - " 6 *
' " *9+" 8',0*6+ .'.66 2+6. 3+18'(6 1CC +8' +2 03+'<+ "+8' 08'.4': ' 4' 5 '4 4.<
06'+6' 08', 6 .'6+ - +"6+ -'06 1 4 *0' 5, .9 51 "0*6'609'0. *'5".,+ 6' (04' 0' 0: +"9.6.'
2'E+ :+8' 04+.* +8'06' *91" -0* 8 *167+8'.4' 1 . - 0*'.,E+ +*6'06',+ - 85"0'
.3+0'*12 "6.8'< 3+18' E1*C.9.'3+' *' - .*4.6 8'7.202.6' *0'3+0*3+. - '5 .060'150 '
40 6 *.618'06'3+' 6.6 5*0 -' 7.20 0*6' 01' .,,040 0' 5.60 06+ ' + 6 .' +6' 4 ,040 0*6'
19.6'< 3+ 550'3+ '5 1: 40 06'<+:0*08' 5+9*.0'06'40,1 R'.4':.* 6.60 -',+5 418' *: - 1'
0 6 *.*4'. 41 0' U' 0 04"+ 18' +6' 1 - * .'6+ - + 6+. 0' 06' 50 50 . -'6+ 2.6 8' 1 4 * 2+8'
50 .90 0* - ' + - '4 ,040 0' 0,+ . 0*6' "0' - 50 .61 0 -'.4 6'06'* '*12 "6.8' 0'
:1,06+ '7+*,'4 0 -' ""'0/ 6 ."0*' +6+ + -'5 .04 , 6' 9 6+ ' 4 *+8' 5 0, 2+8' ,+ - '
"" 8' .9 6' - * 8' 51 60.'.44 6 8' 6+ *'50 '8 1*91: "".*+ -'.,' +"" 1* + -'4+,08' 40 *'
50 ' 190 + -' 0""19. 4 + -'06' * 6 U "09 + -' " ."4+ -'.5+4'018' <6. '+6' 0' 0'
, 50 0*6' + -'.2 6+ -'5 - 1' - +". 0*6' - 1/'.4'"1,+ -' 040+*6k .'3+1' 51 6 - 141'
*+"".' .6 1*0' 0:1,. '516+0 3*6' A. - 3+0' - 0 4 08' * 6.2.6',+ -' - /6.' - "6'*12 B
"6.8',1* + 1' 1 4 *0' 50 ' 1 . - *.' 1"%. -' *9 04 6+ ' - 504 - 0*61' 516 +8' 3+. -'.4'
<+ - 0*61' +6+ . '06' * .9* 8' 3+ 40 -' * 6 1' .* - 8' 5 15+9*.,+".'7 - "6' *:.4+*6<
3+1 + -' ."60 1' 405+" 8' 40 0* 1 2+8' 546 6' +*6' ."60 + -' 40 0 0*6 2+8' 5 .0 4 . 8'
1,,+5. +*6' *6' ' ". 1 - 1*6 +8'%.". +8' *1*' - *+8': 6+60'3+. -'90*60' *')' "'
"12 19 2+8' 50 ""+ 6 ',". +8' - ./ - + -' - +* - 0*6+ *' 155+9*.6' ' 3+14': '6.*40 -'
,05 6'< *'013+0' 6. - 4 +' ,1* 6 6 6' 41*00' 0/'".60*6 8' 6+ ,+".0' 0*0 60"".',1"+2 *.0'
." 3+16' 4 2+8' 4 5"1 8'4059""0 0 + '9 .: 60 ' * 2' .+, .6+8'< 4 +8 0/' :+"*0 2+8'
51 60.'40,0 "6' 0" 461' *90*6' +'40 640 1'3+14' 01' 4 0' *60 '1 - *0 8' + - - + -': '
6+6 8' +.0' 50, - 0*' 404 "06' E+ +8' 3+13+0'1,,+5.61'."60 1' 5 15+9*.,+"1'4 +' *60 '
./. ' 9*0 8' 5 ,0' 0 :0*6'06' 1"01'. 40*60 8'.,',+5.8' :0 .6+8' 51 6 0 - 1' 150 -' .' E1*B
C.9.' *'0/6 0 - 0' 4 0 - *0' 506 6' 3+ ' 1 1 1'".21 .*6' .+/ "+ -'".6+ +8' *'""* 6 1'
2 .,7 1' 6+8' 0 6' 04+.* +8' 40* 330'.4:0 5', + 0'4+ -' 0' .4' +18' 0, 5 6' :+"*0 '
.6+ ' + -'.4' - +* - 0*6.'7+ - ".' * .' 1" . -'5+9*.6+ '"09 1*. '." 3+16' *' + - B
- + -' :.*90" '5 15+9*.,+"+ .'0:. 0 +*6'.,'616 40 -'*12 "08' '3+'6.6 - ',+ -',1* '
+ 0' 1 - * .'.4 - * 6 . 0*6+ '5 .0, 5 608' *40' 406+ 2.6' +*6' *'7 8' +0 0' ' 1*6.'
9+406+8' 06' &."" +8' 3+ 6.*' ,0*6+ 1*08' 41; ,+8' I' 0 0*9. +8' E. 6 +8' "09 1* 8'
6 2+*+8' 20 . 4+8' (.* +"5 , +8' *.6+' - * - +8' "0*31* 1' 9 .6" - +8' 40 - 3+,'
(6 1CC '"9* 0 '06' ' . 6 1:06+8'3+. -',1 51 8' 1 - .'6. *': 6+60'06'90*0 0' *12 "8'
* 6 1',+ -' . 6 9 + -'5 0* . 0*6' *15 *.61',1"".5 .' - + '5. 60' .4' 0 + - 50*4+ -': .'
5.60 .4.' - 50 .61 0' .,,". - .*60' ." 3+16' - .* 5+"'5 1,0 0 +*6' 04'<. -'6+ 2.6 8'
1 4 * 2+8' *0,'4 41'.+4 0*6 2+8' +*+8' 6.*6+ -' - "08' *' + *. -'. 00*4 6'< +2'5.+"+ -'
,1 - - 1 .6+8' *0 - *0 - '5 .060 ' 10 - *.8' 0 60*60 8' 06' ./.'06' 9*0 8'. 6 , 1 18': '
2 .*60 8'1 0*4 6'+6 '." '0+ -' 0,+6'0 "0*6'0.'5. 60' 0 -' 0" , 60',0" + . -', 04 6+*'
" 6' 04' 71 60' ,1* 0 6 -' .4:0*6.*60' 06' . "" 8' 06' 7. 6 8' *1 6 18' 5 16+ 2.*60' ,1*.6+8'
+ 6 .' + 6') 6 12 3+0' 4+. + -'71 . + -' 5.6 5'., 60',0 6.6+ -'0 6 4 5"1" 8'.'*1 6 8'
2 8' - ""0' 3+ *90*6 8' 61 - 0*61 + -' 4 2+8' E .: 60':+"*0 .6'(6 1CC +8'E. 6 +8'3+'
5 15+9*.,+"+ -'2 8'. 00*4 6' 0""19. 4 +8' . 1:06+8'(.* +"5 6 +8'3+'51 6 0 - +8'
0/':+"*0 0'12 6'%.*40 -',+ -'* 7 "5 1 ,0 06+ 4 0'<. -' *," *.6.' *4 *+8' 0,056+'
',.*'<+206' 0" 40 .6'0/'12 0 " 8'. - 5" +8' '9 06' *'7 8'UJ 1* .,+8' 6 0*++8'1 4 *+ -'
4+41 ']' :0 '"9* 0 '06' ' 1 - .*'"09.6+8' 3' .+9 +8' 3+'5.+"1'.*60' 0/' 09 8'
,. 6 8'.4' 12 0 18' 6 .* 0 .6'06' 1 6 60 '.4 - 14+ -'0.'4 0' 0'9,"%0 .6'*140' * 03+0*6
' 4+ -

& '' '%' D.,"0'E1. -""+ 18' +6' = ' '1'4

' '% '$ ' ' '9)$' '23' ' '9 ' ' " *)' ' !! ' 8' ' /, ':;'-! " $
P ' ! , 3'2' 5 !' 1 ' $ U 5- ' 5 $ ' ' " !# . '
8 / ! $ 2 ' !# #' #)7 ' &$ 5 ! '# ' '9 $ 2' ' ' $ 7' / # F
, &$ 2' '# # ! ' V '4 # ! '(! $ B' '0 , ' ')X '% " ! $ b
8 $

4+-'51 - ,0 + - ' , ,+ - 6'9".*4 8' ! +6 .*8 /+8'0 6' $1 6 4 0' 6<* . 4' - .*0'12 0 " '
9*0-' .4' + * . - '5 ,0'06' ..60 .' 5"%.' .4 - 6.' . , ,0*4+ 6'6.*6.' + - ' .2+*4.*6 .'+6'
476' - + ' ,5* 50 6+ - ' *1 6 8' .4 - 0 0*6<'06' *60 0.' - * .0' . , 0*4.0' 04+"1' *
,+ - .0*608'.' *1 6 1 + 7' 6 2+8' +6 '0 0*6' ,+ "2' - 4 ' + +8' - 506+8'.' *1 6 8'53
6+8'60*6.6+8 ' 3+. - ' .4+8 ' 61' +, ,0 + ' 5 0' 7+*,' 03 0*60' 6"1 6 ' 0' *' . - 8
1 "0*4+*6' 3+. "' - 506+ - ' .4+5 ' 04' - 1/' *+"".' 0' 60*6.6.' .4' : .""+ - ' 0 0,050 0
613+0'4 0'6.*6+*.' 08'61 - 0*6 8'.4. ' 4 5"1 3+0' .4' "1, ,' 4+8 ' 14+' ,1* 504+8' *'
,10"1' 9* 8'4 . ,1* 8 *+1 1:3"+ 0 *0, .+4. - '6 .70*6 8' 50, 0' 3+ '6.*40 - ' 3+. "' *
. 0' 40, 40*8'0: .7+6' $1 6 4 0' +6' 5"+ 2+8' "1, 8' : ' .4.' : 08' 12 0 1 + - '4 6 .
70 0*6+ <' , ." .0' .4. .41*0 - ' 3+1' 06 ' +4 +8' ,1 - 08' ,+ - ' +1' ,1 - 6.6+' :0* 6' 06
,' 1" *0. - '51 6. - ' ,1 - 51 6.*6+ ' ' 06' ' .<3 4.*+8'&. ,1*+ - '6 2+*+8' .,' 1*+8
7+ ,' 0 '40 6 *.*61 ' 4'0. *' 5. 60 - ' :0' - . 8' 00 5 1, .*6 8' 4+0 . ' :0'60 - 51 8
.*9+ 6 .' 12 0 " ' .990 0 - ' - 50 04+ - '06' - + + - ' 0 4+1' 7+ - " 1 0 - ' 0" 3+0 .*6
'51 66 8' .+, 2+8'. :0 - '1*0 . . - ' 40 6 6+ 0' ,1*60*6 ' 3+.0' ,. 60""1' *'01' 0/' . "0
2+8' 0 .6 8' ,1* 6 +41' 61 - 0*61 + - ' - 506+ - ' + 6 *0 06' 1*+8' .4U .60*. - '?
L' : - ' . ,0 0' 40202.6' 3+1' "1, 1' , ,+ 6+' + +8' *1*' * " '1 61' <. - ' 1 0' 50 :0* 0' 516+ 6 ''
6.3+0' ,+ - ' 40604.8' .'5 .0 4 . 8' *"64 .8' : 40 06' 0' - * - ,'60*6.6.' .2 " ' .<1 4. '
+8, + - ' , ." .8' 8 4 - 1: "%06' ,". .' <. - '"+, 0' .4' 1" *0. - '51 6. - ' - 506+ - ' 0, 6' 6.*6.'
: 05+" +8' +6' 0" 4 8' , ." 8'06' - +"6 8'0/' + 8', .0 "8' . , - +6 .6 8' ,+ - '4. - *14 ,0 0 6
1' *' ,0 6. - *0'5 .0, 5+.' 1, - *. + - ' : 6+8' + 6' 3+.0'0/' +50 1 '"1, 1' ./ 8' 9*0'
. 6 , 1 2' 06' *60 4+ - ' ,1*6 8' 0 - ' 90 0 0' - .9*.' ,+ - ' 09 1 + - ' .4 - .6 1*0' ,4 ' '
504.0' + * 6' ' 3+.04. - '06 . - ' *' 1" . - '5 19 0 "%.0' +6' 6 .618' 71 60 8' <+9+". 0*6'06' 51 '
". 0*6' *40' +* ,+" 8' *1 6 ' * 6 60 0' .990 0'0 041 ' +6' .2' : .*90" '5 15+9*. ,+"3
L'6+6'0"%0*6' 06' 3+.6 4+1'51 6' . , ' :0 20 .6 1*0' .4.' ,+* ,+"1' 9*0 - ' ,1*, 5 0*60' - + '
* - 0*6' 0/6 0 - .'5. 8' - .9*1' ,+ - ' .90 0'4 +6.'0 6' 04' 3*90' ." 1 '3+. - ' *1 6 ' '
2.*6+ '0 : 0*6 ' 3+ 550' ,+* ,+". 1 + - ' - .9*1'0 1 0' - .<1 '3+. - '151 6+ 65 ": 0 8'
,15 .' *4 6.' +0 .6' 6.' +6'0<+8' + *.'06' .9 - 0*6.' 7+0' ""+,'4 8<04.' *' *1 6 1 + - '50 '
L* ,0 - ' :0 60 6<155 0 " 8' . - 5) +8' # '0/' 12 0 " 8'06 . - '40 40 .6' ' 1 60 +8 1* '
". ,+8' E 61" +8 ' & *00*6 +8' 5. 616' 06 ." - .*4+8 . ,'5 .060 0.' 4+1' 9 09. ' - " 608
6.' - 506+8' 09 2 + - ' + 6 .' + 6' 10 - * 8 '3+.0' +2' 4' *' + *. - ' . ,0*40 .*6' 06' '
7+"6.' *1 6 8' ,+ - ' ,1* : 6 8' ,/5 12 .*41' 9*, . - 3+0' - .60 . - ' + 8' +2 - * 6 .*41'
06' *60 4+ - ' *' *1 6 18' : 2 .*41' 0/+ - '09 04 02.*6+ ' 6 0*+. - '150 . - ' *. : .*6 2+8
%.*6+ - '50 504 .0' .+4. , .0' 50, - 0*'6+*,'04 6+ - '2 4+1'51 6' - .<1 0' ". +40' ,+ - +". '
6+*6' 0 +56 1*0' .2' 12 0 " 8' 50 ' +260 .*018' - 0.6+8' . .' 3+' 09 08' .42 6'5"0 1"3+,'
12< +*, .*6' : +" 0 .61' 8' (. : . " .*1 '06' . " 4.0' "09.61 ' *,0*" 3+0 ' *<041'.' 10 - * 8'
960' 150 2+8' . ,' 51*60' .' *1 6 8' *,71.64' + %+8' *' 01' ,0 6. - *0' 0/' 12 0 " 8'
4: 60 ' .+, .6+8 ' 0/' 013+0 :+"*0 0' 51 60.' 40,0 " 6' 0 *' / : 'S ." ' . .8? 1 %0 '
* +8 W6' - /' (, 5 1' '&0 9.*+8 '4+ - ' *' : .) 1'0 "0*6'9".*40'5"+ - 20. 4 ' +*6') 6 + ' '
3+0' - 1 8' - .'". 06 6 .' *' + 20' . , ,056. ' .63+0' "" +8' 3+ 40 - <'3+14' < .0, 5+.'0<+8' 150 .'
*' (.*2. 672"1 - .0.'". * 0*.' 9 . .61 08' + 6' 0 60*6' < 7+<+8' 3+14 ' ,+ - ' ." 3+.*41' - + '
* 0*4.0 +50"".0 *4+ 6 . - ' + . - ' 1*4.01' 06' 1" * 1' "1, . " ,6' 0.*40 - ' *+7, 6+ '
5 " - 1'6 .*8 19 1' +6' . 02.*6' .4' , .5 0*4. - ' + 20 - ' .44 ,0 06' $ 1 *40' - .* 0 6+ - '
4 : *.0+"6 3* 8'0/0 *5"+ - '71, ' .'5. 61 2+85+2" , ,' *'02*0 1* 2+8' - .9*.' :1, 8' ,1 - '
60*6' 1*0' 405 .04 , .6+ - '0 6' ' ' f '
' ' '5 40 - ' ,1* 6.78' 40' ,". "0' .+/ " . ' + - 1 ' *, 02 +0 .6' 3+.0'6.*40 - ' ." '
60 1' 51 "" 4 0' :0*61' 06' .0 6+' 0, +*4 8' *' 09 1 5 - ' ,1* 504+ .' 6.' 0' 404 6' +6' 5"0* 8'
f ' ' ' ? ' ' L :0" 8
f ' % '#51*60 - 5 - 8.' 16 8 _@' '1'
' '%' F ? !$? ' ' ' # ')' !)$ ' ' 6 !$' ? . ' ' ' / ! $
)' #),2' !)' ,9)' ! , ! !#' 8' . " !$ n , ' ' * # ' ? /' # ! ' $

:4 8 * 5566 -&0" : 6 8 8" *0 ""1406 666< 662" 9 0 "+ . , 040 06) . :08 6
1 *+-0 .6.0 +*6<3+.0 +6 09 .8 "+-0 1 +50 .2.*6 6.60"0 6.60 . -.-0 6 8 -
)6+-: 6+60 -+"61 * 0 1 08 0 .*6 7. "66 5 .0,0 602.*6 46+ 03+02.6 *
9* 8 5 .061 . 3+.- 6.6 0* 1*92-0 +(61*?,1* ,0*40 .6 ,06, .0 Z.<1 08 +"6
-+* .9-0*,".+402.*6 3 2+8 , 2 . ".6 + .0/ E."" 8<? 0"9 8 0 *9)8 51 6.
2.*6+ A1.**08 2(1< . 06 1 06+8 0,+*4+6* 1*91-0 +- +--+- -50 +*
60*02.*6 ". " 8 . .0 5 1* 1*61 +- 5 .060 &04. E" - 09 .- * 6 .4.- : 40
606< * .*,1 8 0. *140 +2 666 ' .4 , +.- .*0 +8 ,+* 6 0-0 . -.6. *03+ ,
3+.- .2 8< 3+ * &0*,6. *.;0 06 1 0" .0 -+* -0*61 0/4+2.2.*6 1 -0*61 + .
4 2+8 506 6+8 - 66 6+ +6 1*91-0 +- 40 12 0 "2 .- 6.6 041,0 06 2 ." 3+.
4 + 5+9*.6+-. (, 5 3*0 J" ,1< . 6 .0 66 0- 2+8 +"6 1 5 1,040*6 2+80671 6 "0-
4. "0-".,0 0*6 2+8 ,4 61 -0*6 8 6.*6+- 08 .4. 1*91-0 1 +2 *140- ,,0
40*60 3+ -+6.760 :0*61 ,1*:0 . :0" ,.6 1*0 + +8 0 ,2* 504+ *1 6 1 +- 0 +2
4+/ 6 06 8 0" .- * +".- * 6-1 0. .4 90 8 1 6 +- 6.- +*40 ,1 -0.6+8
615 1 +8 * 0. 6 . ,1-51 6.2.6+ @ ,,+5.: 6 2 3+0 0:0*6+- 1550 0*8 0 -+* ,
* 6 6+ 6 /51 +".*6 0. 40 0 .5+4 " .2067.- 50 1 .61 ,- ++- 09 0 51* +-
0 09 *.- * 1040 0 *+50 41 40- *60 51 6.- 0" 9 1 0 0%:. 0 40, 0: "0 *0,
61-- J+ .- +6 0. * :1". E%0 -06 61 4 , 51 6 3+14 .4 .+/ ".,0 8 .66 *06 018
5 .041*08 0 "0 06 0/+"08 40 3+ 2+8 ,+2 ,1-5 070*4 52 " *6 06 5 . "+55" , +-
+- 0/506.6 *.- *@+ "+ +15 1 0418 06 ." . * 9* .9, 6. 0 * 3+68 5 1 *40 6
/0/ 6.*3+.- * 5 .6.8 .*"-.4:0 6.6 0+- + 0 +1 + --06 0- 2 9 .6 " -. .
6.4+ +- .- 0/,+ .6 1*0- 0/ * 156 -.- 5. 60- .,,05 6 3+14 .4 0/ 6 -.6 1
0- 0 .- +. +- .,0 0 0/ 6 -. 06 71, 0 51* 1 5. - 40 *4+ 6 . . *1 6 8 5+2
,.61;1-* 2+8 7*, 60 ,0 0 516 6 -.- 09 + - * 6." 1,,. ,-0 -"R . 1040 0
4 ,040 0 ' 06 . $ 1 0 6.*6 +- * .6" .6+ .+"6+.*6 +- 5.. 2+8 ."R*.- 0 "0
&* S +,,0""+5 14+4. ,+ 3+01 26 4 1*0 .* - 6.*40- 5 *6, 5+ +
I06 5 1,0 +- 3+1 +*4.- 0*+4.6 < 3+. :0 6+1 +R+- $. 607 - 50 1 :0 $ 1
60 6.*6 .- ,.) .0 .4464 *1:. +- 0- -1,,. 1*.. 3+.0 ,2.*6 7 8 04+,,- 5 .0
L2+ 6 < 0*,1* +8 :0 .0-+".6 1*0 * - .6 8 :0 3+14 R*^- 1, 1" *
3+0- +* ,0 4 " 902.6 4051*0 0 *1* 5160 . 0 3+0 ., "0 .:. 1 06 1*4.01
R6 .*1: 2 3+ * *1 6 8 ,. "/ 8 0 .6 01*:0* 6 *60 :0*6+ 0* 4 %61 %+ 0*.0
\; ,0,1- 6 8 / :"" .**1 +- <+:0* 8; 3+ <.- 6+* - .9*+- 1 46+4 * 806 1"0 6 ., *
/02+8 .90*4 8 * 6. 0 .6 .- .:. - 8 1* ., 1 ? 1".0 3+ * "0* 1* 9 .6 .
L52" 02.6<4 40 2.6 06/0- 0 61 - - " 5 16 *+8 .4 *4 +- ,-.*.6* .- 02.6+
1*:0 0*6 2+8 "" 8 :. .0 76 *60 .*."0.* -.618 04 4 :0 . ,*6 0*60 8 4 ,
0*60*6 .0 ! 4.- .+41 08 0 .*6 +6 *91" - . 06 A1.**.8 *90 ., .*. . 50
40"0458 6660 , 50 06+ ,1*6 *+13+0 "0* * +8 +*- 4. *12 " 6.6 8 -.*. 50
. 0* 1- .*60 60*6.6. 01 5 1 04+8 0 5.".* 4+,0- 5 1 60 06+ 06 J5. 18 6161
H09*1 $ 160 6.*60 8 .4 . * . .-0*4. 0/0-5"1 +1:1,. 06 ^04 ,+- * ,.5 0*4 8
"" 8 + 2 2+8 -*"6+- 50 ,+" 0.56 8 *1* 5.-- 4 ,.7.6 8 * 8 ,1* 0 :.*4 8 6. *
& , *2 0/0 , 6. +6+ +-.55. 0 06 6+- 4.2 1 0:0*6. -./ -1 +-5 *, 5.- .".60 .
* 6.*6+- 4 , -0* 5 .0, 5 6. + "-0 60-0 . +- : 402. . " 006 .*2: +8 ,*
,+*4 +6 5. 0 .6 5"+ -+- 40 0 02.*6 3+.- * 5 10" 8 .+4./ 6.- * ,1 8 50*
,+"5 8 ,+*4.61 . 41 0- <+:0*+- 3+.*6+- 5160 .6 -.6+ 6.60 +. 60-50 .2.
4+- 06 40 ,". "0 09 . *60 , 5 0*4. ' 3+14 01 .,) +8 ,1* 04+ & 402.6+ 3+14 *
03+0*60 8 * 0. 0/0+2 .0 0 "0*6 9 . .*60 <.- 6+- *60 6 2.*18309 T*+- ?0/
[\ 3+ 2+8
& % ; ! * !) ' ! ! 2 " 5## " !^)#$ * 2 #))# :
,. .8 @ 1 4 &
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ˁ #ˁ .

3 - h85 .0 4 .ˁ *ˁ * .:0 8ˁ - 6602.*66 ˁ .:. 6 . ˁ36/ˁ*0,ˁ* 6",) -ˁ - "6+*ˁ 09 1*<ˁ $"G *6 ˁ
2+8 0 : .*4 8ˁ06ˁ.4ˁ< ". "8ˁ,+ 614 . -ˁ 41*0+ -ˁ +2ˁ 9*+ -ˁ7.202.*6ˁ06ˁ%+ 0* +8ˁ<. -ˁ 2 ˁ5
ˁ5 .061 . -ˁ: ,0,1 - 6 8#)ˁ ., ˁ ,1* ,0*40 .6ˁ (04 ˁ, . -ˁ*0,ˁ 08ˁ50 ,+"1ˁ,. 060ˁ: ˁ
40 06+ ˁ06ˁ,". ,ˁ 09 .ˁ *60 ,056.ˁ *00 6+ -ˁ0 06 ˁ .*ˁ,+ -ˁ0.ˁ +50"". -ˁ *6 . 0*6ˁ .*ˁ
* *9" . -ˁ .4ˁ.,,0 0*4.ˁ.+/ " .ˁ,1*60*40< 0*6ˁ 0140 - .*G: 1ˁ.+41 0ˁ *60 - .ˁ
." 3+.*4 +ˁ,1* " . ˁ3+.0ˁ,". "8ˁ 1*91 - 0 .*.0ˁ.55+" + 0 + - 56.ˁ +*6ˁ5 *, 50 3.0ˁ
40*+1ˁ . ˁ03+ 8ˁ ,1* +"6.6+ ˁ ,1*:0* +*6ˁ,+ -ˁ .*1: 1ˁ06%+ 0* 1ˁ 2 40,1* ,0* ˁ
40*4.ˁ.+/ " . ˁ ,". 0ˁ06ˁ5060*4.ˁ *9" .ˁ.ˁ5 .0 0 : 4 8ˁ.4. -ˁ6 71,ˁ.4ˁ . - . -ˁ50 6 ˁ
0 0ˁ . -ˁ6161ˁ 09*1ˁ.4ˁ6.*6. - 40 0 6 1*0 -ˁ5 1,+"ˁ4+2 1ˁ - 16+8ˁ 0,+6+ 18ˁ *ˁ5 .0ˁ
0*8 08ˁ".5 .8$ 160 6.*6 + -ˁ0 9 ˁ ., - +": , *.00/5+9*.6 1* 8ˁ50 ,+"1ˁ5 .0:0 67ˁ
1*6 .ˁ4 0 02.6 .*1: +8ˁ,+ ˁ,+ - 1*9G - 0 G." 13+ *ˁ - *+8ˁ20*6,1*&0* 02.6 ˁ
12 4 1*0 -ˁ +50"".0 - * - 0ˁ+ 90 0ˁ*03+0ˁ6. *ˁ50 ,+"1 1ˁ.,ˁ5 .0, 5 6ˁ.4ˁ0. *ˁ 1"
&0*4. -ˁL,1* " 1ˁ15+8ˁ0 "0ˁ06ˁ:061ˁ, 9.ˁE.""18ˁ3+1ˁ.* - .6ˁ +*6ˁ* 141ˁ *9" ˁ3+ ˁ
2+8ˁ616.ˁ0 0ˁ.+/ " . 8ˁ,". "8ˁ,1* 606ˁ2.+4ˁ .6 8ˁ - .* 0 6+ -ˁ0 "0ˁ 06 *ˁ *9" .ˁ6.*61 ˁ
+ -ˁ5 *, 5+ -ˁ, 61ˁ +2 6+ + -ˁ6.04 + - ˁ " .2067. ˁ3+.05., ˁ3+.0ˁ +1 + 7ˁ *,1". ˁ
- 6.6ˁ "+4,6ˁ + - 56++ -ˁ50 6.0 .ˁ06ˁ.09 0ˁ ,ˁ20""0ˁ0/60 *1ˁ - 5"R 6+ . ˁ3+. -ˁ:0 .ˁ
5+40*4+ - ˁ *+"".ˁ*0,, " 6.60ˁ,190*60ˁ6."0 8ˁ71 5 608ˁ ."+60 -ˁ5 15 . -ˁ. ˁ40,+8ˁ6. -ˁ
5. :ˁ .,, , ˁ+6ˁ5 1ˁ." 1 + -ˁ ."+60ˁ +55" 008ˁ405 0,.6+ ˁ *ˁ0/60 *.8ˁ1 .8ˁ:0* 0ˁ*1*ˁ
4+2 60*6ˁN .+6ˁ3+1ˁ: "6+ˁ0/,056+ . -ˁ048ˁ *9". - ˁ 3+.0ˁ3+.*3+. -ˁ7+ - .* 6.60ˁ*+"" ˁ
5 +, 5+ -ˁ 3+ ˁ714 0ˁ +*6ˁ,04. ˁ*0ˁ6. - 0*ˁ 104+8*+50 ˁ *60 ˁ 090 -ˁ06 5 . - 3+. ˁ
0*1:.6+ -ˁ : 1".60ˁ: 40.6+ ˁ .+6ˁ018ˁ,1* 50 6+ˁ. ,02 6ˁ.+6ˁ.4 - "28ˁ " - 5".60ˁ *, 0 #
5.2 6ˁ3+ ,3+ 4ˁ:0 1ˁ.4018ˁ<+:.*418 *ˁ1,0+"61ˁ ., 06ˁ 6.ˁ5. ,0ˁ ., 06ˁ +6 *1*ˁ6. -ˁ
0ˁ4ˁ5 1 +6+ + -ˁ3+. -ˁ.4ˁ . - . -ˁ*1, 6+ + .ˁ855. 0.6ˁ 6.3+0ˁ.4ˁ5 .0 0*8ˁ .6 8ˁ: 40 ˁ
.4+ -ˁ3+14ˁ5 150* . -ˁ.401ˁ:1" *6.60 -ˁ *ˁ<+ 6.ˁ,.+ .ˁ +2"0:.*4.ˁ 0*+4.:0 *6 3+3ˁ
40 *,,58ˁ,+ -ˁ1,," 1ˁ 01 0 06ˁ.+6ˁ - .<1ˁ +.402 6ˁ*,,0 " 6.8ˁ,1*6 . 6.ˁ *40ˁ "4+, .ˁ
5 1 - 56 1 08ˁ06ˁ" *0ˁ60 9 :0 .6 1*0ˁ *ˁ0.ˁ5 1 - 1:0*4.ˁ+6.*6+ ˁ X" 8ˁ: ˁ<+/6.ˁ5 12ˁ.,ˁ
5 ,*6 8ˁ.4 - 1* 6 1* 2+8ˁ,1 - 5 0 ".ˁ5 .0 0 : 41 + -ˁ<+:0*+ -ˁ,1* " . ˁ3+.0ˁ *60 -ˁ
1,,+"6 8ˁ 6.6 1* 2+806ˁ,1""13+ 8ˁ *60 ˁ018ˁ.9 6.6. ˁ6.*40 -ˁ .**1ˁ 03+0*6ˁ *ˁ.50 6. -ˁ
,1*<+ 86 1*0 -ˁ0 +50 +*6ˁ , - + -ˁ: <ˁA . ˁ . .8ˁ 0506 6.ˁ??5+" .6 1ˁ3+.ˁ *60 ˁ
".ˁ" 2ˁ - 0 4 0 -ˁˁ . 6 " +8ˁ06ˁ&."" +8ˁU ". 6 ˁ3+ˁ *ˁ+ 20ˁ0 .6ˁ .60 ˁ*1 - *0ˁ
*4 *ˁ .4ˁ4ˁ +*0. -ˁ51 6. -ˁ:,*0 +*6ˁ ˁ ,1""13+ + -ˁ5151 ,0 +*6ˁ 9 0 "ˁˁ5 .0B
61 ˁ %. 6 +8ˁ06ˁ 406+8 ˁ A1 6 +8ˁ+ 2 8ˁ5. 61 ˁ 06ˁ ." 3+.*61ˁ 60 - 51 0ˁ " - +"ˁ 0 0
$1"ˁ +6 1 + - 3+0ˁ4 ,, "+ -ˁ 9* 8ˁ *ˁ,+*<,+"+ -ˁ :.*90" ˁ5 15+9*.,+"5ˁ +2<04+ -ˁ
*< ,R+ ˁ06ˁ407 ,0*6,ˁ60 .ˁ *+"6ˁ<<6 *3+0ˁ.2 1 56 ˁ (+2ˁ<4ˁ*03+ ,3 . -ˁ.ˁ*1 6 8ˁ
155+9*.6 1ˁ60*6.6.ˁˁ6. 6+ -ˁ,,ˁ61 - 0*61 + -ˁ 4+8ˁ4 "5 1 ˁ $1 6 4 0ˁ4 5"1" 1ˁ *ˁ
609 .6.ˁ*0ˁ 1 "2 ,8ˁ *ˁ."60 1ˁ,+* ,+ 1ˁ5. .*41ˁ1,,+5.6ˁ0/.+4 0*6+ ˁ 3 +"3+0ˁ.4ˁ
,1""13+ + -ˁ40:0*6+ -ˁ4 0ˁ * 03+0*6 ˁ06ˁ+6 *3+0ˁ,+ -ˁ - +6+.ˁ".06 6 .ˁ.,ˁ9 .6+".6 1*0ˁ
4 ,0 "+ - ˁˁ 0 *ˁ.4%.41*0 - 5+9*.6+ -ˁ09 09 0ˁ.*1 "< 8 2:0"50 . - ˁ0/ ,0* 1*0ˁ
,6 . -ˁ *ˁ 1 ". -ˁ .4. ˁ3+ˁ *40.2ˁ12 0 " 8ˁ5, "" 0 - 1ˁ405+" ˁ +*6ˁ4 5"1 8ˁ *60 -ˁ
,,,,ˁ61 - 0*61 + -ˁ 4 2+8ˁ 0ˁ * 03+0*6ˁ + +8ˁ4 04.ˁ.4ˁ :.*90" ˁ5 15+9*.,+ ˁ
+ -ˁ:0 20 .6 ˁ /ˁ&0*06.ˁ06 . -ˁ*.:0ˁ.4 - 14+ -ˁ, 02 8ˁ *ˁ+ 20*<ˁ 4 2+8ˁ +" - *. ˁ
2.6+ ˁ +*4 3+0ˁ.,. - 6 2+8ˁ3+."ˁ .4ˁ + . - . -ˁ155+9*.6 1*0 -ˁ,15 8ˁ 2ˁ4+ -ˁ
.,< R, ˁ+6 *3+0ˁ5+9*.6+ ˁ 1, - * 8ˁ: 1 + -ˁ9."0 8ˁ + - 56 8ˁ06ˁ1 - * .ˁ - "6. .ˁ - +* .ˁ
- 5 .: 40ˁ.4ˁ*1 6 1 + -ˁ 6+51 0 -ˁ.4 - * 6 .*6 2+8ˁ6.*40 -ˁ5. 8ˁ :.*90" ˁ - +* 6 1* 8ˁ
,1*, 4R ˁ 0ˁ,060 1ˁ2.+4ˁ - .9*1ˁ50ˁ,+* ,+"+ - ˁ "".61ˁ155 4.* 8ˁ406 - 0*61ˁ G+ * ˁ
36S ˁ 1 8ˁ00 6.6+ - ˁ3+ *3+ 08ˁ 0506 61ˁ00 6. - *, ˁ06ˁ4 5"1 "ˁ, ,R0 ˁ.*1 6 8ˁ ˁ
61 - 0*61 + -ˁ 4+8ˁ3+ˁ6.*40 -ˁ 06 1ˁ5040 -ˁX +"0 0ˁˁ - +* 6 1*0ˁ: , *.ˁ51*6ˁ.ˁ 09 R
ˁ 6 .61
& ˁ %ˁ1ˁ5<"<6 1ˁ.ˁ*16 8ˁ3+.ˁ Nˁ ˁiˁl
ˁ ˁ5.ˁ,ˁ ˁ$ˁ,ˁ ˁ ., "#ˁ2 > $? 4 # # W8ˁ &$ ˁ)ˁ Iˁ #)ˁ # 2!)$
? N ˁ Iˁ ˁ! ˁ ˁ

* 6 .61'1551 6. 3.. .. 12 *0""+8',171 6 8'+ 2.*.04+/'6+02.6+ ' *'".6+8 6.' * 0 6.6 d'
' ?+6',1* 60 0' *':0 6 9 1'*1*'51 "0*6' *' ,+* ,+" 8' 3+13+0' 5+9*.6+*.' ,+ -' ,1*6 .'
18'*1 6 8'155 4.* '.90*608' " 2' *: ,0 -'1,,+ "0*6'06'".*,0 8'. 40*6 2+8'2 0: 1 '
2+8' 0"155068'.,'9".4 8' 08'.4.' J10 - *. + -'3+13+0' .+4.,.' *'01'50 50 6.'3+.0'
4 - ,.*41'06' 6.6 1*08'120+*41'*1*' 0,+8' 3+. *': ' .4' .990 0 -'06',.* ,+"18'0/,+'
2.2.*6' :

'7 '718' 4 08' 2 . - 506+('‚+ -' #': *,+" 8' 5 1 +9 "%06' *' 3+ 6.* .*"'
6 .* 9 0"%+8' 1, 1 + -'150 ' 1 .*+*' *'.0 6+. 1'E. + - *.0' 0' + - *6. .0'1551 '
:' 6+*+ -'0% 0 - 1"" .0' . - " .0'155 4+ -'1,,+5.6'3+14'51 6 - 141'40 0 0 0',1.4+8' .4'
%16.4:0 8' +,,0 " 2+8' 06' ." 8' *,1 - - 14 6.6 2+8' * .4 '*1 6 1 + -'.* - '6. - 0 6'
*1: 8' +2 *40 61*.6 2+8' *' 50 -'516 +*4.0'+ 2 8'0 902.*6+ ' 04' "0*60' 0 0' 08' 36'
,. 6 8'.4 - * 6 .2.*6+ ' 1*6 .'155 4.* '40' 0 + -'*1 6 . + * 6.6+'. 09 8' 5 8' 0??
4+"1'0414 '.'40 50 .6 1*0'06' 09* 6 0'*1 6 .'*1:18'.* - 18' + - 02.*6'06'* 7 "'40'4 '
" 90*6 .'06'."., <.60'5 6 *.' *'20""1 ' * 7 "' *',1""13+ 8'40'5 1 2+8'506 6 1* 2+8' 0 '
- 6602.*6' A. - 3+0' . '0/' + 20' *',. 6 .' 09 .'5"+ 08'0/',. 6 8'.4'12 0 "28'6 .*8 +?'
9 02.*6'5.+"13+0' .*60'4+1'0/'(.*61* ,.'*12 "6.60'03+ 608' 6.6 1*0 -'*1 6 . -'5 .0 '
60 :04 '06' + - 2 " ,1'60*+8' 0/ 6.*608' .0 6+. 8' +50 .6 8' +2' - 0 4 0 -',+*4 8' 40 '
504.*6 2+8'50 ' 1" *0. - 51 6. -' *9 0 ' +0 .*6' 6.3+05 4'S."' . .8'0 +56 1*0'
.4.' 12 0 ' - +* 6 1*0 -'5 1/ - . -' :.790" '5 15+9*.,+"1 3+. -'.'8 %."".6 '
,.56. -'*1 6 '.4'7+*,'4 0 -'60*+0 .*6'06'5"+60 8'. +0 .""0 2+8' - +* 0 .*6'6 +, 4 .6 8'
5 .0 4 . 8',050 0' - 1/3+0' 0 - 4 +6. -'40 0 +0 0'0.3+0' 0' ."3+.*6+ -' 06. 4.66'
*1 6 1 + -' +*6',1*.6+8' 140 -'4 0' 0 - ".'.4' *4 *+ -'51 6+".6.'155 4.*1 . -' #'
*12 " + - 3+' *'+ 20'0 .*6'4+ -'20""+ -'90 6+ *+ 3+. -' *60 - "2'.+6'.2 +561'40'
5.,0',1""13+ 1' 140 3+.0' ""' 1*.8' . .8' 0,+6.'0 6'155 4.*'5 14+4.' - .,7 *.'
,+' .' 1 - .'9 +' *1 - 0*' 0,0 0' 9*0 -'0'51*60' *'5 15+9*.,+"+ -' *<0,0 +*6' 04'
0/ 9+1'5 1 04+'.,'51 6 4 0 . 6 " +8' .4' +*0. -'51 6. -':0* 6',+ -'51 6+".6 8' 2'
.'5 .061 0' + 2 8'0/,056+8' 51 6'"1*9+ -'06'."60 ,.6 1*+ -'5"0*+ -' 0 - 1*0 -' 08' *'
6 4++ -' 0<04.' *60 0.' 9*0' *',+* ,+"+ -' *<041',+ -' - " 608'. ': -' ., 0*4. -'
40 6 *.6' 09* 60 ' *,040 0*6 *0,'.44+4' 51 "0*6'+6' *'5 15+9*.,+"+ -'0* 60 0*6+ ?'
(6 1CC +8'06'E. 6 +8'5 - . '4+,08' 5 "8' 0/0 - 5"1' +1'5 .0 0'5. .6'.2' *4 *1' 0:1 '
,.*6+ ' 0140 -'60 - 51 0' 08' - 0" +8' *' 2"^'90 ".'+2 ' *+* 6 1'.' 09 8' 0, 50 .?'
6+ '4 5"1" 8' 2 8' - " 0'61 - 0*61 + -' 4 2+8<' 06' .4' 4 0 -' 060*6. + 6' *. -'51 6 4 0'
0' +70.'51 6.'06' - * 6 1*0'5 1/ - .'0 + - 50*608'12 0 '5 .0 4 + -' 09 + -' *40'40 '
5+"0 +*6' 0,' - +"61'51 6' 1*+8' 5"0' *' 1 ".0'".2 1' - *1 8'61 - 0*60'0' - 10* 2+8'
4 5"1 "' 4+' *' 0 - 1 0' 50 ,+ " 8' 0 6' 0506 6+ -'40 *' 50 ' ' . 6 + -',1""13+ + - '
+ 90*60'*0916 + -' 090'3+' ".+4 + -''<$ *. + -'06' - 1/'$06 + - +". 6+ -'+6 + - '
3+0' .' 0, 06 8' 05 61" 8' 0.'40',.+ .'.4' *4 *+ -' .6 0 -'"09.:0 .6'12 4 1*0 -' 4,'
,+<+8' 0/ 6+' - +"6.8' 12',.+ .8 :0 02.6+ ' *'"1*9+ -'0/6 .7' *4 9*.6+8' : ' 4'06' 0 '
3+0*6'4 0' :. 0' 5+9*.6+ - '0 +56 1*0' .2' 12 0 8' 50' .".20,. -'51 6. -' .4. '06'
6.6 1*0',.0 .'.,' *' +9. -',1*<04.',.561': , -'.''(.*,1"+ - 21'51 6 4 0'V' :0 '
" ' 9*1'3+14' ""0' *' :.790" '5 15+9*.,+"1' 6.6+0 .6'06',', ,60 ' . 8'*03+0'
+""1'.0 1'150 .0'5 06 1'.'*1 6 8' .41'3+. - : 8'5 .0 4 . 8' 1 - *1' 05+"6 8' G+0 -'
0 1 0 -',+ -'."60 1'51 6' 4 0'0 - 0*4. , :0""0*6': -' .4+ ': 9 "+ .' 6.6 1*0 -' 050 '
0 +*6' 03+0' * 04. 2 0 +*6' (03+0*6 2+8' 4 02+8' 9* 8' .2' 12 0 8' *' 09 1 +* '
51*60 -'06' - +* 6 1*08' *<04+8'.'3+1' 6. *' 5 " 8' + - +8' 0/46.6+8'+6'*1 6 '"1,+ -'
40 0 0 0 0* 0"'.63+0' 60 + -',1.4 '" *6' 9 0 ".' *60 - '5"020'.4'5 0.6 1*0 - ' +*40
5.+50 - '3+ 3+0' ."02.*6+ '"0: 60 '5+9*.6+ - '
8 !' :

% $ 'D ' ' 2 ' ?, ' '" ' ? ' '
$' U ' ' ' /) 0' #" ' '$'% '' ' ' ' ' ' '(\'
D '" 6 ' '/50$'

" ' ' ' - eLP

!' ' ' S ." 'A+* .8' 616 8' : 2+8' .4' 5 15+9* . ,+"+* ' ,0 6.6+* +' 3+. ' !'
14. : .' 155+9* .6 1' . +50"" . * 8' *+ - .6.' 0 6' E1.8' (. * ,1"+ - 2+8' (6057. * .8# . 6 ' ' '
6.') 2 * .8' 71 - 1' - 5 90 ' 1 4 *08' 4+,02. *6' ' 3+ ' - .9* .' : ' .4 . ' .2' 12 0 8' - .<1 0'
05+ 6' +*6' 9". *4 + - ' 9 . *4 *0' * 0 6.6 ' (. * ,1"+ - 2+8' 06' . 6 .6.' 9 . : 60 ' : +"*0 '
/ .6' ' 06' 7+ ,' 3+ 40 - ' - 1 /' 0 - + ' . - 5+6.6+ - ' 3+14' + - - .' ,1 * 6. *6 .50 6+" 6' , '
40 .6' 06' ,1 - 5"+ 08' ." ' 06' *' 8' ' . * ,70 +8' *12 " 8' 6+ /' 0/' E1*C.9.0' . - " .
/' 12 0"" 8 ,' &0 90 +8' 0" "1,+8 ' 3+ ' 09 09 . 7' .4 - 14+ - ' 150 . - ' 6161' 12 4 1* 8'
60 - 51 0' * . : . : 0 .6' *' + - 2 " ,1' "067."0 - ' 5".9. - ' . , ,05 6' 0/' 3+ .' - 1 /' 40 ,0" 6' %+ * '
"04 *609 .6.' : 0 2, .6 1 ' 06' .4' , , ,' 61 - 0*61 + - ' 4+8' 4 "5"1 ' ' 3+ .' 51 6 4 0' ,1*6 '
*+ .6. ' 4 5"1 ' , , 60 ' , ,' 4+8' ,1*6 . - + * 6 1*0 - ' 16+*4. - ' .' 3+ .' * 0 6.2. *6+ '
09 3+ . - ' 06' 40 - 1" 6' +*6' .9* .' 0 4' *' + 20' 5+" : 0 8' +" + 0 50*+ .<' 3+1' 02.6'
+6' . 8' *0 ,' * ' 40 6 * .6 8' 4 2+8' 12 0 " ' ,"1550618' 4 5"140 0*6 3+14' 0 ,+ 1 08' *1 6 18'
044 4 0 .6' (04' * . : 9 .' 1 60' .' ' 1*91 - 0 1' + - - "2' 06' 0" , 60 ' .55+" 1 ' <. * '
4 6 2+61' *60 ' - " 608' 5+" : 0 0' 12 0 " ' 4 5"1 "1* ,' *1*5. ,0 ' +6' . *60. ' 04' " 20 ." +8'
40 * ,058' + ' + * 6 ' - +"6 3+0' - 5 +40*608' 0' *5 6 8' .+, .6' +*6' < 06' *60 ' ." 18' 0$1" . '
,+8 ' 4+ - ' 1 60' ,1* 5 ,++8' *' 03+2' 5.6 .6+ ' .' f . 01*0' 40 6 * .61' 4+' ,1* , 4 6' 0/'
3+1' *' , . 6 .' 0". 6+8' . "60 1' 51 "' 4 0' 12 6' ' 3+1' 0140 - ' 4 0' ' $ 9."". +8' 5 0' *' : . ""1'
.+, .6+8' 0 6' 4+1' 51 " ' 0" ; 06 1 + - ' "09 1' <. - ' 4 +' 0/156.6.' *' , . 6 .' 6. *40 - ' : 0 * <6?'
3 72+8' .4' ń 1* 0"" + - ' 06' 0 6 .0+ - ' 71"5 6 + - ' . " 9* .6+ - ' (0 ,+ 0' .90*6 2+8' 3+ '
*' : . ""1' , . *6' *' * 03+0*6 1 08' 6.6 1*08' 0 +56 1' .2' 22 0 " 8' +6' , 04 2 "0' 0 "' 5 +8'
- 1* 6 8' 60 - 50 6 : 0' .4 .' 0 6' 6 +, 4.6 8' 12 : 8' 3+ 2+ 3+0' 06' 3+ ' 0". 2 ' 5160 . *6' 6 '05 4.'
9.' 4 ".5 8' 06 . - ' - . ,7 * 8' - + ." 2+8' " "' ," . : 8' ,1* / 8' : 0 - - ' 4 +6 +8' - 1 .6 ' . , '
,+ 0*6 2+8' 09 8' *' 04 6+' +*4 3+0' , ,+ - : 0*6' ' 0' 6. - 0*' 0 .40 - ' 3+ .' : 0*0 . *6' : 6?'
6+60' 0/504 : *6' 40 40 .6 8' / /' , , 60 ' 0/ + 8 ' 06' 5' 7 8 ' . 1*0 1' *12 " ' $ 45* , '
06' ." 3+16' .+, .6 8' ,+ - ' ? 12 *0""+8' 6 0*++8' 1 4 *+ - ' 4+41 ' 0140 - ' 4 0' . *60' 0 +5 '
6 1*0 - ' ,"155061' *60 04+8' + "06' , , 6' 0' *5 6 8' . - 5" +8' , , , ' 06' /' 9* .' , .56.
' 3+ .0' 51 ". 4 0' 12 0"S' 5 1' - 10* 2+8' 5 .9*1' ,+ - ' *1 6 1 + - ' 41"1 0' 0 0/0 +*6' 03+0'
6. -0*' .' 5 151 61 ' 40 6 6 6' *4 *+8 ' 3+14' 0/' 5 1,0 + - ' ,1* " 1,050 .6' ,+ * ,+"18'
.90*4 ' 06' . "/ 8' . ," 91* 2+8' 5 15+9* . ,+" ' .4 ,08' + 14 0*4 ' 6.3+0' 3+ *3+0' * 6 63?'
6 840*+G' ,+ * ,+" 8' 616+ ' ""+4' 5.6 + - ' 3+14' .' &060 0' 1*60' .4' : . *90" ' - + * - 0*6'
6+ - 50 6 *06' 4 +0 0' .99 04 6+ < 3+14' - + * - 0*6 8' 7+ - " 1 2+8' 6 2+8' 40 6 +4 8?'
,1 - - 140' 0 ' 51 "%050 6 8' 50 +. + - ' 0 .6' 3+1 + - ' 5 - + - ' .2' 71 6 2+8' +"6 1' 0 '
4+ - ' 0/ 9+ .' , .040' 1, ,+5.6+ - ' +0 .6' ."60 + - ' .05 +8' . - "+ - ' . ,5 +8' 50, 50 .6+ - '
06' ' 51 6 0 - . - ' - . ,7 * .0' ,+ +" 8' .4' 1 . - 0*' 40".6.0' 150' 0 : 0 - ' ." .' +*0. 5'
1 6. - ' : 0 +8' 6.' 0/' 1 .0' ".2 1' - 71 2+8' 61 - 0*6 8' : 0 20 .2. *6+ ' 6.' +6' 4 - 4 .'
1 ".6. *6+ - ' 71 6 2+8' 0" 3+ .' 0 06' 0/' 3+ .' 6. - 0*' .44+41X1 - 0*61 - + * 6 1*08' 99 .8'
.4' .4 ,0 - ' : . *90" ' 5 15+9* . ,+" ' 0 04.8' * 0 6.' 5+" .6 1*0' 3+ . ".2. *6' (+2' 4'
60 - 5+8 1*50* 0 +8' *' ' - 1 , . - ,+<+8' 5 .0 080 .6 .40/ ,+ "1*08 1*91 *0 +'
? 5 17 20*4.8' 06' ,1 - - 14 1 0 - ' ,1 - - 0.6+8' +2 : 04 1*0 - ' .2' *4 *1' ,+ - ' , 15 8' 60 '
0 6 2+8' .2"09.6+8' 0 6' ' 3+0 *' 5.+, 8' 51 6' 4 02+8' U' .40 ". *+8' 0"". 0' * +". 0' 7+50 ' 0'
. ,61' 15+"0*60' "" 8"1, 8 ,10*12 5.6 - 1* 1' 42 6 .4.0' , 0.6+8' - . ,7 1 ,+ - ' * 6 +4 .'
,". 0' 0,+6+8' 0 6 ?' +6' 0/' 0 .' 1*91 - 0 . *18' 0/50""0 06')' A+* .8' < 0506' 6.' : 0 '
70 - 0*6 1 0' 3+ . - ' . *60 .' : 0 20 .6 1*0' 0" : 06 1 . - ' ,15 .0' *' . , 0 - ' 04+, +*6+ ' ,1 '
6 . .' 12 0 "2 + - ' : 0 20 .6 1*0' 5.+"+ - ' * 6 1' * 0 6.6.0' 40 *' 9* 8' *' ,+ * ,+"18' 5. ' j
.618 ' *' 3+ 2+8' 0 4+ .' 508' 0 .6' *4 6+ ' ' 3+ ' ,+ - ' .92 0' - .9*1' 4 8<041' - + 1
"1*9

" ' % ' ?' "20) 8' E1*4 +8' 0 " " . 0

'%' ' ' $' ' F ' ?* ' ' " . ' .' ' '% ' ' ' . ' ' 0
: ' 4 . ' / ' 4 0 ' " 0 I ' ! ' ' * 0' ' ' ' 4 B8*
'% ' ll' % ' f ' . ' ' " 0' (' '% -
. ' ' ? ? ' ' ' + 66' ' '

' "1*90' ." 1' .2'15 * 1*0'0:0*6+'60 *' ,1* 0, 6' 60 .' 06' +40 2+8' +6 *3+0' ,1 90 6 8 '
' 6.' +6'6+ * .0' ".60 .' *40' - . 0*6+ ' 3+0' * 40*608' 40 0* 1 08' 6.*3+. - ' .990 0' .4'
4' 40' *4+ 6 .' N/ 6 - 41' 0* 60*60 8' *1 6 18' , 02 .' 9". *4 + - ' 9 .*4 *0' +/* - 150 0' :'
0 6. 0*6' #E. 6 ' 06' :060 .*.0' 40 - 1 6+ ' 1 "0 ' ,15 .0' .*60,0402.* ' 4+,0' $7 " 551'
(6 1CC 1 ' 3 ' E+ - ' / / / ' ,0*6+ 1* 2+8' ., 9* 0 8 *6 05 40' "1,+ 6 .99 04 6+ ' (+2 '
03+02.6+ ' 1*4.0+8 ' 40,1 8' - .9 8' , .+ .' 3+. - ' 3+ 4' , . - ' , /504 6 1*0 - ' 5 12. 0 '
W6' ' 1*9. : "". *+8' ,+ - ' 40R4. ' ""+ 6 + - ' : 1 + - ' - . *+ ') "6 - 1' "1,1 ' E+ "1' ,6'
91" - 0 ' *1671' 4+, 26 8' - " 608' *,0402.*6' 3+ ' ,+ - ' +50 1 2+8' ,0 6. - * 2+8'
.* - 1' * .4 ' 09* 60 ' *0,' 5 1' 4+,+ - ' - 50 1' 5+9*. 0*6 ' ,0*61 "1*+*" 06' - 50 .?
61*8' 5 +8' 50 - ' 0 0""0 +*6 ' G+ *3+ 08' 0506 61' ,0 6. - *0 ' 616 08' 05+" ' *1 6 ' 10 '
- * 8' 5 1' - + 8' 06' *' 1 ". ' ,0 6.6 - ' ,+ - ' : 8' .0 - +". 6 1*0' +5 .' 0/+ - ' 6+50*4. ' ,0 '
6.*6 2+8 ' %.*40 - ' 4+1' 40' / / ' ,0*6+ 1* 2+8' .+6' . - ' .+6' .+, .6' <' 06' *' 7 c' E1.('
5 0 ' 3+ ' 5 - +8' *' + * . - ' + - - .' : 6+60' ,1* ,0*40 .6 ' <+1' 0/' :+" "0 0' 6.6 - ' 40 '
,0 6 ' ,1 - 5"+ + - ' 6 50*4"1 - - ' 43/ ' 3+ ' ,+ - ' **+ - 0 8' ,0 6. - * 2+8' *60 + '
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61 - 0*656+ - ' 4+8 ' 5040 - ' 06+"0 0 ' 0 4, .6 ' 5 .060 0. ' 0/' .1 6 8' , , , ' . - 5" +8'
- " 608 ' ,+ - ' 0R' 12 3 8' / / : ' 6 6+ - ' 50 "0*6' < 06' *' 8' ,' ". 6+8' 6 0*++8' 4 *+*6'
4+41 ' .9 - 0*60' ".5 8' 4+' [illegible]1, , +8 ' $. 60' ." .' .4' ' A.41*0 - ' , ".0' .4 - 16.0 ' +2 '
,1 - 08' 0 +4 +8' 0 - ' 90 02.6' 06' ." 3+. *61' 60 - 51 0' * . : 8' ' 3 .0' , .60*. - 0 : .2.6 ' *'
*1 6 16+ - ' 5160 6.60' + ' 140' * 03+0*6 ' + * . ' 6. ' .2' 155 4.* 8' . 6.' 0 6' +6' - 16'
3+. - ' .*60' :0 20 .6 1 60 - ' 0. ' + 2 8' 5. 8' ,+*4 8' .55. 0 06

' 7 ' 2.*, ' 155+9*.6 1*0 - ,+ - 516 +81, , . 61*0871*0 60.212 4 1*04 ,0 '
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," ' +6' *+*,)8' 40' *4 + - ' 4+ 0' *' 090 - ' $1"1* .0' 0"041' *' , . 6 .50 ".6+8' 6 ' +*40'
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+,+8' 3+. - ' 20""+ - ' + 6 ' *60 - ' ." .6.0' 1*91 - 0 ' " 60 .0 ' 3+ 2+8' 40' 5 1 04 1*0'
+. ' *' *9" . - ' 3+1' <. - ' ' *9+ "". + - ' "09. :0 .6 ' ,0 6 1 08' 155 4.*18' ., 02.6 ' 06'
2 0: ' ,+ - ' .+/ " 8' :0*6+ + - 0 9* , .2.6 ' 4 - 16.0' 06.4' 5 15+ . ,+"+ - ' 616 08' 5+" '
.6+ - ' .' *1 6 8' , .608' 06' : - *0. ' 41" . ' 6+ *' 06 . 6 ' .4' %.41*0 - ' <+/6. ' _' (.** ,1"0. - '
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% + * , # : +8' 6 0*++8' 1 4 * - ' 4+41 ' *4 9*0' .*60' .' 5 .061 0' 7.2 6+8 ' 50, ,'
, +56 1* 8' .4' *18' 6 .*8 +9 6< ' ,6"<+8' 4 00 "+' .+4. ' *' + 20' + 5 , 1 ' 06: - 4 A+* '
- +"6 ' 0/' 155 4.* 8' *' , . ,0 0 - ' ,1* 4 ' 3+14' 4 +6+ * 1 812 4 1* 8' 6.04 1' 06' .* '
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04 1' 06 . - ' 20"R ' 0/5060 0' 5 ., ' 0' 0 0*6 ' 4+1' 51 6' 0 +56 1* 2+8' ." 3+16' ,0 6. '
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555 4.* 155 - 0 0*6+ 04 < 3 .2 12 0" 8 ,19* 6. 1* "+ - 6+ - + 6 E . .
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.2 1551 6.6+ ,+". 4+.2+8 - *1 2+8 - .,7 * 88 3+. . - ."60 .< 5"+ 2+8 04 0/ 9+ 8
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0 - 50 08 71 6 " 60 04 "0*60 .90 0*6+ .4 + 3+0 S." G+ *6 " 0/6 .) - 0 6 < 3 .
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,5 616 8 . .4 0 .*+8 :0* "0*6 .2 a55 41 ,+ - 1*6."2.* 06 0 - .+ 40"09.6 8
U 5 .061 + 2 8 06 E. 9+ ""0+8504 6+* 5 .0 04+8:0*0 0< 51 6 , 02 .8 ."60 ,.6 1*0
40 (.*,0 . 3+. - 5.4 8 ,1 - 5 070*4 - 50 .61 7.40*+8 *1"+0 .6 ,1*4 6 1*08 7.4
50 0 2+*6+) 6 3+.*6+ - .4 ,1*, 1*08 2.56 - 1 + - 06 - .6 " 4 * 5) - ,0"02 .
6 1*0 - *609 . 1 - * . (.*,0 .* 8 - .*0 0*6 40 ,060 1 04 4 20*0 , 1 0/,"+40
07 6+ ? +50"".0 0 .+ 06 1*6."2.* " 20 . 5 1 , " 150 *< 660 06+6 .44 6+ - d
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06 5.4. ,1*:0*6. ,1* - . 06 *60 - *4+, .0 * 0/ 4 08 5.4.0 50 3+. + - 60 -
5+8 0/ 51"1* .0 ,+ - . .*+ - :."06+4 * 8 ,.+ . ,1*,0 " "06 50 0<+8.2 0*6 . -
,+* ,+"+8 9*0 1 6+*. ,1*,0561 ,1*, 05+ 6 ,1 - - 16 8 - + - * - 14+ - 155 4.
1 + - . - 8 3+ 01 ,. + . 40 4.6. 4 ,0 6+ - .+6 4 ,040*4 1,,. 1*0* 3+.0 6. -
0/ 6 - .2.*6 3+14 6. - 0* 6.*3+. - - 5 +40*6 . .4+ - 51 60. 0/,+ .6+ - 0 6 *
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0 6 5 .0,040*6 2+8 3+.6+1 6+2 , * 2+8 09 8 ., 0, ." 6+ * 5 .0,1* 8 :1,0 04 4+ -
40 5.,0 50 + 2 8 5".60.8 5+2" ,. - .*4.6 < 05+"13" 0 * + 2.* 8 .04 2+8 0/,056+8 &
:0 5, . - *,. 6 . 04 6 .,+" "1,1 . $ 160 6.*6 2+8 .63+0 .401 12 0 8 .,,056
6+ * 3+14 ,+ - 6161 12 4 1* 8 60 - 51 0 . .6 - 06 1" 61 ,15 1 +N 45*08 6.
:+"91 4 4 1 6 05 + - 0+ 504+*,+"1 + - 4 90*+8 0 6 * 5.+50 ,+".0 5"02 8 0,0
40*60 .0 6+ .4 5 0.6 1*0 - - 0*6 8 0 + - +5506 "0*6 1" 6. 12 4 1*0 6.6 - 0:.*+0
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< /, 6.61 + - 12" : 1 .*, 6+ - .<1 + - 0" 9 1 "1, 8 3+ 2+8 .2 ""1 4 0 0/6+ 2.6. 0 6
0 6 6+R+ < +50"".* 8 0* .+ 0* 2+8 06 1*6."2.*0* 2+8 " 20 . 424 *.0 +.0
5 1 0 " 1 <+/6. 04 4. *$ 160 6.*6 + - 9 .6 . - .4.50 - 66 6+ < 4 09 .0 - .<0 6.6 8
+24 6 06 5 .0 4 8 - - +*08 40,". .*6+ < 5 ; "09 . 5 8 +. ,1* - .*6+ 60 - 8
3+ .2 ""1 4 0 * 0.40 - 0" 9 1*0 50 0:0 .:0 0 41 - + - 04 0 7 3+0 ,+ - 1 - *
,1* 0 0*6 .0 " 20 6.60 - .*0 0 06 *40 3+1 :0" *6 50 +* :0 + - 09*+ - ,1 - - 0. *4
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21* 8 0 6 6++*6+ 51 6 0 - 1 .44 6+ - .4 60 6 ,. 4. - 6 + - ""1 + - 155 41 +*
1204 0*6 . - +6 .4 4+1 + - * 03+0*6) - .**1 + - 5.6 + - 0/ *9+" 8 + 2 2+8 3+.
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6+ + 6 < 3+ +1 *1 - *0 09.6 5.,.60 155 4.*18 <+4 ,0 3+0 - * * 0 5 8 + 50418 4.
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21, +R - 1 20""1 50 0:0 .*6 2+8 ,.+6+ - 0 6 3+ *60 0. .4 51 60*61 + . 3+."0*
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6 *.6 1*0 12 4 5.0 - 50 6+"0 +*6 +*, 0/ 6+ - 7.2+ 6 20""+ - 71, 3+. 6+ - , : "0
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+50"".0 12 4 1*0 3+.0 09* 616 +8 12+ 06 - 506+ - * 0 ,1*, 6.6+* 50 656
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5"+ 2+8 0/5" ,0 - 06 . *60 1 - . 3+.04. - 40 09*1 5 1 0<+8 1: *4 8 09 2+8 06
5+2" , . .4 - * 6 .6 1*0 3+.*6+ - .4 0 * .6 8 0 6 5.+, 8 5 .0*. 66.*.) "< . ?& +
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.* . - . , $ + " . - . - 5 - .8 %N 1* , .0 4 6 1* 8 20*0 , .6 .8 5 1: *, .8 3+.*
3+. - 06 0. 40 - - 50 + - E0 - .+ ,+ - 2 : *4 , .60 $1"1* . - 40* 3+0 X 5 0
4 4. - . 3+. 616 09*1 *1 - 0* *60 & 6+". - 06 40 . * . - 5"04 6+ %1 6+*
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1 01 + - 06 (+0,1 + - + 3+0 - 608 0/60*4 + 8 " + 15.0.0 (. - .6 .0 5.6 -
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09* ,1 5+8 ,1."+0 +*6 $1"1* . ,+ . $1"0 *1 - 0* 3+14 :1, .2+"+ - 5".* 6 0 * 06\
:0*.6 1*0 - 1* .6 01 3+14 5".) . - .<1 0/ 5. 60 5 1: ", .Q6 :07.6"17 2 8 0/0 U
,0*4 8 1551 6+*. 66 - - .<1 0 - 06 - *5 0* 4 : 4 6+ 06 .2 0, . + 40 . - 7.206
06 6 .*8 40 . - E0 - .* . - 1 - * + - 15.0 5 *: *, . + - - . / - .6* . - 0 4 0
$.**1* .8 .2 1 6+ 67+.* .*8 0 5 , 6K 09 1 0 . / 555 4 8 . , : , 8 06 . 60"" (0 \
3+0*8 "+: 8 , 02 8 9+. M 06 .4 7.0, 90*0 1 . *,@2 " 6.60 .2+74.*8 3+.0 . *1 + -
6+ . - 0 0 ,+ - " 60 8 ,1 <+*9 6 \ 6.3 - 06 09 1 *+ - : <074. + - 9 .6 . 12 "28 .
5 - 1 08 .41"0 ,0*608 , 02 1 ". 08 M5.60 "18 40 0 .*6 06V - ?.9*. - 0,+ 6 414 *.0
,15 . - 06156 - . + - 0 + - + + - 51* - 04 1, 0 - 3+54 "" 8 *,"0 - 076 8 ,14
91 0 40*09.6+ 0/ 50 09 *.6 17 2+8 ,2) 04+* : 41 - + 0 0 +*6 (". ; , . " *9+.
+6+*6+ < +6 06 * E0 - .* . 170 - ("0 06 1 . : . (". : 8 0 1861".* . 515+" 8?
5 1 04. 3+ , , . 66 ".0 + 75 + - 09 8 60* 51 . . ,+.8 &. 4. 1 + * 040 8 5, ,+
5. "0 06 * *60 1 0 - E3 - . * . - : 4 / , . . - . *6+" "0? * 0 - 1 .*6+ ? 2 8 +6
90*+8 , " *9+. 5 15.9.6. 714 0 e*. - ".6 " - 0 50 <0560*6 1*0 - 06 2 0*6 - 5.
6 0 6 0.3+0 5 .060 018 3+184 / & 4.0 . "6 ,1 - . : , * .0 90*608 $1 - 0 .*
+ .6 1/5".* 1 0 3+1 + - *1* 1"+ * < - +/15. 04 06 . - * " .0 ".6 "" - + -

% 6 $ D /) $ / 5 ' 6 % $ 2 5 * # # *
7 . D! $ 5 W! 0 ? : :+"95 R & 5
" -& X ($ $ * ' 7 '] 0 B : //
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M* D D) [

G * ' *50 "+ - ' ? , . ' 06 . - ' G+ *3 0 - 1*6.* ' .4' <$1*6+ - ' 7.2 6.6 608' . 4.* '
' # 1, + c0 : .* < +"09. '2 1E 0* 08' *""; ,1' ." - .6.0' 6" ' . - 1".* ' .,'40* '
3+0' . *67 '+6+*63 ' $1"1* ' 3, ".14+,0', ,.'.**+ - 7 6' 16/ ,, &' ., .'
7 6 . . + ,,50 60'A1.* 7 ' 1 - .0' 040 60' *6 3. 6 .' .5+4' 018' + 2 + - '
E*,"*.' .' ,' 0,72' 5 * 1690*6 8' 4 ,0 *6' ,174 6.<' 06' .' E*R 41' 3 14' * 4+ -
5.6 ." *9 .' 9* ,46 .550"".6. 3+1e' *'01' A1,1' .3+ ". - * ' - 4+ - ' 050 06 0,2+8'
+*40' 5 *, 5 2+8' $4"1* 8' ."2.' .3+ ".'0/5.*48' ." 8 * 9*0'06 . - ' 714 0' - .*06') 28'
. ,* 05 ,15." ' 043' 4004 .6.'0 6' ,7 05 ,05 "8' "09.6+8' 1 - . .0' 04 8' *.6+8' 06' 61 '
6 " 8' 09* $6 - .?8' 7.206+ 'N ,6' +2 6 . 61' 0' : : 8' 090 [7 . - ' - +*X 0' .5+4' $1"1*18'
+*9 6+ ' 09 1' ' 6* 660*4. + - 3+0' .4' 0<A60 18' "09.6 1*+ - ' 4+ "14 0*41 + - ' *"+ - ' 06'
561 - +"9.*41 + - ' ,5 + 6 1 + - ' +8' 7.206' 090 - ' 0"04+ - ' 5 1 *, .6' ., 11"01 - '
" *9 6< 09 R - 3+0' 4 .40 - .' - 51* 6' *' +5 0 - .4' 4 9* 6.6 8' 49*+ - ' +2".6+8' 5 .0'
0 6+ '0 '2.,+"+8 '06' , 2+ - ' + - 56+ 1' 6; - 5.*.' - " 6. .' 5+" .*6+ ' 3+ ' 71*18' 1" ' 09"
' $1"1 .' . .206+7' +"4 *+"".' 51 6' 09 . - ' 5 .260 3+. - ' . ,7 05" ,15." 8' ,0* 06+ <
06.+" , .*. " . 08,<+8 ' 71* . - +" ' +6' ,060 1 + - ' 05 0151 - - ' :1,.*6+ ' $1 60.'
. ,+8 3+ ', ,.'.**+ - ' 7 6' 61,' 09*. 0' , 2 6+ K .,1: . - ' .4' & 6+".0' 5. - '
.04 ,.: 6' *'0.3+0' 09 . - ' 040* ' / 6' $1 60.' $15 0" +8' 07 1 ' 09 1* 8' - 1*6.*.0'
50 6.0 +8;' *' 3+.' 6.'0 6' .,1: .;' 09 + - ' 6 2+*." E*0 *. - ' 06+" 6' " 06' + +8' &". '
4 ".+8' 09 .63', 04' .**+ - ' 3 . , , , / /' .,1& . - ' 6 .* 6*" 6' 3+.0' 06' 05 ",15." ' 040'
06' . ,0' 4' (9 - + "45' ' "+ ,1""0' 2' &.*0"1' ,1* 6 + 6.' - . / - 0' * 9 - 8 0 6< 06' 6 2+8' 15 '
5 4 8,1*6 9 8 .4 - . "05. .' 06' D (v.41 - 1 03+0*6 - .0 6 , 6+ ' .4 - .'
' (6 .41 - 1' 06"*60 "." 0*6 ' f 6+". ' 3+ ' 0,056 8' . - 5" +8' / ":' - .9* 8' "+ - * 2+8' .5+4'
'E04.*+* '+ 20 - '21 0." 8' 1 .0' *12 " " + .*< 06' 0 6 51 + - ' "" 8' "1, 8' ,0"020 - + - '
X*' - . 00/1*0 .64 ' .E .,1& . 05.M .6+ ' . - 5X " - 4' 51*60' *60 <041' .,+"6.60 - '
' + 6 1', 6 1 3+0' ,2 - - 0.*4 '5 .0 6.*60' .4 - .0' ,1*<+*4+8' 0 6' 02 .01 + - ' : ,+8' '
3 0 - ' "" '1" - '5 1* 0+0' ,< *' 7 6 .* 87.2 6.2.*6' 51 60.' 05. .6 - ' +6' 0' .'5"02 8'
' *<+ 8' . 60 060* ' "1,+ - ' 7+*,' - +"6 8' 6*.9* 8' 06' 0"09.*6 2+8' .04 , 8' 0/ 6 +4 8' 1,,+ '
' . - 6 ' $ .060 0.' .,1: .0' 9; **. 6+ - N' 0 6' 06' 671".' .2' f .4 ".1' "' A.90""1*0' * 6 '
266.' *' 3+.' . .670 - .6 , .6+ - ' . 6 + - ' 57 "5 15"+.0 ' 6701 19 .0' .,;+ 8 6+4 .' "1 0*6'
.0' 4100*6+ ' "60 .' $4"1* .0 + 28' 0 6' 8<$1 *.* .' 3+.*6' h . 6.' 0"02 8' "+: +8'
.""+ 6' 51 6' .,1: . - ' 06' +50 2. + - .04 + - ' 5"0*41 0' .,' - .9* ,0*6 .' - 0 , .61 '
. / ?.63 0' 15 , * 1 - 8' 90*0 8' 7+ - 0 1' 06' 1 - * + ' 0 + - ' *1*' 1"+ - ' .4' + 66 - '
f04 06 . - ' .4' "+/+ - ' *0,0"%. . 66)' ,060 .8' .* 0,0""0*8 ' 05 ,15." ' 06' 5' .' 4 9* '
6.60' - 49* ' (0,3*4+ - ' 7.8' I4+.8 '5 - . .8' ' f".4 ".: .' " :0' +<.: .' *+ - 0 .6+ '
3+.*36 . - ' *0,' .04 ,) 8' *03+0 55 2+8' ,+ - ' +6 .3+0' 31) 5. .*4.8' ,+<+8' 05 0$51' .*6M'
5" " *.' - 10,0" 8' +20 6< 70 - 50' 616.' $1 - 0 .* .' 'E04.*+ - ' 5 + - ;' 40' 3+1' - 141'
4Z - +8 ' (+*6' *' 0.' 5 1: 70 .' 5 .060 0.' ." .2' +6208' '255 4.' 3+ 2+8' 06' .2' "" 8' ,19 '
M) 1) 6 *.6 8' 09 $* 2+8' $.".6 * ' 3 18' " * .' 5.6 . f . :14.8' .550"".*6' 3+ .4' - " 6 .0'
4+,08' ,) /0 8' 56.0 , +*6) 6' < 6 3+0$+ 6' 3+ ' . - 5" 1 2+8' 5 1: *, 8' 5 .0 +*6' *. - '
. 60"".* ' .*9+ 6 5 - 6*' 09 1*+ - ' +*6' 5 .0 04 ' 67+.* .' 55"6' $1"1* . - ' 03+ 6+ '
. - 5" 6 . 04' :. 6.' 5 1: *, .' , . - 50 6 8' 5.2+" ' 0 . / ' *4 - 1 1 . 06' 5"+ 2+8' .0 6.6,'
L"1,"8<< 51 63+. - ' * &08' ,1"" 3+.6. 0' +*6' 5."+ 6 8 ' J"+: 18' *12 ""1 08' 7.206 ' . :. - '
"? 2 1*1*0 - ' 06' ?' 0 0 *. - ' ,15 .' 5 0 + - ' * ./ 0' .2+ "4.*60 8' ' 5 .060 0.' f "*. - '
06 f 0" .* ' 3+ ' 4' f "*. - ' 40' ."60 +8' *1 - *0' 4 4. - ' + 20 - ' 616 +8' 5 1; *, .0' * 06 1 '
51" - ' ,1* 6++*6' f 6 2+8' 09 1 '5 1560 ' ,10" ' 91 0 - ' +6' 06' $1"1* . ,. 06' ' 04' 51B
5+".608' 2 <' .63+0' ,0 ; 4. ' 0/' .3+.' 6 6 ,3' ;0" 71 4,1' 06' "+5+"3' ,14. ' 60 - ' - 041*0'
U/' .3+.' - 0"", ' "+5+"53+0' ,1* 042 ' +6+*6+4' . 6.) - ', . 61 - - ' 7. *0" *1 +
I ."5 01"1 + -

I % $ ' b8/ && $' $' . ' $ ' /% ' ' ' G . 6 ' / 5 .'
:/% 7 ' 4 ' ' ' R ' ' ' 8 6 '
! ' $ ' 9' 9' :' :' ' ' /

. 5 01"1 + - '* 9 . + - '06'."2. + - ':+"5 + - ' +51 +* '5.* 7 . + - '+6 1 +*' '
67+. * *'1 - 066' + 15. - '6 .5 - 66+ ' 0 9;7 . " .'217. - 5 1: " , .0'5. 60 - ' E 658' '
1,,+5.*60'< .'3+.'5 .0606' ." .' .* - ." .': +*6+ '06'X+2.6'2 1*6086.+ 1 +6*' 50, 0 '
,1 * 2+8'3+.*413+0' ,'4 4+ 6<8' +6'6 0 8'5 2,0 .0' ".6+ .0' : 18'03 + - ' *60 : ." + - '
, .5 .6' .",08' 60 - ' ,0 : * .'0 9 0' ,1"1 0' 6. - ' "204 *0 - ' 5" *.*60' ,1 * 2+8'
*1** 7 "4" J0 0*6 2+8'5 14+,6'< 3+.0':0"1, <66 - 0' ,+ +76'"04' * 6. '03+'9 .4.
$0"" 2+8'2 1*6 8'06 ." 8'5 .,5.6.6 8' 5'20""1' 6+*6. : - "" 608'<?0.6*0 '06 . - ' *60 ' 40'
" , .6.'12 1* . *+ - 0 .*6' 06'.", *.0'3+ 40 - '+*9+ .0' " ' 6.6 8'6𝕄 - 516 2+8' .2 , *4. '
6+ ' 5 .0 0*6 - + - ' .4:0 +8',1 - 6 ."0 - ' - 1 2+ - ' 0 - 04 + 3'0 04+*6' 21 60'
3+24 . - ' 1 - .'0 '*"0' .2+". *6+,'< 2 - 05'5 1':6*, ' *4 6+ - '3+. ' ' 23* . - '4' , .8'<
3+.0'55 60.'5 - 8' - +6.6 8' " 60 8' 67+.* .' .550"".6.' 6 0 6'. 9+ - 0 '1'0. *' .2+". - '
- . *6'3+34 - +"6.8 .6 .;':1,08' 01 - - ' " *9+' .4 - 6.8' 7.20.6' 12 " 6.8' *' 0.'
- .9*. '06'5 * . .,' 9* 6.6 8 : '< *'3+ 2+8'4+/'N("+007 8' 3+' *, 04 2 " '5 : .6. '
+* .'15+ - ' .55. .6+';0" ." 3+ 2+8'E0 - .5 '06' 6 .0'5 *, 5 2+8'0/.03+. '5160 ' '
60 - ' ' ,.0'4+,08 0/' ""+ 6 " - .'?" .40: " 16+ - ' . - " .'<0/'3+.'(9 - +74+8' 3 '
𝕄9+ 6+8' . 2. . - '"0 6 - . . 10 - * . - ' *' +/1 0 - '4+/ ' ,1". %1 1 05. ' , <+8' * '
' 3+ 6 .'06': 6+60'<+ 8'$1"1*R ' :1* .' . 6+'0 6' 6,+6' +1'"1,1'4 / - +. ' l .9*.'0
? ,". " - .0 G4R 0: , 1 + - ',1 - 6+ * 90*6 8' *606' 67 .*18'06' ." 1 + - '4 9* 6. '
' 0 6') "6 - ' 0560*6 1*." + - ' .4' "".8 5. 608 7 6 .* 8 ., * * 6 .6 +*6, , . . **+ - '
'c' 3 , , / / , ; 05 ,151𝕄f " - R' .2' &". 6 ".1'A.90""1*0'6+*,' * 6 6+61' ,+<+8' + , ,4
1 08'E .0,1 +5' 6 2+8' .44 '4 *'5.6 . ,< . - '43* 6.*6 *154" 6.*+ - '<+6'06' 3/ '
.* ' 1"^ - ' .9*1 ,0*608' 1 - .*1'53*6 4'1260 - 50 . 0' *1"+0 +*6' $ 150& "*. - '
%.6. 90*8' (, ;67 , .' +5 .;&. , . - ' . - *0 - ' .9 1(' ,1"+*6' .S - 06.*.0'"+50 6 6 1*'
.44 6' '3+18' ; 61"4+8' .**3𝕄 ." 8' , 5 , , , / : ' [- 04 .' (;67 .' .246+ 618' ,+66'
+/1 2+8'06'" 206 *'7 04 .' 67+.* .' ,2""G, .: 6' ' + 8' 09 2+8' : :**6 l4' 0 '.03+3'
,+ - ' 67+. * 8' - .9* '5 *, 5 ^ - 50 + - ' .9*2 ,+*6' 03 + - 3+0' 150 .' , /' *' 0""1'
+6' ,1* +0: 6' + - ' ,060 '%.6. 8' ,1*6 *++ - ' - .9 8'3+. - ' * 0 6+ - '23""+ - '90 +*6
$1"1* ' 3+ 550'A '$141" . - 𝕄 6' +"3: 0' 0 0'0/,+ 0*6 2+8' 06' 71,'3+ 4, 3
.**1 *' 0 8'$.<07." 2+8 l', 1 1 , ,'0/' 8 ' . , .'06' (,1C.'4+, 2*8 .4 . .* .'+ 3 X'
. ,0 - '5 59 0" ' 3*6'< & , "3+0' ." 3+16'065 .04 8' , ,+ - <. ,0*6 2+8' +, ,0 6 68𝕄4+ - '
3*+ 6 '5;.04.' 0:0 6+*6+ ' .' . - " . ' +,C. , '5 .0"04'9 . - 0*0,0* 84 15 *.6
? 0 +56 1*0' , E+ - :0* '" *6' .,'6 +, 4.6 1" 8' 0,056 8' 67 .7 .0'5 7, 508' .9* '
+48'6 6+"+ - '+ + 5.2.*6'*1*' .2' - 50 .61 2+8', *,0" + - ' 04 +6' 1 61 + - ?5 * '
0 508'5"+ + - '4+,+ - '6 6 1* 2+8' *'+*+ - ' ,2."0 ,0*6 2+8'7.*,'5 .0 19.6 : . - ' 2 '5 '
;.6.' .+ 61 6.60) - 5 0 +*6<' 6.𝕄06 67+.*18'4+,08' 04 "0' :0 2' - "0' 6' < 060 +*'
*60' - *18 67+. * .0'4+,08'5 .0 6.*6 " - +8' + 6 'A390)1'*"E04 - - 1'90*586 4
'1' 70*8' "9 4' "1 ' 3+' .2 19.6 8' 90*6 " + - ' +50 6 6 1* 2+8'5 - +8' 7 6 .71 +6 6'
$., 8' * 6 .6+8'0 6' f ".4 ". '*1 - *0' ., ,0561' 06' 09 * . - ' 04Z 90*' +41: 4) +*9.?N'
.0'06$1"1* .0 ,9 8) . - 3+. - '$1"1*' 09 1'4 .40 - .602 * .;06+*6 +/1 0 - '4+/ 6
? ,6'426."0' 09*+ - '0+ - '+/1 ' . , ,05 6' .**1'$. *68' , , / / , : ' .63+0' - '5. 0 *'AN '
1* 8* - * 2+8'6. *'5 .0,". '20*0 4' 0 0 06'9 .6 . - ' 51 6' ,2* + - - .6+ - ?,+ - ' 0'
9 * .' 1*<+9 + - ' 67+.* . - '1 - *0 - ' ,+ - ' l . - 19 6 . '06' , .' 2/1 .* .0'5. 60' 3+.0''
*' 4 6 1*0'0< 3'06.6 $1"5* .0' 09*1'<+ 0 0 - 5 6, *3' .4<+*/ 6 '06' 09 2+8' 61"5 - 8' 12
' *1/ . - ' 0, 6 'lp' 2' 01' 6 58' ;09+ .'$5"1* .0'5 15 .6.'0 6' 3+.0' *' (9 - +*4+ -
> #

' ' > ?6+@3' >A &' B' (&&7' 6 , ' 6 /#2
'a " ! $' 𝕄<' /$' ' " !$

é ' ' '𝕄'5 Y' :17 .*' .' 21*04 ^ - ;' .𝕄 ., 0'408' A.9 ""178' .'4+ (' - '$1"19*0' '
:0 - " +8' , 04' ;60 6 3+. ' * . - ' ' *' ./ 8' 0""0' E1 - - 0* .' 𝕄.* > pnT' ^ X1 6' .*' 'qN?
&' ., " 8' 0 6'"++6.6 1 ' 3/ '3/ / ' 4 .*6' ' 6(.66 U+6 6

69+ 6+ - . *1 ? +50 1 0 40 + * 4+ - 40 R 67+ . * .0 1/1". * . 09 1 +20 6 L
3+14 *1 - 0* 6. - 0* ".6 +8 5.606 46 +6 *1 - 0* 5 + - 5 .0 0 6 4 "0 - * .6. - 90*60 -
9* , . *8 3+ +3+ 4 60 . + - 0 6 *60 - . 0 ."6 ,+ - 06 :1* . - (+0, . - ,0.
*+ - 9"., ."0 - ; 49 . - 3+ ? 7.1714 0 .550"".6+ .016 * 5."+40 - $1*6+*
+/ *+ - - 1*608 (. - .6 ,18 $5"1* . - 67+ . * . * 06 (. - 19 6 . - 01 - 5A04 6+ ?
* 4+. 3+0 09 1708 4 : 4 6+ 3+. + - ."60 . . 5.67 18 - 1* 08 *1* "1490 . . ,1
: . .66 9 6 06 0,+*4+ - .% ; . - .4? h .".,71 + - *0 8 .63+0 0/ ."60 . 5. 60 1
; 670*0 - 06 $1*6+ - +/ *+ - 51 9 6+ 6+ * .4 *6 .< - 3+0 , / . , "+* * 8 5. -
:0 9 6 06 . % . * . + 15. , 06 " .0 " - 60 .4 6 . , . *+ - *12 "0 0 - 51 + - * , 60
L 1 0 &1"9.0 5. .4 0<+8 0 0 1 6 . +2 . 04 8 $0 "8 - 0* 8 I , ;67 8 06 1 ,"8
*+*4 * .0 00"02 .*6+ 50 : . 6. 60 . + - 5.6 . 0/60*4 6 *40 &1"9. *1* - .9*1
*60 @0 61 5.6 1 * 6. - 18 , *4 6+ 5"+ - 8 * +" 8 .4 8 616 40 - 3+0 50 1 6 .
* . : 9.2 " . . - . 0 ; , . *+ - :0 . 5 + - 0:1": 6+ 6 7.003+ 40 * 1/5". * .
3+.0 +"6 . 1 ; 6 60*0 - .4 $0 . + - + 3+0 *0 8 0/60*4 6+ - .9*1 1 ,1: .0 4+,
54 06 7.0, 33. * 09 - :1, . - +8 0151" 0* +2" *0* 0" 0* *0, *1*
$141" .0 &1"7 * .0 0S 1: .0 , . "" .0 06 $14". ,7 .0 09 1* 2+8 ,1 - 5 07, *4 6+
140 - <+ 0 3+1 67+ . * . .63+0 .4,1 ,+ - 67+ . * . * 09* $1"1* , 4 6 1*0 -
,1* ,0 " 6 " ,+6 06 (. - 19 6 . 3+ .0 +607 806 ;1* 8 *60 - 04 . ,+ - 67+ . * .
01*6 9+. 0 6 0 . / + - 0*6 06 "09+ - *+ - ": 8 06 *0 - 1 2+8 . - 10* 6 - 8 0/1
* .6. 04 *+"". ,0"02 20 .+6 ""+ 6 155 41 * 9* 8 2; . .+60 . 414 """ *
+* 06 1 6 6 - 1 + * : 1 + - 10 +*4 " - . ,+ - . *60. ,1 - * .+* 626 +8 $1"1*<.4
*1 - *0 ,0* 0 06+ 6+* , 5 - + - 50,+" . 0 - .4056. 0 6 .550"".6 1*0 - ,+ - ? . ".+8?
:0 . 18 0, ". $561*1 + - 09 8 51, "".62 , , . .**+ - 7 , 1 / / & .
40*60 20 " 8 , : " 2+8 09*1 - 1 6+1 090\ 5 1: *,".0 41 - * .6 1*0 - * : . 6 0. - 3+,
40 +1 *1 - *0 . "2: . - :1, . : 6 :0 + - . . - 1 4, *,T58 +7. ,+ - $ +60* 48
4+/ " . 2+8 : 4"+8 06 6.*40 - 06 . - +55" , 1 . 04+8 : 6. - ,+ - 5 * , 5.6+ . - 6
1 - 0 6. - 0* 0 - 0" 09 1* *4 6+ - .2 01 60 - 51< 0 7. * 6 3+. - 8 5 4: * , . .4
. "5" " - 09* ,1 5I+8 0:0 . & 6 4. .6: .069_ +91 9.61 < 06 + 18 3+18
06 6+ 18 5.6 . " *9+. : . , . *6 21+ * ":0 6 + - 907+8 * 9 + - I 1".5 14+, , 06 1B
51" 8 0<+8 0 6 h . . : . .4 & 6+". - ,+ " 9401 *90*6 51*60 ,1*<+*9 6+ +2 12 "1,
1551 6+* 6.60 - ,1 - - . 09* 00"02 .*6+ (0,+*4+ - 0. * $"1 ,1: 4 9* 6. 0 56.0
, 5+. 0 6 +6* .3+0 05 ,45." 8 , : 6.8 $ + " . :0 1 + 6 . 06 :1* . +50 +*6 . - g
5" " - .0 5 1: * , .0 09 $1"1* , 20*0 , . .0 40 3 + 2+8 ,+ - +50 1 2+8 " 2 8
3) . " 6 1*0 "" 4 6 1*0 - $1"1* , . - ,1*,0 "0 +*6 .2+*40 4 /0 - +8 *1* 0 6 3+1,<
?0. +6640 - 0 + - 050 6 4*0 "041 - 1"0 6 " - +8 I
) 4 % T .5+4 <1"1*18 + - - .5160 6.850*08+6 + - + 6< "3+0 0,7+8 - 0 - 4
+ 40 3+5 ?4 / - +8 3+1 +2".65 5 * , 5 8 +* +8 - 50 + - 50 6.0 . 90*8 / 0/
<1 - * 5 1,0 + - *+ - 0 5 " 2 4+,08 0+ 5.".6 *18 , 0. : 6 3+ 2+8 0 + - - . - +*
:0 .0 0 5+2" , .0 ,1 - - " 6 .4 - * 6< .6 4*0 . (04 + +8 .4 +*+ - 40 .6. 5160 6. [
, 6 " 3+ . , +8 + 6 . ,1: .0 ,1 4<X1 , , . .7*+ - 7 6 5 $, +<+8 6 50 0/ \
6 * . $.".6 * + +8 0 - 5+2" , . - 90 "0 +*6 41*00 $ - ".+8 71 - 1 5"020 +8 &0,
. 6+61 *90* 1 06 : 6666 +5 . * .6. "0 8 ,3 - 06 ,<"60 0 - .4:0 +8 +79. 1 890 "%0I6
. **1 . 0,+" * 03+0*6 8 1 - * + - + .9 8 5 * ,058 , 0.6+8 0 6 3+0 - . " .63+0
." "1*9R 60 - 51 + - 0 0 5 * , 508 0,+6 +*6 + 3+0 .4 1"0 ". + - 3+ .2 671*0
"" 6.0 . 0 05 4 .61 +, 8 *1 - *0 3+1 - .<1 08 + ,1*60*6 : /0 .*6 * , : 6.6, ?
E*0 *0* 0/ 1, 18 06 . - ,+8 1 - . * - 50 .550"".6+8 0 6 . **1 7 6 , .
3+14 ,+ - " , ,0 4 08\4 + 0 : . "0*6 01 6. *40 - 1"0 ". 8 52 6 5.6 .6. - (6. * ".

?% $? ! &- ^ ? =N !) .# \ 1* * "0*1 - *0 B '4Y 5 i
&5 ' 0 5 % # T+% .# . 4 5U %
%\ I I. * ' q 0 , .61 5+6. (19+ . 0%0 ;5. * - (, ;67 .0 + 15

,5 ,15' *0,0-'5 :.6+8 0 6' 3+14'6.-0*' .0,+"8' .A 3+16' 40 *,058' $ - ". 8' 0'
+-5 6 '0/'*12"6.6 8',1* "1'.'A.,121'. ,7 05 ,151'E 0 70* 6' 09 1'4 .40-.60'.'
9 6+8'.**1', 1,,/,;' 2'01' 09+-'*1-0*' -.* 6'06' 4 9* 6.8' 09.' 04',+-'
-140 .61' 5160*6 .0' 60-50 .-0*61'' *.-'3+.-: 8' 5 *,058' +5 0-.-'5160 6.60-'
7.20.6'-./ -.'6.-0*'.+ 61 6.8' 0-.*06 50*08' 09*' 0*.6+- 3+'0/'*12"" 6.60',1*'
6.6' 5"020'.2'+* :0 .' 0 5+2",.0'5 1,+ .6 1*0' -* *1' +--16.' '6.'+6' 156 -.6+-'
:0"+6'.+ 61 6.8' 09 1' -50 1' 09.': , " -'5160 6.8' 0*.6+8' 06' 03+0 6 +-': 1 +-'
"20 6.60' 60-50 06+ ' ,' 0 0'+6'.-5" 6 -+-' ""+4' -50 +-' 09 1' 5"0*41 0' 0B
+"90*6' 06' 09.' -01' 5160 6.8' 3+.0' 5"0 +-3+0'.4 "2 4 *0- 06' * .* .-':0 90*8'
,+- ,+*..'" ,0*6' -*+-' ,0"0 +-'06' *<+ 6 6 .0' 0- *. +-'0 6' .5 0*6 - 8' 0'
* .61 +-'06' *12"6.6 8'.* -.4:0 1* 2+8' *6 .' .03+ 6.6 8' 60 - 18',1*6 *0.6+ ' 6.'
3+0',+-'.5+4'." 18' 3+ ,3+ 4' 09 2+8' 5".,+ 6' "09 8' 7.20.6' : 91 0- '70,' *1*' -141'
*+"".-' *0' 0*.6+8',1* " 1' 06' *12"6.6 8'. 60* +' 0 6' "090-' 04' 06' "09 2+8' 09*' 5 0'
1260-50 . 0' +206+' *6 04 2 "8' 6.-0*' 0 6' 09+-' *' $1"1* .' -.<0 6.8'.,' +24 61'
+*.'0 9.'018',+"6+8',+-'0/'5 .0 , 561' "093-' 09*. 0'<+4 ,.*6+ ' G+14'0* -'5 .0'
, 5++-'0 6' +--.'0 6'<+ 8' 4 ,0*4'50*08' 018' 5160 6.8''06 3+.*3+.-'* 7 "' *'3+0-: 8'
*0' 5+2",'<+4 , '.+ 61 6.60' 6.6+.*6'.,0 2 +8' U',1*41*.*4'6.-0*' -+"4.8' 06' .2'
"09 2+8' 5.6 .6.'*0,0' 9 .6 .-' ., 0*4'<+8' 7.20*6' $1 "+*6' 06'.4' 050*6 *18' 0 5+2",.0'
-16+8' + 90*60' 50 ,+"1'+* :0 .-'*12"6.60-' 9*1'4.61'.4'. -.':1,. 0'06' +0*'
6 2+871 6 2+8' +2':0/ "" 8' 1551*0 0'-0 ,0*. +-'- "60-,1* , 20 0', 0.60' - "'
6 .0' -.9 6 18' 0/0 , 6+-' 0/.- 61 . 0' 06' *' - "6. +-' .*4 1*+-': 1".61 08'.*'
-.4:0 60 0' (04'516 -.'01 +-' *', 0.*4 8' -.9 6 .6 2+8' 06' 71*1 2+8'.,'4 9* 6.'
6 2+8' *'018' 3+18' 4 9*18',0* +0 *6',1* 0 0*4 8' .,+"6.8' 504.6+' .-'. ,7 05 '
,1518' 05 ,1518',10*12 . ,7.8'0,,"0 .--'5 - ,0 18' 4 ,+*6' 5.".6 *18',. 60"" ?'
18'-. 0 ,.""18',.,0"". 18 '670".+ . 18' 3+' +*6' 09*' 0*.61 08' 0/' . 2 6 1' +!A'
., +*6' 9+20 *.61 08' 06' 3+18',.5 6.*018' :1,.*6',060 1 3+0' 09 1*+-'<+4 ,08'.,'
-.9 6 .6+8' *' *9+" 8' 5 .0 , +*6' 5 1: *, 8' 0, 06. 18' +55",-*'" 20""1 +-'-.B
9 6 18'.,' 0" 3+.-',+ ." +-'- * 6 1--'6+ 2.-', 0.*6'<5"020 18' 71- *08' 5 1560'
09 09 .'20""1' 065. 0' 0 9.' 0-5+2",.-'-0 6.'<+ 0' *12"6.6 8' 1 *.*6<,. 60"". 5.918'?
: ,1"3+0' 09."0 8'; 8' 40' 0'.,' 09*1' 20*0' -0 6 8+60*418',1*,04+*6'<5 1 , 561 +-'
' ,6 *0' "09 6 - 8' 70 04 2+8' 40,040*6 +-'.9 18' *12"2+8': 8' *50 506++-'41*.*6' 6'
1-*08' 40-+-'"09.6 1*0('"0908'" 60 .0'4 5"1-.6.'5 : "09 .'06'+* :0 .' 1040 +-'
*4+4. +-'06' 20""1 +-'*0916 .' 09 1'*1- *0',1* , +*6+ '.,' 09 8' 9 "" 8' -.*'
6+'' 6.'6.-0*'+6' *' 8' -./ -.-'.+41 6.60-'616.' 09*'+* :0 6.8' 7.20.6' 4' 7.0,'? '
.,,04+*6' 1508' *1*'-04 1, 08' .-'.-5" " -+-' 09+-'0 6' 6161' 09*1' 5.6 -1'
* + .'51 61 .'0/'-0 ,.6+ .',1-5"+ .'-.9*.'3 +13+0' 50,+* .0': 8' 0/' 14 * 8' ." 8'
05 1 +*4 " - 860 .0':0* 8 . 1*.6+ 20*0 , 1'6.*3+.-'0' ./1' 0 +6' 3+16.** 8'
*.0 . +-' * 0 6+ '3+."08' +*6'.5+4# 1,7*.-06;0" ,.-' *' .6 .5 . .,1: 0*'
.5+4" ."4.-'G1"1-0 .-' (."+-'06'." 85") 2+8, 1/1".7 .0"1, 8' 5 .060 0.'
*'40 0 6 8' $141 .0'.4' ' 1 ; 670*0-'"1, 8'"., 6' 0 6 ,+<+8' .3+.' 0 0*1' 06'. 40*60' 1 0'
' 1" 4+' 40-',1*, 0 , 6' 6.'+6' 71- *08',+-'<+-0*6 8' 06',+ 2+8' *'01'6.*3+.-'
*'9".,0':0 0*6+ ' 04+-3+0' *' +6.'. 2 6 . +' +1'.:07.*6' (04': "6.8'.**1*.0'
,6' *12"6.6 8' --+* 6.608'.,' ., ' 4 * 8' *5 - 8' *',.+ .' +*6' +6'.-5" "" *'
09* <'3+.-': , *1 +-' ,0* +8' 6' 607+ 1 ' *.-' *12"6.8' +* :0 .'1-* 2+8' 1"+6.'
:04 9." 2+8' 24",.'6.*6+--141'-+*0 .'5 :.6 812 0' 6 50*4 8' 60*06+ ' 43+0' *1*'
* '.4' 5 15+"".*4.-'71 6 +-'; -' *6 .'(.6-.6 4' 09*' *48'*.-' '.4' * 0 0*4+-'
0/60 8

& % '? 6.-0*' 06' 50,+*R .8 06',.5 6."0 8 510*.8 "09 2+8 * "4.8',1*41*.*4'<+8' 7.20*6

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" " " " 0 60 8 90*6 2+8 20""6 - ˢ0/6 .ˢ$1"1* . - ˢ5 1 , , ˢ<+20. *6+ ˢ *9+" 8 60 * 8 60* 2+8
ˢ ˢ 3+ *18 . + 018 *+ - - 28 6 50*4 + - ˢ *ˢ7. 6. - ˢ. , 45 + *6 ˢ 6.ˢ . , 1ˢ 4 *0ˢ06 *12 " 6.60
.2ˢ1 - * ˢ170 0ˢ - - + * <, 1"1* ˢ03+0 6 + - ˢ71 - *+ - ˢ 0*18 *ˢ *9+". ˢ<+90 .ˢ0 , 60 ˢ
1" 418 ˢ .9*1 ,0*4 .0ˢ 09 .0ˢ5260 6.6 ˢ50*4+* ˢ 09 .ˢ 60 - ˢ5"028 - 1406.6+ - ˢ:0 6 9."
0/ 1"; 6ˢ *60 4+ - ˢ 09 2+8 ˢ0/ˢ. - 5" - ˢ 4 * 8 0*6076 . ˢ" ,06 ˢ+* :0 8 * ˢ ˢ
4 6 2+8 6 2+6+ - ˢ - 50 . 0ˢ *ˢ,1 * - + *0 8 06 5+2" ,18 09* ˢ" +8 ˢ%. - ˢ0/ 9+4 .0 . 1ˢ
**+ - 0 .2 " 8 ˢ 06 3+ ˢ,060 1 + - ˢ 7 6 . * ˢ 1 2 8 5 *, 5+ - ˢ 1508 +50 .6 ˢ03+ 6.6+8
0/ˢ* " 60 :1"+ *6. 1ˢ.5+4 018 , * , 6+ ˢ . - ˢ 0/ˢ 0/ˢ 1" 8 *12 " 2+8 ˢ3 ˢ5 : .6 8
+ - 56 2+8 09*1ˢ - R6. 0ˢ. 6 4 ˢ + *6 ˢ,0*6+ - ˢ3+ *3+ .9 *6.ˢ - AA .ˢ9 . : 1 8 06 "0: 1 8
ˢ. - .6+ .0ˢ - " 6+ - ˢ,190 0 ˢ06 *ˢ. , 0 - ˢ ˢ*0,0""6.8 0 .6 ˢ ˢ # 1$ (0, + *4+ - ˢ
090 - ˢ - . / - .ˢ0 6 06 .+9+ 6 6 - .ˢ 0* .6+8 .+41 6.8 < .4 3+0 *ˢ.4 - 66+ *6+ ˢE*0 *0*" 8
06.ˢ 0151" 0* 8 . ,7 05 ,15 ˢ 06 : ˢ05 ,15 8 3+1ˢ **+ - 0 1 1 + " .0ˢ 05 ,15 ˢ
"1*ˢ,0* 0*6+ ˢ 51 6 018 1 4 *0ˢ:0* + *6 5.".6 * ˢ*+ - 0 1ˢ / ˢ+6 50*08 3+18 1" - ˢ
+2".6 8 09 2+8 + - - .ˢ 0 <A+2" , .0ˢ.4 - * 6 .6 1ˢ2 8 +0 6 ˢ 06 +"6 - ˢ, . 60"". * ˢ / : ˢ
."60 ˢ +18 . , 1 : 0* 8 5.".6 *+8 ˢ:060 ˢ5 .0 19.6 : . ˢ5.".6 *08 1 - *0 8 06 4 9* 6.60
06 *ˢ 4 ,0*4.ˢ 0*60* .? . *60 6 ˢ (+ *6 06 ." ˢ 3+18 09* ˢ1 , ."0 8 :1, . *6 ˢ 5+6.ˢ - . ˢ
0 , ."" ˢ ˢ ˢ $1"1* .0ˢ 06 67+. * .0ˢ< , . *,0"". ˢ 60 - ˢ ˢ 06 616 40 - ˢ5 1, . *,0"". ˢ<
3+1 + - ˢ "" ˢ. - 2. + - ˢ* .6 1*+ - ˢ 9 "".ˢ - .<1 . ˢ7 ˢ - *1 .ˢ 0 : . *6< +* - +8 0, 06. ˢ
+8 ˢ 06 ˢ" 20""1 + - ˢ +55" ,+ - ˢ - .9 6 ˢ 3+ +24 61 + - ˢ3+0 0".8 .4 090 - ˢ40 0 ˢ
+ *6 ˢ 6.ˢ*+ - 0 +8 1 - * + - ˢUˢ/ , : ˢ,1* , 6 < 3+1 + - ˢ." ˢ - .<1 8ˢ." ˢ - *1 08 ˢ
,1* " . ˢ.550"". *6+ ˢ 3+ 2+8 06 (9 " - + *4+8 +9+ 6+8 ˢ." 18 0,0*60 ˢ.4<0, 6 ˢ (0?
* .61 08 .ˢ 090ˢ *ˢ,1*, " + - ˢ&1, . *6+ ˢ5 .0"0*608 3+ 40 - ˢ3+16 08 15+8 0 6 ˢ .2 0*608
*1*ˢ* ˢ<+ 6.8 12ˢ, .+ .8ˢ+6 ˢ,1 - 6 1 + .ˢ60 - 5+8 *, 4 6 ˢ.+6 *+56 . + - ˢ5 *, 5 8
.+6 " 20 1 + - ˢ0<+8 ,0"02 . *4. + - ˢ, .+ .ˢ .+6 ,+ - ˢ3+ 8 1, +8 .+6 09*1ˢ12*1/ +8 4 - 6
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" , .0ˢ" 20 6.6 8 06 5 15.9. *4 ˢ 09* ˢ :1"+ *6.8 ˢ 06 ˢ, + - ˢ40" 20 . *6 ˢ" 20 ,ˢ06 .05 +8
. ,0 - 0ˢ 0*60*6 .8 4 ,+ *6 ˢ5 *, 50 - ˢ - 5 +40*6 +8 09*. *60 - ˢ12<+ 9. *6 ˢ .63+0ˢ
+ *1ˢ,1* 0* +ˢ06 *,1 +561ˢ<+4 , 1ˢ . *4 " - .ˢ - .<1 + - ˢ * 6 6+6.ˢ06 +* :0 .8 ,1 - B
- + * 8 5.6 .0ˢ"0908 * +50 .2 "0 8 40 0*4+ *6 ˢ3+ 550 0/ˢ5 .0, 5+.ˢ616 +8 09* ˢ*12 " B
6.60ˢ90*0 8 06 : 6+6+ - ˢ,1 - - 0*4.6 1*0ˢ40"04 ˢ06 0/ .41ˢ 40 ˢ . , . - 0*61ˢ *ˢ 0* .6+ - ˢ
1156.6 " 8 3+13+0ˢ + - - +8 71*18 .ˢ5 *, 50 7 .206+ ˢ 5. - ˢ06 :0* 0*6 2+8 .4 0ˢ
, .5+6 .50 0ˢ + - - .ˢ, + - ˢ1 8 +. : 6.60ˢ06 *ˢ5 1/ - 1ˢ 040*4 ˢ5160 6.60 - ˢ . ,0 0ˢ 0/ˢ
,17 +0: 6 ˢ " ˢ + *6 ˢ5 .060 ˢ 0* .61 08 ˢ06 09* ˢ - + *0 + - ˢ, + .61 08 ˢ+6 .0 . ˢ3+ .0 61 ˢ
ˢ 08 ˢ, .5 6. *0 ˢ3+18 :1, . *6 ˢ3+ ˢ +* *ˢ - *1 0ˢ$1"1* .ˢ .ˢ *ˢ - .<1 0ˢ/ / / ˢ *ˢ ."%1 ˢ
: .0ˢ5 *, 5.6+ˢ 5ˢ:0/ "" 0 ˢ5 * 0 * .ˢ4.5 0 ˢ 6 +41 ˢ (5"0*4 4 " - +8 - " 6 .0ˢ
616 +8 09* ˢ4+, 8 *ˢ0/0 , 6+ˢ - .9 6 .6+8 ˢ50*08 3+0 * ˢ+6 5 *, 5 8 : , . + - ˢ *ˢ. , ,ˢ
0ˢ + - - .ˢ 0 406 ˢ516 - + - ˢ0/ ,0"" 6 ? 35. 0ˢ71,ˢ6. *ˢ ""+ 6 ˢ71*1 8 9 .4+ˢ*1*ˢ
* ˢ5 - . ˢ41* . *6+ ˢ 0* .61 08 ˢ 0, + *4+ - ˢ3+0 - ˢ06 ." ˢ20"" ˢ4+,08 ˢ3+18 , . - 50 6 0 8
:1, . *6 ˢ 04ˢ"1*91ˢ5 1/ - ˢ * 0 : ."" 1ˢ*+ - 0 . *6+ ˢ .ˢ. +60 - ˢ +* - .ˢ 0* .61 + - ˢ06
,1*6 .ˢ - 140 .6.ˢ5 *, 5 8 *ˢ$1"1* .ˢ5160 6.8 ˢ0/ˢ01ˢ"1, + - ˢ7.2+ 6 ˢ3+14ˢ3+ ˢ 0 5+2 ˢ
4 , .0ˢ, ". : + - ˢ 60*06 ˢ *1*ˢ* .6+ .0ˢ"09 2+8 ˢ3+0 - .4 - 14+ - ,060 . + - ˢ90 6 + - ˢ 0908 ˢ
4*ˢ5.60 *+ - ˢ06 . : 6+ - ˢ 09*+ - ˢ +, , 4 6 ˢ 04ˢ,1 - - + * 2+8 0* .61 ˢ06 03+0 6 8 1 ˢ
L4 * 8 + 6 .9 8 5+2" , .3+,ˢ616 +8 *32 " 6.6 8 . , , ". - .6 1*0ˢ 0/ˢ0" 9 6+ 06 3+. *3+. - ˢ
+50 1 08 0908 ,1*6 *+ .61ˢ 0 0ˢ60 - 51 + .ˢ,1760/6+ˢ."60 ˢ."60 . - ˢ0/ˢ1140 - ˢ90*0 0ˢ
ˢ0/ ,050 6< 71,ˢ *1*ˢ<+ ˢ70 04 6. 1ˢ3+14ˢ 2ˢ: *4 , 0ˢ5 17 20*6+ ˢ 04ˢ : 6+6 2+8
/ 6ˢ ** .6 8 *12 " 6. ˢ$1"1* .0ˢ 0 9.ˢ 09 . - ˢ5 1"0 - ˢ 6+4 8 . 0 2< 40206 ˢ 3+ .0* .618
V5.60 * .0ˢ: 6+6 8 70 0408 +6+ 18 ,+ - ˢ 2 ˢ50 +.40 06 ˢ3+14ˢ *ˢ5. 0*6 2+8 .4 - . ˢ
2.6+ ˢ71,ˢ40ˢ " 801 + - ˢ 50 . 0ˢ . , "0ˢ516+ 6 ˢ 6.ˢ 6. - 0*ˢ " ˢR ˢ5.60 *+ - ˢ 1 7 -
ˢ +, ,0402. *6

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(,' . $. 61 - - ' 6 58' "1 ' A.90""1*+ - ' . - " .' , ,' , , 60 ' . * * 1 - - ' 5.6 1' *'$1"1* '
1 4 *0' +, ,0 2 1' 09* . : 6' '5 - 8' 09* ' *,+*.2+" 8 ' 71,'0 6' .2' . * *1' 7 6' #'
+ +0' .4' (9 - + *4 ' +9+ 6 '12 6+ - ' *1: 08' *60 09*+ - ' *'$1"1* .' + 6 ' 06' 5 - + - '
3+ 40 - ' 3+. *3+. - ' 12 ,+ 8' 60 6 - 1* 8' *+ - 0 .6+N ' ,+ - ' 40 , 0*60' 0,7 ' 121"0
& 6 - +8' 0+ . ,+8. 4 09*+ - 0"04 1*0:1, .6+80 6 ' 0, +*4+ - 51 6 . , - 1 60 - '
0 ,+6+ - ' 0 6K' 3+1' 60 - 51 0' / ' 5.". 6 * ' 0 - 5+2" , . - ' .4 - * 6 . +*6' 60 6 + - ' + 6 '
,+ - ' 4 0 - 56.' 40' 5 *, 5.6+' 50 ' 03+1 + - ' ,+ + - ' ,1*6 1:0 . ' M 0 ,1* ' * - .0'
1 6 8' <+:0* ' ,056 + - '12 :0* 6' 3+. 6+ - ' 51 6, $15 0"+ - ' " ' 2' + : , .0' .' - + 2+8'
4, :1 .6+ - ' +6' 6 .4+*6' 01 + - ' . * *. "08' 3+. *41' $. 6+8' ""N' + : , 0* 8' 0 : 8' 06' .9 '
,+"61 ' 5 12 6.60' 51""0*8 ' 1 - * + - ' ,1* 0*6 0*6 2+8' :16 8' 5 *, 058' 40 9*. 6+8' 0 6' '
3+ *6+ - '51 6' 0, 6. + - ' * ' 3+. *41' +/1 ' 0<+8' 12' < 09*66 - ' 50 :0 0' .4 - * 6 - 6+ - ' .'
$1"1* 8' - 50 + - ' 10 - *0+ - ' 0/1 8' . - 1' 06 . - ' 7, 040' * *1, +1' 0/, "+ < 5+" .'
0 6' 0/6+ - ' ,+ - ' 51 6' $ - ". + - ' .2' 671*0' . *91' 06' . *402+ 9 , 8' 1, , + -
h 0*, 0 ". 1' 170 - .0' 09 ' + - - .' 40". 6.' 0 6' 056 - + - ' 51 6' . - '&". 4 ". ' " '
- 1 60 - ' ,+ - +41: ,+8' +*9. . ,' 0/$1"1*1 + - ' + .9 8' .4' 09*+ - ' :1, .6+8' + 6 '
14. :+ - ' 40* 3+0 ' 3+. *41 ' 51 6 +41: , ' - 1 60 - ' A.90""1' 67+. *+8' 09* ' 9+20 *. '
,+".' + ,05 6' ' ,+<+8' 5 190* 0' *' (9 - + *41' +9+ 61' 40 , 0*60 ' 08' 51 6 0 - 1' .4' - '
60 09*+ - ' . * *1' +50 1 0' 04 6' V'
? ' <+ 8 ' 1 2 6. 8 ' 06 . - ' . *603+. - ' - 1 0 06+ ' - +"618' .4' . - 2 0*4+ - ' ,9*+ - '
*: 6. :, .6K' 06' . / - " . *+ - ' .0 . 0 - ' 1 1 + - ' 0<+8' *5 - 8' 3+ ' 09*+ - ' 30 61'
"1' 50602. 6' <' +6' 06' A1. * *08' (+0, .0' 0/' (9 - + *41' 6 40 - ' " 1 ' 5+0 1' 6+*, ' : /' 1 6. I'
:+ - ' . * *+ - ' 09 0 "2 ' 3+ ' 51 60. ' 04' ." 3+16' . * * 8' 0". 5 8' ""+4' . 4056+8' 0 6' - 2 02. 6'
06' ""+4' 09*+ - ' A1. * *08' . " ' " +8' + 62 + - ' 5 *, 058' . 6+6 .' 06' - - . * 6. 60' 6. *6+* '
* 9* 8' 18' 3+13+0' 0. 40 - ' . - 2 6+8' 5 + 91' 606 90 .6' * 6 9. 6+' A1. * * 8' 1*"+, '
05 ,15 '&. "0*6 * ' 3+ ' 09 * .0' 5. 0*6' ; . 6' . * - ' 10 - * .0' . G6' +0 .6' +6' *4 + .'
4+, 0 - ' " + - ' $1"1* 8' 5 151*0 06' 0. - 3+0 ' 12' , . + . - ' 5 0' +50 <1 0' . * *1' *' $1" - '
* . - ' ,+ - ' . - 5" - 8' - . *4. 6 8' - "+8' +0 .6' 1* * ' 12'"+ 8' 50 ' 7; 0 - 0 - ' 616. ' 0. ' 0 '
9 1*0' 9 . ". *6 8' 50 ,+"+ - ' +2 60 0', 1. 4+8 ' $ .060 ' 018', 1 - 506 61 08' *60 ' $1"1* 18'
5160*8' 0 .6' 01 + - ' .4 1 ' 3+ ' 090 - ' 0' +1 ' 1 4 *0' 0" 9' 0 5+2" , .0' *60 0 "0' 0/ 6 ?'
- . *608' *' 4' 616 8' 6+4 8' *, + - 202. *6' +6' 0/60 * ' 5 *, 508' .' 09* ' 506 6 1*0' + - - 1 '
&0 0*6+ ' 0+ - ' . +60 - ' 6090 - ' $. 6+ - ' :1, .2. *6 ' <+, + 4.' "" +8' $. 6' 0*1: .6.' - 0 '
- 1 . ' 3+ ' ,+ - ' 51 60 6. 60' +.' ,1 - 5"+ 08' . * *18' .5+4' 5 18' 0" , " - 0' 09* . : 6' 6'
' 5 1 08' 3+ 40 - ' 4 18' 5 1/ - 6. 8' . ,' : , * .' 02+8' 09* ' 1551 6+*. ' ,1 - - 0*4. 2. *6' '
04' 7+ ,' * - .' . 06. 8 ' " + - ' 06 ' .4+"6 1 '6. - 0*' + +' 06' 0/50 ,*6 . ' *1*4+ - ' 0 5+2B
" , .0' .4 - * 6 . *4.0' 41*0. ' 0/, "+402. 6' 1 ,1: 6. - ' 06' *:060 .6+ - ' 90*6 8' 14 + - '
,6' 0" 9 1* 8' 4 :0 6. 8 ' 6+ *' + 504. %+ , 8' 5160*6 . ' 3+1 + - ' 06' *' 0. ' 0"04 1*0' 6. 6 1 '
*0 - ' 2' 7. 20*4. - ' 5 +40*6 1 08' $1"1* ' 0/ 6 - . 2. *6' 1 - * *1' 0 - 1:02. *6' G+. 0'
+"6 - .' .6 1' 06 . - ' *0 61 ' 3+1' - *+8' . , , 50 06+ ' *1*' - 04 1, 60 ' *1, +<6' 0$. 65'
, 0. *41' 06 ' - . <1 ' 06' - 0" 1 ' 5. c. 0*6 02. 6+ ' 6. - 0*' *' 50 1* .' 0" 90*4. ' 12' .0 - + '
A. 6 1*08' ,6' 0" 9 1* 8' .4' 09* ' .4 1*08' . , 040*8' 4 4 + - ' *+*3+. - ' ,1 - 6 .' ,1* '
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6 1*+-.2 8 7.2 6. +-0/0-5". ./// 616 0* - +*6 5 1: *, .0 0+5.".6 *.6+8
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.+41 6.60 - 0,,"0 . 6 ,. - 6+0.6+ " 3+. 0:0 . 06 09* - 4. - 0*6. ,1"".2 *0,0 "0
" 6 3+14 0/ - .9*. 01 + - 5 +40*6 . 06 .03+.* - 6.60 * 7., 40 + - - . 0 + - ,1*
+"6.6 1*0 50 06 + - 561 0/ 01 .+9+ 1 3+14 ,+ - * " 20 1 09*1 *.6 090 6. - 4 4
. +0 *6 " "0*6 2+8 09 8 - 1 60 "09 2+8 1 - *08 6. - 0* 0/ "090 : /0 *6 06 +. ,+ 3+0
;1"+*6.8 6+4 + - 06 * 5.6 . - ,7. 6.85 1 "090 +0 6 .401 +6 * 616 *12 " + - 06
- "6. + - 71 - *+ - - "" 2+8 *+)+8 6+ - +"6+8 *+"". : 8 *+ ".0 04 6 1*+ - 6+ 2.0
0/6 60 *6 ,. - .* - 1 + - 6 .*3+ "" 6.60 - 06 ,1* 0* 1*0 - .60 , 50 - +6 0. * *
090 - 0" 9.*6 3+ 0.*40 - * 0" 9 1*0 5.,0 - 06 +* 1*0*< 0406+ 06 7 6 0/0 -
5"+ - . 5 .0,056+ - . - 5"04.6+ 3+ 0 6 5./ *1 6 . 3+ ., 6 +6 .3+0 +*4 - 50 , +
,0 - *50 , 0*8 * - , 6 .8 * 0 *06 5 1 06 4 " 40*6, 8 0,1*, " .6 * +*1 ,1 51 .
01 +6 5 1,,+ . - +8 1 - *08 * +* 6.60 40 06 .9366 1*0 J " 0 06 50 5 + - 7.
20. - +8 .,,0 "+ - * +*1 (5 6+ .4 $.660 * $14 0 - ,3++6+8 0 6 .0 . 0+8 1 .616
h) "0" - +8) " * 8 1 0 - 20 9+8 +5 0 - +8 170 - .0 2+ 9 .: +8 : 50 ""+ 6 8 06
0 +4 6+8 045. + - :070 - 0*8 + , ,1 - 08 * . ,.*1 .44 6+8 +0 .6 *4 0.8 +4
+8 "09.6 1* 8 +6 3+0 5 *,058 +6+ +8 6 +6 * 5 6 *. .5+4 .0 . 0 - 9 .6 . , *
- .<1 + - 0" 9 1*0 50 0:0 ." 06 ' . 3). ,+ - "+2 4 40 , ; 606 6*9+". 6. - 0* 0 9.
+ 6 + - *1 - 0* .4 04+ - 0 + 6 +6 *1* 56 - 6 .8 5. 608 71, ,* - .0 . .5+4
5, 6 6 ,0 - *: 4 1 + - + "06; ."60 - 0,+ 4.8 6.*3+. - 5 .0, 5++8 1 0 - 20 9 ,1*
" . +860*0 06 06 5 1 5 +40*6 . +. 06 . . * , 20*41"13+0*413+0 .,+"6.60 *,
916 + - .4<+:. 06 09.6+8 * # *0 61 7 .0, 5 .0, 5+0 ,1 - - 0*4.2.6 3+.0 .2 *
4 *1 .2,"%0 **+02.6 ' " *9+.0 170 - ,.0 .63+0 (".: ,.0 06 $1"1* 8 ,1 - - +* 8 + + -
3+14 05 15 *3+1 5060 06+ p 06 .+/ ". ,+ - 15+8 ,"%06 * 5 1/ - 1 7.20 06 ' 3+14
. "1*9 *3+ 8 5 *, 5 2+8 50 . *1* 51"%06 3+14 6 0 "1*9 *3+1 5 *,058 5063 0
6+ 7.+4 ., "0 0 50 E0 - .* .0 5 *, 508 .,,0) - .4 09*+ - 5.60 0 %+ -
*+"6. * < . / - ".* .0 . 8 ".+40 - +2<0, 6 3+.0 * *4 - *: 4 . - :0 902.6 p
3+14 X+/6. 5 +40*8 .5 0*8 ., ,"0 .0*8 5 *,058 0 "06 . .*9+ *0 06 - - .* 6.6,
." 0*+8 3+ 5.,0* +6 * - 50 1 6, 06 * 09*1 12 0" 9 1*0 - 0 "2 + - - . - 1
40 .6 1*0 6+0 06+ 44 6.0 * +50 . 1 0 - 20 91 .0 . 8 *1 - *0 ,.040 - ,1*
e 6 1*0U 3+.8 . *1 6 8 + 6 - 5. .8 *60"R/0 .6 +6 *18 .*60:0 60 06 06 6 *1:.8
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9 - 6YCY W -

3 3 ' ' % # ! ' % '$ $! '$ $ ' # ' $ # ' 0 (

' '40 - ' 4 0' :1, .6 ' *1 6 ' 04' 1*"+, +8' - 1 2+ - ' , .+ .6+8 ' 3+. - : 8' 0 - 0*60' .4 '
:0 .' . 6 1*0 ' 0' 0/ ,+ . : 6< 06' 6.' 60 - 5+8' .4' 0.' 0 51*40*4 ' + J+ .6+8' 0 6' ' ' 4'
616.' *1/' - 50* . ' 06' 3+ .' <. - ' 1 .6 1' +.' 6;5 8' 0/5 0 ".' 0 .6' 3+ *3+0' " 1: .' 1" .'
0 ' + - - .' 4 " 90*6 .' * 0 6.' +*6# 9 6+ ' :' 4 ' .+4 6+8' 0 6' - .9*.' .660*6 1*0' 1* '
"+4+8 ' ,+<+8' 1 .6 1*0 - ' 3+ .' 04 6. ' 0 ' 1 - * + - ' - .* 2+8' 60 6+ ' 70 , .551*0 0' +?
50 : . , .*0+ - ' 4+/ ' *' 0.' 0/51 66 8' - .*4.6 8' *4 *) - ' ,1 - - 0*4.2.6' .' 90*6 8' ,". '
6.60 ' 90*0 8' 5"0*41 0 ' - .6+ .' .06.60 ' - 1 + - ' 5 12 6.60' ,+ - ' . .' *90* ' 5 .0 6.*6 .'
,1*<+* 6. ' 0/ , , 6.6 1*0' *' 0 5+2" , .0' .4 - * 6 .6 1*0 ' 06' *' 0' - " 6. ' 0/50 0 - '
6 .' . ,' 0" , 6.60' ' 3+ .0' 1 - * .' - +"6 8' :0 2 8' ""+ 6 .*6+ ' %+ * ' 3+14' 40' " *9+ .0' 9*1 '
.*6 .' 12< 402.6+ ' 06' 3+14' *+"".8' 5 1: *4.8' *50 1' $1"1* ,1' .4<+*90 0' 51 06' 4 "
"++*6+ ' 06 3+ .0' 0<+8' 5' - +"6.' ,1 - - 14.' 06' 0 - 1"+ - 0*6.' 0/' *4 * ' 0"04 1*0' 50 . '
51 "0*6' - +"6 8' :0 2 8' 50 03+ 6+ ' ' *+"".8' "" ' 0 "0' ,+ - ' 3+1: 8' 5 *, 50' - 46 .8' .+6'
+"".8' 40' * 2+8' ,1*6 1:0 .8 ' *1*' 71 60 - ' 09* ' + 0 ' 04' 0' 90*60' *1 - * 8' $1"1* ,6'
. - .*6 "% - .' 5 1 0 6+ - ' - .9*.8' "" ' *' E."" .' 4 6 1*08' 4 0 ' 06' 1508' 0/' 8' +55060 ,'
1' - 04 1, 08' 3+ 550' ,+<+8' :04 9." .' .4' ' .+ 01 + .' , 1' 0/ , 0 0*6& ,". "0 - '
0/' 8' *' 09* ' + +8' ,1 - 5. . 0' ,+ - ' + 8' + - 56 2+8' 51 "0' .4' . : , . - ' * .: 9.6 1*0 - '
6+0*4. - ' 06' &. ,1*08' *' 7.8' 16.8' 0560*6 1*."0 8' ,+ - ' *0,4" 6.8' 51 ,06' 66.*"51 '
6.*418' * . - ' .' 51 6+2+8' E."" .0' #E04.*+ - ' + 3+0' 6.*6+ - ' /' 4 0 + - ' * .: 9.6 1*0 - '
60 ,040 0' 7 8' 15 2+8' 06' . , .40 - . - ' 2 . ,1: 0"0 - ' 06' 9; - *R + - ' *' 0."7 6 6+6+ - '
* 6.+ . ' 51"%0' %+ - ' 3+ .0' 40' , +40" 6.60' .2' .4:0 . 8' 12<04.' +0 .*6' ,1*6 .' 090 - '
06' 5 + - ' *4 *+ . ' - +"6 8' :0 2 8' 06' 0 + - ' *1 6 . + - ' 2 0: ' * . .6 1*0' 5 151 6.' 0?
+6.6' 06' 09 8' 5.6 0*6 . - ' . ,' +6 + 3+0' 20* 9* 6.60 - ' 06' ,"0 - 0*6 . - ' - +"6 8' :0 2 8' ".+? '
4.6' 6+ - +"6+' $. 60* ' 3+0 *' , . +' 516 +8' 06' *0,0 6.60' , ."+ - ' ,1* 0,+6. ' 3+. - ' ,1*? '
" 1' ,1*6 9 "%0' 1 6,*4 6' 0/ ,+ .61 ' +2 ' 06' 090 - ' 5 1 6 6+ 2.8' +606 .0' 04.6.8 ' *0' 3+ '
6 - "0' *' ,060 8' 09* ' + 2 2+8' . , , 40 06' 04 41' 50 4 "51 6618' 03+18' ,0"0 - 0' 50 ".6 < '
06' 5 151 6 8' 9 . : " - 8' *' 04 4 ' ,1*60 - 561 08' 510* 8' 5 17 2+ 0' 4 , 6, + ' 04 41?
5. +0 *6' + 208' 1 - *08' 0/' 0/ ,056 8' *' 3+ 2+8' 5"028' 0 J0 46.' 06' +50 1 + - ' 60 - 51 +* '
*<+ 8' ". ,0 " 6.' *+"".' .6 1*0' ,17 20 ' 516+0 6' *4 7+ - ' .+60 - ' ,+ - ' 0*60*6 .6 '
40' 7. ,' 0' +. - ' 19. 06+ ' 1 - * *1' 5 1 - 0 0' 0,+ . 0' < ,<+ 550' 3+ ' *71*0 6+ - ' 2 '
1 0' 0/ 6 - . 06' 3+18' . - .618' 06' : ." 4 " - 8' 0/0 , 6 2+8' 6 5.618' 616 08' 1 6 " - , '
5 1 " 9." 06' 018' 0/6 .' 20""+ - ' *60 - 0*418' <+4 , . 0' ' 06' 3+ 2+8' 20"" ' 1 6+*.' 5050 '
, 606' 018' .' ".* 6 8' 06' 5"02 8' 0 1, 0*6 8' .0,0' <+9+". ' 0+ - ' * - + - ' 0 "0' 3) *+* '
3+. - ' . , ' :0" 0 - 0" ,1 - - 1:0 ' : +8' 6' *+"" +8' ,+<+"3+. - ' 18' 1 0*40 6' *0 - * '
+*3+. - ' ,1* : 6 + - ' 4 /0 6 ' .+6' : - ' *6+"0 6' 3+ ' ' 0/' .' $1"1* 8' 0" 9.6+ ;' ,19 6.?
6 5*,8' 06' . 04+8' 06' ,1* " .' +.' 1 - ' .4' 7 1, +*+ - ' 6' 0:1, .6+ +8' +6' 018' .4 ' *+* '
3+. - ' 510* 60.6' 06' .' +24 6 8' 2 ' 515+" 8' 06' .' 51 60 6.6 < 0/' 5"+8' 21*+8' 5 +40 8 0'
1 6 8' . ,' 5.60 ' 5.6 .0' <+ 0 ' :0 0' 06' *1*' .4+".61 0' 4 , ' - 0.6+ ' . *' 1 .6 1*0* \'
- .9*.0' 06' ".06< .+9+ ' . , ,". - .6 1*08' 0/ ,050 +*6' +6' ' 6.6 - ' + .9 .' ".6.' 0 0*6'
*4 *+ - ' 5 1,+" 4+2 1' *0 - *0' 0 .9.*60' 0"04+ - ' ' .55. 0 06' 1' ,+ 1 8' 06 . - '
12 0 : .6+ - ' 4+ - ' :0 2.' . ,0 06' 1*"+, +8 ' 6161' 01' 60 - 51 0' .".+4. ' :060 + - ' E.""1??
+ - ' * 9*0' *' + - - 1' - . 1' ,+ ' 60*61 + - ' * * 602.6+ ' - - 16. - ' ,1 6 6 6, ' 06' -1\ '
4+".61' , .*6+' 1*'"+, ' 1 .6 1*0 - ' :0"+ ' 5 1 0,+6. - + 0 ' 6+ *' 01' 50 1 .*60' 0:2?
". "0 ' ,1*6 .@ ,+ - ' 1 .61 08' .0 . 0 ' 06' (+04' 0* .6+ - ' .""13+0 0*6+ ' 51 ,+ - 06", '
51 0 - ' 1 60' 0/ , 6.6+ - ' 50 ' 60761 .' 4 ,+ 0 ' 06' " / 8' 7 03+0*6 2+8' 1 .61 08' *60 '
4 ,0*4+ - ' .05 +8' ,1 6+ 2.618' + 0 ' $1 60.' 06' ,+ - ' 5+0 ' *12 "08' 3+."08' *60 ' . '
"1*18' +6' .5+4' *18' 5"+ - ' +*6' *0,' - *+8". , : .0' 06' " , ,*6 .0' ." +06 ' * ,1 - 6 8'
50 ' <1,+ - ' 090 - ' 0" 90 0*6' 06' 3+ .6+1 ' 5 6 61 08' 3+16' 0 .*6' .*60' 0* .6+ - ' "+4 2 1\
, 0.6+*/

(% L " R) "' ' & ' _ q

, 0.6+ -' 5 14+/ "0*6' ,/, 6.6.' +2 61' /.' 8' 3+' *0 6+*' 05 .0 0*6.2.6' :." 4 8' " '
6 2+8 5+" .6+8' + 6' (+0,+8:0 1,. - 510/,040 0',1.4+8' 0 6' 06,+ - $. 6+8.+ +' '
9 "06'". , : 0*8' 6+ 2.',. + -'12: + - ' 3+' 01 + -'" *9+.' 5 . 6+8' 4 , 6+ ' ,2 5 6' 06'
.55 1 6 8' ., 2+8' +,,0*4 6' +2".6.':1,0' $. 6+ -',1* ".9 . "0' 4':0"+6'1 - *1 + -'.'
- +" 8' .,,056+ -'0 6'3+. ' *0 61' (+0,1' 06' $. 61' 8' 506 6 1*0' 0<04 8' *4 * '3+'
1"+8' 0' ,1 - 506 61 2+8' +50 .2.6' 0" 90*4' *0,0 " 6.8' .' 01' - 51*0 06 ' +4 6 8'
(+04' 06' ." 1 + -' 1 .61 2+8' 0/0 - 5". .' - .*+' , 56. + -' 1 .6 1*+ -' .4' 5.".6 *08'
6 .* - .' 01' 3+0 -' 4 / ' *+ - 0 1' 04' - +"61' 5"+ ..' 1*"+, 1' 3+ 550' 3+' 6 . -'
6;5 8' 0R0+4' .*60' ,+ . "06' +6' 5"+ 2+8' 0140 -' 60 - 51 0' <+8' ,15 .' 0 06' ,+ -' 5.+, 8'
#" . + -': 40*4. + -' .,+"6.8' 4. 06+ ' *40' ."+6.*4 8' 0/, 5 0*4 8' 06' ,1*:0* 0*4 8'
5 1,0 2+8' 60 - 5+8' * + - 56+ - ' 3+. -' 0 -' 50 ' 0' 1*"+, +8' 3+.*6+ -' 5160 .6' 6+ *'
50 ?' 1."" + .' (.*90". "+ -' . *+ -' 0* 0 -' 40,.*+ -' 06' .".9* + -' " + -'
0/03+02.6+ ' 60 +*' 0' - 1"0 6 .'.' 0 *. 41' U .,1: 1' 3+' +"6 - 8' 20"" 8' 1*4.01'
06' 1" * 1' - "6.:0 .6' .0 . 0 8' 06' ." 8' 1 .61 2+8' +990 0*6 2+8' .4.' 3 <,+ -'
- +"6.' *' *: 4 . -' *4 * '.63+0' .401' 09 8' *' ,1* R 8' 5. "06' 06' 50' 60*61 .' 4 '
,+ 0*8' 9 .*40' .08' ." 0*+ -'.' 090' ,1*6 .4+ -' *12 " 6.6' 40' 0"04 1*0'. 6/ .0' *90 0'
06' 51 6 0 - 1' 01' .+4., .0' 5< 1:04+8' 0 6' +6'" 20""+ -' 0*.6+' 1 J0 06' 3+1' 50602.6' +6'
2 60*4 1*"+, ' .,+"6.8' 0 "06' 5 1".6.' 1*"+, ',.+6 1*0' 3+ ' ,+ - $.*,1 + 61'
4 0040 06' 0140 -' 0' ,1 - 5. 6+ + -' 51") , 6+8' 0 .6' (04' 0*60*6 .' J .*,1 + 60* 8'
,1*6 .' 5 1".6.' 3+.' 1*"+, 1'" 20 0' 4 004074' ,15 .' .4.' +0 .6' .,1: ',1*.6+8'
+ 6 .' + 6' 1/' 06' ." +4' *, 4 6' 3+14' *1*' - 04 1, 60' 08' *1 6 .8' ,1*6+ 2.: 6' ."''
".6 8' + - - ' 671 - .* ,.0' 51 6.0' 5+ 5+ .6' " 60 8' 3+ 2+8' 0* .6 8' ,0 6 1' 02.6' 6.'
,+50 0' 06' :0""0?(0" - + - ' +6' 80$1"1*1 + -' *+ - 0 1' 40" 90 06+ ' 3+' 09*1' .4 - '
* 6 .*41' 41*0+8' 0 "06' .+6' "40 090' 0' +1*+ - 9 10" 90*41*26 ,1*:0* 0*6' *'
4 *+ -' 09 8' E ."" .0' .6 0 - ' *' 090 -'. "+ - 0 0*6' .0' " 60 .0' .' ? 194.*1' h .".,7 .,'
- ".0' < 3+ 2+8' 06' +.8' ""0' <+*/0 .6' .44 61' 4' (0" - 1' ,1* " ' 0 "0' +6' 5160*60' ,1*6 .'
7 6 .*18' 5 *, 508' *' 09*1' ,1* 6 6+61' * - ,1' 0 -' 47 "6 .*. -' ".20 .406' 06'
.+41 6.60 -' +. -' 6.2 " .6' 4' :0 1' - ." 9*0' .' 194.*1' ,1* 4+ -',.+ .6' *1 66 ' 0 -'
.2' 1 - *' :0 - " 6+4 *0' 01' - ./ - 0'. 9+ - 0*61' .20 0' 1 60*40 +*6' 3+1 61+""+8' *'
6.*6' - 1 - 0*6' *0916 1' .' (0" - 1' :0 "06' 06' :0 2' *1 6 8' - * - 0' * 6.*6 2+8' 4'
.4+ - ' 40 -' .,0 0' 3+14' 7+""+8' 6+*,' 09 8' 1 .61 ' 1* 6.*6 *151" ' 0 "06' . -' 5.+"3'
.*60' 3+0* 8' 05 015+8' 4 00 "0 .6' 04' .9+ . -' + 3+,' 5 19 0 "+8' *40' .,,056 8' .'
090' ,1*6 . 8' - .*4.6 8' .4' $1 6. -' 51 60.' 04 6' 6.' +6,+*3+0' 0"0:.6.' .4 ' "" +8'
*: 4 .' .4' 5 .0" *8' + +8' ." .0' 4 ,+"6.608' 10,+ 02.*6' 4 ".6.' 0' :. 8' 40' ,.+ 8'
. - :.*90" ,' "2',.:0 '.*60' 1 - * .' 50602.*6',.3+0' 40 0' 1040 .6 1*0 -' 50 , 2 '
,+ 1 - *08' +2 0 20 0*6' ." ' *' 6.6+61 + -' 06' 9+ -',1 04 1*0 -' *,+ - 20*4+ -'
516 +8' ,0* 02.*6' 04' 8' . 1: ' 06' 1 .61 08' 60 0 6 08' 05+9*.2.*6' 06' .4' 0",4 1*0 -'
' 3+. -' 5 - + -' 5 1,040*4+ -',1*60*407.*6' %.*40 - ' +6' +6 3+0' .6 8 0 06' 40' ,1 ?'
04 1*,' 6.*6150 0' 0/506 6.' .9',1056+ - ' 06' 1040 .6 1' 50 0 56.',) ' 6. - 0*' 05 015'
+2 0 20 0' 0,+ . +*6 ' 06' 6.' .4.' 508' . 1: 8' 06' ,060 8' 0"04 1*0 -' + 90*6 2+8' +6'
*0+*6,' . 1' 6.6 7' *' 0. *' *,+ - 20 06+ ' *606 -' 40406+ - d' +6' 0/60 *1 + -' 5 *'
, 5+ -' "09.6' ?' - 660 0*6+ ' 6.3+0' ' 1: , . .' 1C0 - 20 9+8' 1*"+, +8' '$"1 ,1 '
: . - ' (+0,+8' &' .' h . .: .' "0+, 8' *' .,1: 0* 8' . 60"".*'. ,0 -' 3+.*4. - ',1*'
,0 "0 ,' *603+. -' 1*"+, +8' 4 0040 06' ."60 . -' .4' 0*.6+ -' 1 .6 1*0 -' 7.2+ 6'
3+. ' *:."06+4 *0 -',.+ .6+8' h . .: .0' 0 - .*0*4' 2' " 20 6.60 -',1*,04' 5 - 5
' 50602.6
& ' V 4 - 660 0*6
J ' U '%)$ 2 $ 9)$ ' 8< !' 8 $ 2 #2$ I !': ! ! " !
M $ 7' 3' 9 ! ' # $) ")$ ' 5' ; / 6/$
' ' h .".,7 .,&. ;14.' :
& ' h? ' .' .

'506,2.6' 43+0' .2' 7+-.* 6.60' 0*.6+8' 06' .03+ 6.60' 0/51 ,02.6' 6+ *' 3 .0' ,1*6 .'
' ' ,1*4 6 1*08' 09 8' *1- *0' 12".6.8' .2' .0-+"8' ,."+-* 1 0' 06' . 6 , 1 0' ,1* 4.' *'
.+4 :0 .6' 5.+, 8' 0 +6.6' 0."3+0' -+"6 8' .6 1* 2+8' 40*+1' ,1*4 -.6' 4'.4+-': '
S."' . .8' ?

?!' A G<< ' * 6.2.6'6. .5+8' 0"04 1*' ,1*4 4"+-' ,+- . 1: .'*12 " 6.85 1'
60 6.6 1*0' .4. U* "'3+. - 5 -+-'.4' 0"04 1*0-'5 1,04.6+ ' 04 ,040 0'5. .6.-'06'
*' +.' +2' 40' 0"04 1*0' *60 ' 0' ,1* +"6.6+ '% *6' ,1*,0 "" 18' 1 60*4+*6' 3+ 2+8' 06'
0' 1, 18' .4<+*9+*6' . ,7 05 ,15+8' E*0 *0* 8' 06' +<.: .0' .,' .,1: .0' 05 ,55'<
3+1 +-'0/0-5"+-'5.".6 *' ." 3+16' 06' ,. 60"".*' 0,+6' +*6' 6.3+ 'S."' ."'5 *'
0 5 +-' 0' .4+- '06' ,+-'1-*08' 5 +8' *'90*+.'5 1,+2+ 0*6 01' *'6.*6' -1-0*6 '
,1* +"6.6 1*0' .4:1,.61' 5"0 3+0' 06 .-'.'50,,.6 8' 50 ',1* 0 1*0-'0/5 .6' . 40*6 '
-.8' 5 0,08' .4' 0+-' +4 0*6' *6 .'71 .0' 5.6+-' *'/" '5 1: *, 8' " .9 . 5 1'
*4 +-'4+,0' : ,0 +*6' $1 " 4 0' 06' ."60 1' * 03+0*6'0/3+ 6.',060 . +-'5 1: *4. '
+-' +6 .9 .' 06' 67+.*1 +-' *5 - 8' 3+' 7+0' + 3+0' :16+-'40,". .60' 4 6+"0 .*6'
1-*08' -.9*1' ,1* 0* +' *'*1 6 .8' 5. 608' *," *. +*6'< *' 3+1 +-' 51 6 0-1' 0*60*'
6 .-' 0*.61 08' -.9*.'.* -1 +-',1* 0* 1*0' 3+. ' 504 2+8' 0 0' 5 .00+*60' 5.".6 *1'
?(.*41- 0* ' 3+'9 .:0*'4,'0.'0"04 1*0' 1 .6 1*0-' 06' 51 60+-' 6 <.: .0' 05 01'
5+8' ."60 .-'.4' 0*.6+-'7.2+0 0' 6.'0/' ///:', 1' 3+'0"04 1*' *60 +0 +76' 1 **0c'
0 0' 5 1' *4 *1': /' ' 1"'5 1' ." 8' :16+-'0- 0 +*6' 3+' 0 0' ,+-'018' 0/ 96 '*+'
-0 ' +55+40 06' -1/' 06' .4' *1 6 .8' 5. 608' 0 .55" ,+0 0' 0/,056 8' 50 5.+, 8' 3+ ? 6 '
*0*4+-'<+4 , +-' ,0* +0 +*6' 4+-' 506 6 1*+-' -0 6.'.' 0*.61 2+840*6 1' 0/. - '
*. 0*6+ ' 6.3+0' 40"04 ' 2 *' 0*.61 08' 5 1' +*13+13+0' ,.*4 4.60' 3+' *' 01 +-'
,.+ .-' + +8' .*3+ 0 0*6' .*40-' 0' .4' "0*.6+-' 0".6.' 0"04 1' *9 .6 .-' *4 *'
.4.' 60*+ 6' & ' 4' . .8' 3+.0' 4 08' *' 50 : 9 " +-' $0*60,1 608' *,0402.6' ,7 B
05 ,15+8' E*0 0* 8' 5 .0' 9.+4 1' 0/ "0*8' :0 6+8' *0' 5 1560 f0 .8' 03+0*608' 5 1?'
,".-.6 1*0' 4 ".6.' 08' -+6. 0*6' 5 0' 0/6 .'1 4 *0-' *4 *+-' 090-' $2"1* .0' 0j'
+, .: 6' 3+14' *4 9*0?.4-14+-'6+R 0' .,1: .0' &".4 ".: .0?06' $141" .0' 5 "0?'
04+ . +-'5 1,, 08' ' 3+14' 5 .060 ' -1 0-' .4+-'4 ,0 0*6' +6' 5 1,".-.6 1' 3+.0' .'
09*'6 266* 8' 0 ',1* +0:0 .6' .2'. ,7 05 0151' .4.'0 06' ' 6.3+0' 0. *' .*60' 1 - * .'
*+"".-'40,". . ' 4020 0' ,, 60*402.*6' 04' 6.*40-' *60 :0*6+' 1*"+, ' ,1*:0* 6'
+6' 5 1,".-.6 1'.2'. 4 05 ,152' .4.'5 1' 6-5" ,'40,". .6 1 0' 7.20 06+' ' 40' ,060 5'
.'6 2+* 8' 09*' -1 0' 1" 615 1,".-.6 1' 0 06' G+.' *' 0' + +8' *1:.',1*60*6 1' 0/?'
1 6.'0 6' ,+-' ' 3+' ,1*6 .4 ,02.*6' 5 1,".-.6 1*0-' *'"1,1' -.<1 +-' +2' 60*61 8'
0 '4020 0' 4 ,0 0*6'< . ,7 05 ,15+8' <+"".' .6 1*0' .44+, '51 06' 0"04 1*0' 0-0"'
.4.'0/' + 20' .4' 60*61 .' 0:0 60 ,6+ ' & +-' 1*"+, '5 0, 2 "8' 0/1 .6+8 6.*40-'
.,3+"0: 6'06' 3+ *6151 6' 4 0' ,1 . " '"09.6 8' *1 6 8' $"1 ,1: .'0:1,.6 8' 5 * +-' .'A1B
.**0I J "0 1' . -2 1: ,C.*1' .,1: ,* ,. 60"".*1' 09*'6 2+*0' 40 *'.2' .+".1'
6 2+71' 51 6 0-1'.'5 .0 041' D(.-19 6 .,<'"1,1' '6 2+*' 67+.* .0' 0* ,+8' "'
"+ 6 " *+8' *4 +-'4+/$1"1*R0' 0/' 0*+ , .6+ 8' 5 +8' .4.4 8' <+ 0<+ .*41' 1 .61?'
2+8 09 8-,1*4R 1*08. 1*"+, 1-'1 .6 1*, +.5 151 6.8' 5 1+6.2' 5 8' 0*. '
6- 2+8' 0/5 ,.6.0' 06' .-5) ,.6.0' +, .*6' 406 '.090 -0' 0 0*6' *1 6 ' 2 .61 08'
6.-,*',+-': 40 06' 1*"+, +8' 01' 0-'404+4.-' +6' .+6' 68' +2 0 20*4+-'0 06' .+6'
0' -50 04.'4 0040*4+-;'6.*40-'5.- 6' ,+-'<*+"61' * 3+ 1 2+8' ,1*4R 1* 2+8'
.*60' 0"04 1*0-' *9 .6 . *E."" .0' $ 160 6.*6 +-' .2' :.*90" , 8' $1"1* 8' 5 153 6 8'
+2 0 5 06' 0. 3+0' 090*6' .6.8' 7.2 6+ +-' 60"04 1' +,,040 06' 04' *'. ,.*1'5 1'
56 06' 3+44 "" +8' ,R+-* .*4'. -+"8' *'.+".'+20 0-' -.6, . 6' 51 60.' 5 .02+ '
G+.6 4+1' 51 6' 0"04 1*0-' ,7-06+8' ,+2 ,+". +8' .'$1 6.' 671-.* ,.':0*, .6 0+-
' P' 3 P(E0+0
' ' '+ ' '+ /# ' , ' > ' ' U # ' ' ' '
. ' . ' ' " 0 ' * .' . ' ' ' '. A+' ' ' B
. ' ' ' <

+9 !+)( )= ʿ ʿ &6 _qb

(0" - ʿ""60 8ʿ*0ʿ.*60ʿ5 1 - +"9.6 1*0 - ʿ.+4 06+ ʿ50ʿ. - ,18ʿ5 - 40*6 " - 0ʿ5 17 2 ʿ @ #
6+8ʿ.ʿ 1*"+, 1ʿ,+ - ʿ ,ʿ<+4 ,. ,6ʿ _$"ʿ *4 * ʿ9 .6 . - ʿ" 60 .0ʿ. J0 0*6+ ʿ - .9*.ʿ ʿ ʿ
12ʿ0. - %+ ,1 +*ʿ,1 - - 0*4.6 1*0 - ʿ *: 4 .ʿ *4 *+ - ʿ.5+4$1"1* ,. - ʿ*12 " 6.60*ʿ
,1* ".9 .6+ + - ʿ - +"61 3+0ʿ 0/ʿ ,1ʿ.ʿ5.66 2+8ʿ E."" , 8ʿ." 0* 1 08 1 0ʿ J*ʿ *ʿ." 1 - *.ʿ
.:1 0 - ʿ , 56.0ʿ0 0*6ʿ 4ʿ0"04 1*0 - ʿ<. - ʿ . 6. - ʿ01*6+ 2. 0ʿ51 "0ʿ 8 51""ʿ5 1 - +"B
9.6 1*0 - ʿ.+4 6+8ʿ 06ʿ 0, 6.6.0ʿ0<+8ʿ *ʿ 0*.6+ʿ" 60 .0ʿ 0<+ 40 - ʿ ,+ - ʿ" 60 8ʿ.ʿ 194.*1ʿ
- " 8ʿ. 9+ - 0*60ʿ< 3+ 2+8ʿ 0ʿ<. - ʿ,1* 04.ʿ* 7 "ʿ *40ʿ5 .0<+4 , ʿ 0 ʿ516+ 6

&ʿ ʿ7.0,ʿ,1* 04+ - ʿ0"04 1* 8ʿ 40, 06+ - ʿ06ʿ: /ʿ6.*40 - ʿ 05 ,1ʿ
51 + - ʿ5.".6 *1 + - ʿ06ʿ,. 60"".*1 + - 9 "" 8ʿ - .6+ - ʿ< 40"09.6 3+0ʿ3+ʿ ""+4ʿ *ʿ A."ʿ
" . - ʿ.4ʿ 090 - ʿ*1:+ - ʿ, 0.6+ - ʿ. J0 0*6ʿ 4. - +8. 1*. 8R +8ʿ 12 " *+8ʿ 05 ,15+8ʿ
$1 *.* 0* 8ʿ "20 6+8ʿ . ,+8ʿ $.".6 *+8ʿ(.4 0* 8ʿ A1.**08ʿ .56 6.ʿ %0*, * ʿ ,1B
- 08ʿ A1.**08I %1 - ,08ʿ ,. 60"".*+84ʿ E70 *0* 8ʿ *4 0.ʿ,1 - 08ʿ.ʿ DE1 R.ʿA1.**08ʿ
0 2+ 6+8ʿ ,. 60"".*+8ʿ 2 (.*1,0* 8ʿ (6.* ".+8ʿ 8ʿ ,+8ʿ ,. 60"".*+8ʿ Uʿ .41 - 0* 8
,1".+8ʿ 7 61571 +8ʿ .40: "" +8ʿ 4+/ʿ " , .0ʿA1.**08ʿ(. +8ʿ ʿ ʿ(. - 1 , +8ʿ 0"ʿ
0* 8ʿ5 .0 04+8ʿ ,1".+8ʿ ʿ "0 +8ʿ . - 0* 8ʿ A1.**08ʿ ʿ:ʿ(21 1: +8ʿ 41".*1ʿ
: 0* 8ʿ ,1".+8ʿ %1 - ,08ʿ A1.** 8ʿ " +8ʿ "0/.*40ʿ $ +*0* 8ʿ 5.".6 *ʿS 1: 0* 8ʿ
L " +8ʿ< 3+ʿ,+ - ʿ *ʿ5 1, *4+ʿ0 0*6ʿ +6 * E."" . - ʿ5 1 , ,0 0*6+ ʿ506 61ʿ.ʿ .0 . ʿ
12ʿ 05+" . - ʿ<+6ʿ5. ʿ, .6ʿ *1*ʿ .6 8ʿ.03+1ʿ06ʿ." 8ʿ - 50 ʿ5 *45 2+8ʿ .0 . ʿ. - , 8ʿ
06ʿ *5 - 8ʿ .2ʿ +9+ 61ʿ(./1*0ʿ 0560 - : 1ʿ ,1 - - 0.6+ʿ 05+" . - ʿ 6+"0 +*6ʿ . - ʿ
.0"(ʿ4ʿ*1*ʿ51 "0ʿ 0ʿ* ʿ5 +8ʿ - 50 ʿ5 *, 5 2+8ʿ,1* "6 8ʿ,1*,040 0ʿ 451*4 6 ʿ
,6ʿ - 50 ʿ5 *, 508ʿ* ʿ0/ʿ .0 . 8ʿ,1* 0* <ʿ .,0 0ʿ 0ʿ51 J0ʿ 0 51*40 +*6ʿ + - ʿ
*ʿ: .ʿ "09.6ʿ 0"J0*6; :.*90" , ʿ3+18ʿ:1,.*6ʿ E .,1: .0ʿ,1*:0*6+ - ʿ40ʿ 02+8ʿ ," ʿ
9 1* 8ʿ 90*0 ."0 - ʿ0/0+*6,ʿ(05 0 - 2 ʿ7.2+0 +*6ʿ ʿ *ʿ 3+1ʿ(.*41 - 0* ʿ.*60ʿ6 0*?ʿ
" + - ʿ40, 06.ʿ,1* - . +*6 ʿ 0" 4.ʿ" 246.60ʿ .6 2+8ʿ 170 - ,< 0ʿ06ʿ +9+ 6.*.0ʿ,1*ʿ
0"" 1* 8ʿ 6+8ʿ 118ʿ.,ʿ ,1* +06+4 *08ʿ 0 :.*4 ʿ 3+.0ʿ 0.40 - ʿVʿ$06 ,1: 0* ʿ.**1ʿ
, 1 & ʿA+* 1ʿ *0+*60ʿ06ʿ h ".4 ".: 0* ʿ ʿ ʿS."ʿG+ *6 " ʿ.,ʿ
51 6 0 - 1ʿ]ʿ%1 +* 0* I.**1ʿ ʿ - 0* 0ʿ +9+ 61<4 +1ʿ .*, 6.ʿ +*6ʿ *60 0.ʿ
1*"+, +8ʿ *ʿ: . - ʿ 0ʿ404 6ʿ< 6ʿ40"09.6 8ʿ.+41 ʿ + 6ʿ .6 06ʿ5 ʿ1 - *ʿ 1 .ʿ51 67.2 6.ʿ
.4: . - ʿ 0ʿ. . , *90 0*6ʿ *. - ʿ0. *ʿ *60ʿ .0 . 0 - ʿ - 50 ʿ06ʿ +6 + 3+0ʿ 09*ʿ5 *ʿ
, 508.616ʿ .0,+" 8ʿ 1040 .6 1*0 - ʿ06ʿ *0,0 " 6+4 *0 - ʿ0 2ʿ+6ʿ5 1,+"ʿ.ʿ :0 1 - "ʿ 6
.0 . 0 - ʿ5 +40*6 - + - ʿ5 *, 50 - ʿ 06ʿ ,060 18ʿ - 50 ʿ5 100 08ʿ0. *ʿ: 4 .6+ 1.
6.3+0ʿ 5 0ʿ ʿ 04C0 ,1ʿ5 1 04+8ʿ 5 . - ʿ5 .0,0 6ʿ3+2 - 1/ʿ0+ - ʿ +2 0,+6ʿ +*6ʿ
40"09.6 ʿ 2ʿ,+ - ʿ0 "0*6ʿ .ʿ(./1*0ʿ 0560 - :X61ʿ 0 51* + - ʿ71,ʿ.,,,50 +*6ʿ< - . ʿ
0ʿ3+1 - 141ʿ - * - 0ʿ:0* .ʿ506 6.ʿ *ʿ; . - ʿ 0ʿ404 "0*6ʿ.*603+. - ʿ 5 0ʿ.ʿ .0 . 0ʿ 0ʿ
51* + - ʿ6+ "06ʿ5 1 *40ʿ + 8ʿ - .*4. 0ʿ +6ʿ018ʿ71*1 ,0ʿ.,, 5 .*6ʿ 06ʿ *60 - ʿ + 20ʿ
,/,040 0ʿ *1*ʿ5.6 .*6+ ʿ ʿ ." 13+ ʿ 4 ,04.*6ʿ 1 0ʿ+6ʿ "" 8ʿ0/ʿ01ʿ50 ,+"+ - ʿ, 006+*ʿ
4ʿ50ʿ6 2 8ʿ01* +"08ʿ40"09.6 8ʿ40*+*, .6+ - ʿ3+14ʿ3+. - : 8ʿ - +"6ʿ 6. *60 5606. 0)ʿ
6+ ʿ3+. ʿ(./1ʿ *0,0 " 6.60 - ʿ 0 - .6 0*4ʿ5 8ʿ - 51*0 06ʿ6. - 0*ʿ.+4160ʿ 1*"+, 1
+ʿ516 +8ʿ - 06+ - ʿ7 8ʿ:0 2 8ʿ *<04+ - ʿ.ʿ(./1*0ʿ + 6 ., 812*1/ 1ʿ4 ,02.6 3+. - ʿ - .B
*0*4ʿ*0,0 " 6.60 - ʿ - 51 6. - ʿ 0ʿ51"ʿ6 4++*ʿ *ʿ: . - ʿ4.*6ʿ5 .00+*60ʿ 1*"+, 1ʿ
*ʿ3+0 *ʿ ʿ3+ 4ʿ5 ,+ ʿ +20 "06ʿ5 - + - ʿ0, 40 06ʿ< , 43ʿ + - ʿ40"09.6 8ʿ 1."" 1ʿ06ʿ
A5.**0ʿ 0 2+ 61(.*1,0* ,. "0"".*1ʿ.4(./1*0 - 0560 - : + - ʿ - "2ʿ3+ʿ*1 - *0ʿ
40"09.61 + - ʿ,1 - - 0.6+8ʿ .,+ 6.60 - ʿ52ʿ01ʿ5060 06 ʿ &0)X*ʿ 8ʿ3+ʿ0+ - ʿ:0*.6 1* 2+8ʿ
5,,+5.6+ - ʿ,1*:0* 0ʿ*1*ʿ516+ "06ʿ1 .6 1*0 - ʿ .*0ʿ96.:0 - ʿ,6ʿ0"09.*60 - ʿ.4ʿ 5 + .
ʿ ʿ ʿ50 0 5 6 ʿ ‖

& ʿ U6 .,C .*0* 8ʿ .,? # 1 1: +8ʿ #ʿi ʿ4ʿ
. 0*0* 8ʿ ʿ4ʿ 40ʿ 02+8&0" 1* 8ʿ @ʿ
< I"1!+ '29 8$+ʿ!ʿ>ʿ ʿ .2(!>'(("&'3 +ʿ ', ʿ+ʿ !5ʿ>5ʿ ʿ$ 9 !$

' ʿ4 !) ʿ ʿ !ʿ ,* ʿ ʿ; !$ ʿ. ! 6 !$ ʿ. " 6 $ 2 ʿ9! ! $ 8 ʿ
9) 3 $ ʿ " 3 ʿR)ʿ)3ʿ / # !ʿ ʿ0 !#)3ʿ C " ʿ # !ʿ ʿ 6ʿ "(Y 63 $
?> ʿ ʿ ʿ '# /ʿ ʿ ʿ ' ʿ ʿ U$ 0ʿ ʿ.B , 6 ʿ ?4 $ ʿ ' ʿ ʿ
ʿ ʿN 6 ʿ ʿ4 U ʿ : R U ʿ /L ' ʿ ʿ BX ʿ 1 5 '/

$"5 '50 , 5 +.0'04 6.'0 6' 3+.' ,15 . -'" 20 0' ., 6+61'6 .* 0+*4' 2' 0' 19.2.6' 06
X ? 0. *' , 6 .': 1". 6. -' 1040 8' 0" 9 1*0 -'*09. '*1*' 51 "0' ,1*60*402.6' *60 0.' 1*'
"+, +(@ 50 # 1 4 . -' 'E167. -' 0*. ,+ -' . 61' 6 *0 0' . ",'"".8' .4' h ""0" - + -'
0 1 + -'5 *, 50 -' :0* 6' '3+0 *' 5. 8' + - 1 2+8' 1 J0* + -' +6,+*3+0'5". , .: 6' 06'
40' 0"0 4 1* 8' *0916 1' ,1*6 .'3+. -' :+"91' .' .0 . .* 8' <. 6.2.6+ ' ,0 6 +8' 041,+ 6'
.63+0' *40' 50 ' ' : 6 4+ + -' 04 1 - .6 ,+ -' *0' +""1' - 504 - 0*61' *' E."" . -'50 '
0/ 6' '+2' .' 090' 06' ,9 *.' 12' 0 -' 0" , 60 '90 6. -' + - - .'9 .6+". 6 1*0' 0/ ,056+8' 0 6' <
1' 60 -' .2' *4 *1 '3+. - : 8' 4'4 - +". 06 '3+ '0.' 3+. *6+ - : 8' 71*1 , .' - " 1*0'
3+. ' *' 0/ " + -' 0' .' .6 0' *1*' *0' 1, ,+" 1'" :1 0' 0"09. ' *60 5 06.2.6+ ' 06' E."'
" .0' . - 10* 6.60' ., '40" , 8' * - 6 6+8' .09 0' *' ' (. - .6 . -'5 1 0 6+ +8' : 402.6+ '
1*"+, + -' +2 0,+6' +*6' 40"09.60' 0140 -'3+1' ""0' 6 *0 0' E, - .* . -'0 - 0* ' 06'
: 14+ ' 04 1 - .6 ,+ -' .'A1.**0' D%70: ."" 1' 5 .0 04 1' 06' A1.**0' ' +,0 - 2+ 9 1'
0**.0' ,1 - 60' 06' . 1"1' 6' (, . 1' *91*+ -'05 ,151' ., 'J .*, .0' 5. '3+ '06' 1 .'
6 1*0 -' .4' 018' 7.2+ 6' :' 4' (0/6 " '50 . - .*60 '06' 71*1 ,0' 09 8' *1 - *0' 0/ ,056 '
*40' *,1"+ - 08' *+""1' 0' + 8' 40 40 .61' .+6' 5 1560 ' - 1 2+ -' *60 '0+*4+ -' 0" 41' +'
606 . -' / :'S ." '(056' .55+"0 +*6' ,+ -' *' +1' ,1 - 6.6+' 5 .060 '"09.6 1* 8' 56 *, 5 08'
06,1 - 5"+ 08' *12 "0 8.41"0 ,0*608' . - 5" +8' '7.20 0*6' 4' 01 + -' .4 :0*6+ - 51 6 8'
0 + ' - .9 6 .6+8' 12: . -'9 .6+". *608' 0/ 0 .*6' 06' . - " .'1 - * 8' 09 .' .9 - 0*3+0' *5'
2 " + -'03+ 6+ - ' .*60' ." 18' J .*, <+8' 1 21* +8' 0" *+8' 5 *,058' .9*.6 1* 8' ,9 .0'
.41"0 ,0*8' 0* ,+8' 167. *9+8' E+ .0' 4+/' 06' . 1"+8' 04+.*.0' 4+/' E+ ' .'
60 ' ,+ -'5.6 +0" 2+8' + 8' . 1"1' + - ." .0' 4+,0' 06' . 1"1' " 021: ' - . ,7 1*0' <
3+1 + -'*1 - *0' :0 2.' .4' 018' 0, 6' $.+"+8' J1/ +8' : '*.6." + -' 5"0*41 0' 0 +4 6 1*0'
06' 0 + -'50 6 .' ,". "" - +8' - 7 '*+*3+. -' *0' 71*0 6 - .'5 .0 .6 1*0' *1 - *.*'
4+8' %+ *' 51 6' . *5"0/+8' +6 *3+0' 4.618' 51 6.' ' (. - - . 6 * .*.' + 20 -' *9 0 ' +*6'
*:04 '3+.4 <+9 8' ' ,+ 2+8' 4' *1:+ -' 504. ,+"+ -'3+1' - *+8? ,+*4 ' *' + 20'
,1* "+0 0*6' *1*' .06.8' *1*' & "06+41' *1*' 0/+8' 3+0 - 3+0' 06. 4. : 6' < ,'+6' 0*0 6 .8'
*' : . -'40 504.*6 2+8' 5" 0.8' 0 0 6.' 604.' ., ' +2' - +"6 6+4 * 8' 51*40 0' ".21 .*6 .'
155"06.8' : .8' 06' .*9+ 6+ .' 2 '6 .* 60 -' .4' 6 .* 0+*4+ .' 0" 4+ - ' *1: '71 5 608' - '
. 0*6+ ' ,+ -' ,1*6 .'$. 0* 08' : . 6.' ,1 51 .' :+"6+8' * 1" 6.'9 . : 6.60' 61 :18' + - '
- 6.8' 06' +6 ". *60 8' 2. 2.8' 5 "018' 5 06 1 8' 50"" 2+8' . 618' 90 - - .608' 0* 0 8' . ", .618'
0 .6.8' 1, 0.8' 57. 06 .8' 06' . ,+8' . + - 3+0' 1, , 5+6' 06' ,167+ *.618' 9."" , 8' 0 0 8' .'
"+61' 40 0* 18' *1*' *0' 6+51 0' . 5 ,0 0*6' /' 8' 1 - * 2+8' *+""+8' *1* .6 * ' 0 - 1* 8'
50 6+8' 0 .6' < 5"+ 08' 6." ,0' 06' E0 - .* ,0' "13+02.*61 ' 3+ 4. - 06 . - 6. -' ,1*, **,'
E."" , .8' :1,08' 5 1 0 02.*6' +6' .4' 2' (03+.*. -' 516 +8' .+6' V' 90 -'3+. -' .4']' & 6+ '
. -' .+6' ' 1 ; 670*0 -' *.6' : 40 0*6+ ' '5+41 0' *60 -' .+" , 8'" 60 . + -'*1*' 6.*6+ -'
+4 2+8' 04' * 0 6 8' 71 6 2+8' *,+ "2 '3+ ' *60 19.6' .2' 71 5 6 2+8' < 8' 0 +20 00 0' 06'
*+6+' 6.*6+ -' 0 51*40 0' ,1902.*6+ ?
& ' '1' 5 1' 4 0' 3+1' $1"1* ' +606 . -' .66 90 0' ,+ -' (.*,0 .* 8' 51 6' 4 +6+ . -'
12 4 1*0 -'6 .* .4+ -'0 6' ,+ -'0/6 0 - .0' . - 8' 3+.0' <. -'5"+8' "1' 0/' 8' .2 + - 5 0'
.6' 06' + - - .0' 5.6 076 .0' 0/50 .0*61' .41 '516 +8' - 0 - .' - 1 60' 50 0' 3+. - '
0,0 6' .47+, '5 1 - 0+. + -' , .04 + -' - 0 - 1 .' 0' 9 . ".61 + -' . 2 6 1' 50 - 660 ,'
6.6+ 0*6' &0 + -' .2' * 6 1' 7+<+8' - 0* 8' ,+ -' : . 8' +"6 1' , 6 13+0' 7.2 6 8' 0 - 1* '
2+806 *60 *+*, 87 *, *40,1 - - 0.*6 2+8155 4.* '40' . 6 0' 09 09 .' 0 9.' 5 18'
:1"+*6.60' <. -' ,0 6 5 08' .4 '0 "0*6' 50 'A1.7*0 -'2 0 + - '3+ ' .2' 5 1' 0:1, .6+8' 12' 4'
+0 .6' 51 6 0 - 1' - 06+' *60 *.0' 04 6 1* 8' .' 3+.' 5.+"+ -' *' + 20' .2 +0 .*6' 12 4 2+8'
4.6 8' 0 1' 40' ,1*4 6 1* 2+ ' .90 0' ,1050 +*6' . *' .+60 -' :1"+*6.60 -' 09 8' <+" '
? ' ' ' *4+0 .6

& ' E% ' V' 0 1 4 .-' ' '1' 4' G ' ,

' % & ' & ' , ' 'G0 ' ' && ' ' $' 4 ' ' ' ' ' 6 $'
5 A ' . ' ' % ' ' 'G . $' 6 (' '5 ' V' 0 ' /' ' '> A'
' '+' ' V' '+ ' \' '5 ' 'R '' ' ' ' ! ' ' C ' ' ' U5 0

ˁ . _n

*4+0 .6ˁ . 6 0+8ˁ ." 13+ ˁ - +"6 8ˁ 40ˁ , .+ 8ˁ12 0"" 8ˁ12ˁ *4 9* .ˁ 40ˁ 0ˁ 5. .ˁ4 40 .ˁ06ˁ
% " ˁ # bˁ ! ˁ $ # " ˁ ! ! " # " ˁ ˁ ˁ " 8ˁ !
04+ - ˁ +, ,0* +8ˁ 3+14ˁ 08ˁ (.* ,0 .*1 + - ˁ . *60ˁ $1"1*1 + - ˁ .4 ;0*6+ - ˁ ,1 - 51* ˁ 0/
+.ˁ *60 0 "0ˁ . 2 6 . 06+ ˁ *03+0ˁ ,1 - - 660*4+ - ˁ 0/ 6 - . 06ˁ +6ˁ 0/ˁ *0,0"" 6.60ˁ .4
40"50 .6 1*0 - ˁ :0 ˁ 155 4. * ˁ ., *+8ˁ ." 3+14ˁ 0/6 0 - .ˁ5.6 0*6 . ˁ ,+<+8ˁ<. - ˁ 50, - 0*
404 "0*6ˁ 4 9*+ - ˁ 09ˁ * : 4 1 + - 2ˁ :0 1ˁ 0/ 6 1 + - ˁ 0/5.6 . 0*6ˁ 43+0ˁ 1*"+
, +8ˁ 3+ ˁ5 1 - 8ˁ + 8ˁ3+ .*6+ - : 8ˁ50ˁ : - ˁ4+ - ˁ *ˁ$1"1* .ˁ0 "06ˁ .2ˁ : .*90" , 8ˁ0/
61 6 8ˁ 40 - ˁ ,1* 6. 0ˁ ,+5 02.6ˁ . "4+ 8ˁ0 ".9 6.6 1* 2+8ˁU *ˁ .+".ˁ + 902.6ˁ 6.3+0
E + " 0" - #A1. *0"" ˁ06ˁA1. * * 8ˁ2ˁ . 6 * ˁ *60 :0*6+ˁ *ˁX .8ˁ ,1*4 6 1*08ˁ ,3* :0*6+ - ˁ
+6ˁ5 .060 61 + - ˁ9 .6 .ˁ 12"0""""8ˁ .ˁ 090ˁ 0 06ˁ< 3+0ˁ6. *ˁ155 4. * ˁ3+. - ˁ *3+ " * ˁ06
<+" 0 08ˁ . ,ˁ20"" ˁ4+,08ˁ21 8ˁ1 - * 2+8ˁ - - 12 " 2+8 0 6 6 +0 0*6+ ˁ< - 12 " .4050* 8
" ˁ ˁ ˁ ˁ ˁ ! ˁ " ˁ) ! " # " ˁ ˁZ " #
.4 . ,ˁ20*0 , 1ˁ+60 0*6+ ˁ 0" 9 1* 8ˁ" 20 .ˁ5 1 0"" 1*0ˁ .03+0ˁ . ,ˁ04 41ˁ ""1*1 - * .6 8
,1* ,0 ". ˁ 0/ 7.8ˁ 5 .4 1*08ˁ .6.8 7.20 4 ˁ 06ˁ .+41 6.60ˁ +. - . 06ˁ ˁ6+ *ˁ + 28ˁ *
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7. 1*4.0.,ˁ ".62* 8 0* 3+0".5 ,76 -1 +-ˁ"09 "R61 +-ˁ50 +8ˁ*.2 08 41 6
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- *0 12 J0" ,08 20"" +, ,0 +8 06 . - 5" " - + - 09*+*.
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49. 3+0 +18 0<+8 60 *+*4. *4.0 , . + . , + - - . *4.6 8 * E."" . - : , * "2 50 0618
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A. +8ˢ 0/ ,05 6ˢ * 7 "ˢ 156.6 +8ˢ 09ˢ.,, 40 0ˢ 516+ " 0ˢ 5 1 + ˢ.4:0*6+ˢ ,+5 0*6ˢ 3+. -
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6 "" - ˢ 5 *, 5 8ˢ 20*0 ,0*6 . -ˢ ,+*4ˢ 40ˢ 5 1ˢ 20*0ˢ * 0 6ˢ 0/50 .*6+ ˢ *60 0.ˢ 5. .
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01ˢ +*.ˢ "09.6ˢ ,+2 ,+"+ -ˢ 09 8ˢ *9 0 ˢ ,+ -ˢ 5 1ˢ ,1""13++*6+ ˢ ˢ *40ˢ +2ˢ :0 50 . -ˢ 4
- ˢ ." 3+16ˢ 4 08ˢ .4ˢ - .*4.6.ˢ * 5 , 0*4.ˢ ,1*,04ˢ 506+*6ˢ $1 6 4 0ˢ ,+ -ˢ J . , ,+ +
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- 1"0 6ˢ 0"%0ˢ *1"+0 *6ˢ 06ˢ 0* ,+ -ˢ .:. 1 + -ˢ 090 7 ˢ . 9. 6. -ˢ +/1 0 - ˢ .
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- +* 6.6 2+8ˢ 40ˢ ., 8ˢ 40ˢ - .6 - 1* 1ˢ 40ˢ ,". 0 4, 1,40 0,+ -ˢ G."" 8ˢ *0+*41ˢ 06ˢ
3+14ˢ 5 .0, 5++ -ˢ 0 .6ˢ 3+143+0ˢ .2ˢ :.*90" , 8ˢ - ./ - 0ˢ + 902.6+ ˢ 40ˢ 5.,0ˢ *60ˢ 40ˢ
0" 9 1*0ˢ 4 40*60 8ˢ 0 :.*4.ˢ %+ *ˢ 06 . -ˢ ˢ 9 .6 . - ˢ E.""1 + -ˢ $ 160 6.*6 + - ˢ
" 5+".*6 2+8ˢ :.*90" , 8ˢ $1"1* 8ˢ.ˢ 1*"+, 1ˢ +6ˢ 4 / ˢ 5 1 - ".ˢ 05 .0 0* . ˢ 506 0 0ˢ
0/ˢ 8ˢ 3+ 4. -ˢ ˢ .4ˢ 3+.0ˢ ,+ -ˢ +2 60 0 -ˢ 71 6 ˢ 3+ˢ .40 .*6ˢ ˢ, .*6ˢ .9+8,.*,0"". ˢ
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*.6 8ˢ ." 3+.ˢ 0/ˢ 5. 60ˢ .6 8 .,0 06ˢ 71,ˢ ""1 + -ˢ 14 1ˢ 06ˢ 71 + -ˢ 40 40 1ˢ - +"ˢ 404 "0ˢ
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.44+,0 0*6ˢ 3+. ˢ,1* " 1ˢ *1*ˢ,. +ˢ - 1 - 8ˢ ""0ˢ 0/, 6.6+8ˢ 0 "06ˢ 06ˢ 5 0ˢ ,1*6 .ˢ 6.*3+. -ˢ
,/1,,. 1*0ˢ .,ˢ *0,0" 6.60ˢ *. + -ˢ 0/,+ . 06ˢ :.*90" ,ˢ ,ˢ 0. *ˢ 0/,+ .6 1*0 -ˢ .,, 6ˢ
5 02.*6ˢ +6ˢ 0/ˢ ˢ 3+ 40 -ˢ 7.00ˢ 5 1ˢ 9*. 1ˢ .+6ˢ *: 61ˢ.,, 4 "076ˢ 5 1 - 660 06ˢ 0ˢ 40ˢ
9 . .61 2+8ˢ 510*.8ˢ + - 56+ + - ˢ 40ˢ ,060 1ˢ $ 160 6.*6 2+8ˢ 41*00ˢ ,.:0 ,6ˢ 06ˢ 04 4 .ˢ
*ˢ 01 + -ˢ 9 .6 . -ˢ .ˢ 0ˢ . .ˢ 06:. 06ˢ *. -ˢ 5 .060 61 + -ˢ +"6 1*0 - ˢ 06ˢ *ˢ 51 60 + -ˢ
0,+ 6.60 -ˢ + 8 5 +*ˢ 4020 0ˢ 8 .6 1 6 2+8ˢ : 6+ -ˢ 0ˢ .,ˢ 50 +. + - 1*"+,) 8ˢ
. 02.6ˢ +6ˢ 7.0,ˢ 09 8ˢ *1 - *0ˢ 5 1 - 660 06ˢ :0 6+ - ˢ ˢ 0,+ . "06ˢ +6ˢ 018ˢ - *+8ˢ 5". .618ˢ
.20 06ˢ 06ˢ 5 1,040*6ˢ 0" , 60 ˢ 0"0 6 1* 8ˢ *0916 1ˢ 0 - 1 .ˢ.+6ˢ - 504 - 0*6+ -ˢ 0/ˢ 01ˢ
. J, 06+ ˢ :0 + - 0 -ˢ 0<+ - 14ˢ 0 "0ˢ +6ˢ ,+ -ˢ *03+.3+. -ˢ .4ˢ $1"1*18ˢ 50 6 *0.6ˢ *00ˢ
0<+8ˢ .6 1*0ˢ 0/ˢ 60*0.6+ ˢ 4ˢ * 7 1 - *+8ˢ ,+ -ˢ :.*90" , ˢ "09.6ˢ - 5 12 8ˢ 0 ".9 6. ˢ
6 1* 2+8ˢ + 90 0*6ˢ ,1*6 .ˢ +6ˢ 60 - 0 0ˢ 06ˢ * - .ˢ 4+, .ˢ 5 .060*ˢ - . 64.6.ˢ.ˢ 1*"+, 1ˢ
42+ - ˢ *: 4ˢ *ˢ .+".ˢ 05"<,. 0*6ˢ 0/ ˢ 0ˢ ,+ -ˢ $1 *.* 0* ˢ 06ˢ ." 8ˢ "09.6 8ˢ - .<1 + -
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&ʿ ,"9 2 8ʿ , "61 2+8ʿ ,1 - - +* , .6. ʿ 0/ʿ ,1 - 5 .41ʿ 506 6 1*0 - ʿ ""1 + - ʿ : . 8ʿ "+4 ", ʿ
ʿ ʿ 6 1* 2+8ʿ 4 +ʿ + 6 .6+8ʿ .4ʿ 0/6 0 - + - ʿ 1 - * *1ʿ 0" 6ʿ Vʿ 190 +8#% 61* +8ʿ $ *. 1" ʿ
.22.8ʿ 3+ ʿ & *,0*6 ʿ .+ 0ʿ : 6. - ʿ , 5 6ʿ & *,0*6 1ʿ 3+ ʿ 51*6 , ʿ 1 .61 8ʿ - +*0 0ʿ
.5+4ʿ *1:+ - ʿ 090 - ʿ 6+*,ʿ +*902.6+ ʿ 4ʿ ".+4 86 2+ 6ʿ 3+14ʿ ,+ - ʿ $1 *.* 0* 8ʿ *.6+ . ʿ
)6ʿ "Rʿ . 6ʿ 6 - 4+8ʿ *ʿ , .5 60ʿ 40ʿ 0" 9 1*0ʿ 7. 0 06ʿ *03+0ʿ ,1* 6.*6 . - ʿ 3+. - ʿ 40202.6ʿ
0 : . 06ʿ "20 6+8ʿ .+60 - ʿ P . ,+8ʿ - *+8ʿ <+ 61ʿ 0 - ʿ ,+ . 0ʿ : 40 06+ ʿ .5+4ʿ + + - ʿ
3+0ʿ *0ʿ . 0*6 06+ ʿ 0* / 8ʿ .6 1* 2+8ʿ 50 : ,0 6ʿ .4ʿ 43+0ʿ "1 " ʿ ʿ 60 6 *ʿ , . 4 *."8ʿ
.ʿ 0ʿ .*60.ʿ 09 09 0ʿ * 6 +! ʿ 3+0 *ʿ 06ʿ 12 1"061ʿ 7.2 6+ʿ .4ʿ $1 *.* 0* 0 - ʿ *1 6+ʿ *6 1 ʿ
4+/0 6ʿ 150 .ʿ 6ʿ + +8ʿ ʿ 3+. - ʿ 6.*40 - ʿ 4 " 90*6 . - ʿ . ,ʿ ,+ . - ʿ .+ 0+8ʿ ,1* 6.*60ʿ .4ʿ
7 2+ 6 . 4++8ʿ .4ʿ *1: ʿ 09 8ʿ .*6 3+.0ʿ 0" 9 1* 8ʿ 06 *0*6 " - ʿ .+ 08 ʿ 3+0 - ʿ 06 *$1 ʿ
"1* . - ʿ 0/ʿ - +*0 8ʿ - 51 6ʿ *0,0 6.60ʿ 0,+6+8ʿ 0 6ʿ $0602.*6ʿ 06ʿ "09.6ʿ : .*90" 4ʿ +6ʿ
*ʿ , .+ .ʿ . "16.0ʿ 1*50* 0 ʿ " .0ʿ 3+.0ʿ .5+4ʿ J 40 ,+ - ʿ $.".6 *+ - ʿ 0560 - : - - ʿ
E."" .ʿ 12ʿ 0" 9 1*0 - ʿ 0/,440*8ʿ +5, 1 0ʿ .**1ʿ 50 +9 + - ʿ 7.2+0 .6ʿ 0/ʿ 5. 608ʿ +.8ʿ
*60 51*0 06ʿ 06ʿ 0. *ʿ 5. 0*6ʿ +1ʿ 0,1*, " . 06ʿ 60 - ʿ +6ʿ A.,12.ʿ U / *20"".ʿ *6 . ʿ
- 1*6 .ʿ 1" * ʿ +606 .0ʿ *60 04ʿ : 4+.ʿ 3+.0 /Q+9+ 6.0%.+ *1 + - .(.2.+4 .,ʿ
4+,0ʿ ,+ 614 .ʿ 06 *02.6+ ʿ *60 :0*6+ʿ 09 8ʿ " 20 6.6ʿ 06ʿ 21* 8ʿ 0 6 6+0 06+ ʿ %.":.3+,ʿ
,1* , 0*6 .ʿ 41 - ʿ 0ʿ : :0 0ʿ " ,0 06ʿ < 06ʿ . 1"+8ʿ 1" * ʿ " +8ʿ 3+ 8 . " .0, .56 :+8ʿ
.66 *02.6+ ʿ " 20 . 06+ ʿ 06ʿ .4ʿ .6 08ʿ 0 - 660 06+ ʿ (04ʿ 7.0,ʿ 6 40 - ʿ 51 6+".6.ʿ 6.*3+. - ʿ
* 7 "ʿ .4ʿ $5"1*1 + - ʿ 08ʿ 50 6 *,*6 .ʿ 5. ʿ 0 51* 1ʿ 0/ʿ 0"+ 6ʿ 060 .ʿ , .5 6.ʿ ""1ʿ 06ʿ
5 1/ - 0ʿ 0,+6 8ʿ 4 02+8ʿ *ʿ 31""13+ 8ʿ 6 . 6.6.ʿ .47 2 6.ʿ *ʿ 5"0 3+0ʿ ,1 - - 14.ʿ 06ʿ .03+.ʿ
*60 5 06.6 17, ʿ 040<+" - 14 ʿ 3+.0 *0 8ʿ - .*4.6ʿ 0" 9 1 0ʿ ,+ 614 0*418ʿ *1*ʿ 0/,0 ʿ
40 06ʿ 0* ,+8ʿ *60 - ʿ *ʿ 5.".6 1ʿ *4 *1ʿ 05+"1ʿ "09.618ʿ . , ,05 6ʿ :ʿ J 4ʿ (056ʿ +2 ʿ
"" ʿ ,+ - ʿ .4ʿ ".60 .ʿ 09 .0ʿ - 0* .0ʿ . " 40 0*6 ʿ . " 90*608ʿ *+4 8ʿ , .5 6 2+8ʿ 5 15 *.*41ʿ
09ʿ +1ʿ 3+ ʿ - 18ʿ 90*6 8ʿ 0 6ʿ 5 + - ʿ 06ʿ 7 ". 0ʿ 5 1ʿ 5 +8ʿ ."+60ʿ :16+ - ʿ ,1*,050 +*6ʿ ,ʿ
4 0 03+0*6ʿ *ʿ - .<1 0ʿ + 2 8ʿ 60 - 5"1ʿ ,1*:0*0 0ʿ 0;ʿ 0* ,+8 ʿ 09 *.0ʿ "09.6ʿ $1"1* ʿ
06 . - ʿ : .*90" , ʿ 51*6 , 8ʿ 5.* .0ʿ (,16 .0ʿ &0*061 + - ʿ ." 1 + - 3+0ʿ 5 *, 5+* ʿ
.61 08ʿ . 1"+8ʿ 1 21* +8ʿ . 1"+8ʿ 06ʿ +41: ,+8ʿ 167. *9 ʿ "1 +8ʿ 60 6 *+8ʿ
, . 4 *."08ʿ 05 015 ʿ 07.61 08ʿ .+" , ʿ 5"0 3+0ʿ , :08ʿ +6*+""+8: . 6 "" - .ʿ .040ʿ "1,+8ʿ
0ʿ 671"+8ʿ 3+ 40 - ʿ : . ,++8ʿ +0 6ʿ $0 . 6 8ʿ .^, 8ʿ 0 ,+8ʿ .4ʿ . . - - . / - . - ʿ ,1 . - ʿ
$06 1ʿ E1*4 1ʿ 05 0151ʿ 5 151 6 8ʿ . , 1 .7 6 8ʿ : .*90" 8ʿ 50ʿ 0+*ʿ <+ . : 6ʿ <+/6.ʿ 1 ʿ
- +". - ʿ 5 1/ - 8ʿ 1*:0*6 2+8ʿ 50 0 56. - ʿ 0ʿ .2ʿ 5 8ʿ "09.6 8ʿ ."".6. - ʿ <+ .ʿ ,+ 3+0ʿ +.ʿ
ʿ $1"1 .ʿ 06ʿ 67+.* .ʿ 0 : .6+ + - ʿ 0/ʿ 0140 - ʿ "1,1ʿ <+ . : 6ʿ 3+.0ʿ 50ʿ 1*"+, + - ʿ
09 4 + - ʿ 1."" + - ʿ 06& 4+ - ʿ ?(.*90". + - ʿ 9 * * ʿ 6 12 9+ - ʿ 5 .0 0 6+ - ʿ 1 .B
61 08ʿ +18ʿ ,1 - 6 8ʿ "" 8ʿ 5.4+8ʿ 0 "06ʿ 0.ʿ 0ʿ 21*.ʿ 40ʿ - 5"06+ + - ʿ %+ *ʿ *ʿ 05 015 1ʿ
".+6 " - + - ʿ 71 5 6 2+8ʿ + 8ʿ 05+"+ - ʿ 404 6 ʿ $0 0*4 0ʿ ,+ - ʿ .4ʿ ,1""13+ + - ʿ :1, .6ʿ 0 ʿ
0*6ʿ 0, 6.6.0ʿ +*6ʿ " 60 .0ʿ .0 . 8ʿ 06ʿ ,1 - 6 1 + - ʿ E0 - .* .0ʿ *ʿ ,1*:0*6 2+8ʿ RJ .* ʿ
01 + 6ʿ .4ʿ 10*+ - ʿ / : ʿ S."ʿ (056ʿ 4.6.0ʿ 3+ 2+8ʿ . , ʿ - 50 ʿ 4 *08ʿ 19.6 ʿ +6ʿ 01 ʿ
+ - ʿ :1"+*6.60ʿ 0* ,1ʿ *ʿ $1"1* . - ʿ 5 1 04+ 1ʿ 60ʿ 50ʿ E0 - .* + - ʿ . ,0 0ʿ " ,0 06ʿ
5 ʿ 06ʿ ,1 - 6.6+ ʿ 04ʿ *0ʿ - ."0 , 1ʿ 06ʿ *<+ . ʿ 6 .* 0+*4ʿ . ,+"6.60 - ʿ 4.2.*6ʿ + - ʿ 4.6.ʿ
. ,+7.60ʿ +6ʿ 5". ,+ 606ʿ 9 .6 .0ʿ 50ʿ " 60 .8ʿ .0 . ʿ . ,ʿ 5 *, 5 2+8ʿ .4.0ʿ . ,ʿ *1 - *.6 - ʿ
8ʿ 50ʿ 3+1 + - ʿ A *0 8ʿ 6 .* 0ʿ 151 60 06ʿ G+ 2+8ʿ .4 8ʿ 0" 3++ - ʿ 0 .6ʿ +6ʿ 40, 06+ - ʿ
0"04 1* 8ʿ 5+2" ,0ʿ 06ʿ <6+ʿ 1"0 - * ʿ 0, 6. 06+ ʿ - .9*1ʿ 670.6 0ʿ 4ʿ .4+ - ʿ *ʿ . - 5" " - .ʿ
5.".6 ʿ $. 0* 8ʿ .+". ʿ *ʿ 3+.ʿ 09+ - ʿ *+56 ."08ʿ 51 - 5.0ʿ ,0"02 . ʿ 1"0*6ʿ 0/ʿ 06ʿ 0*B
,+8ʿ $1"1* .0ʿ 0/ʿ 09 *.03+0ʿ J .*, 0+8ʿ "0*,1* 1 + - ʿ 4+/ʿ 06ʿ 0* ,+8ʿ . : . 1 ʿ
+ - ʿ 0/ʿ 1 1 +8ʿ +2ʿ 5 06 1 8ʿ - 20"" 8ʿ 04 61ʿ 509 - .60ʿ <+/6.ʿ - 0* . - ʿ - . - 1 0. - ʿ
,1* 040 0ʿ .4ʿ ".0: . - ʿ ,1* .*9+ *0ʿ 09 8ʿ 5 *, 508ʿ 0* ,+8ʿ 1 21* +8ʿ 1*4.0+8
+41: ,+8

& ʿ ʿ ʿ ʿ ʿ % ?ʿ ʿ (ʿ % ʿ 5 ʿ ! , "ʿ ʿ (ʿ ʿ 3)30" ʿ) 3) (3B")ʿ D ʿ ʿ ! ʿ 4

$. # ! ʿ ʿ ; ! $ʿ 2ʿ 2 $ 2)3 $ $ A ʿ ʿ 5ʿ ! !# " !#
ʿ . ! ʿ 9 3$ J%)ʿ ʿ, ʿ ʿ 9 3)ʿ , ! ʿ - !$ (!) # ʿ !$

+41: ,+8ˢ?ˢ 1*50* 0 .0ˢ4+/ˢ06ˢJ .*," ,+8ˢ. 0" * 8ˢ " +8ˢ 40/6 +2ˢ".6+8ˢ,".+40 ˢ 6 "& ˢ
2.*6ˢ,. 4 *."08ˢ3+.6+1 ˢ3+1 ˢ4 /ˢ) * .ˢ3+T8ˢ 0402.*6ˢ05 015ˢ,2 - 5"+ 08ˢ1 .61 08ˢ (ˢ ˢ
09+ -ˢ06ˢ ,9 ˢ,5* 61 ˢ. ", "2 08ˢ5.+"1ˢ * 06 +8ˢ"1*9.ˢ.4 - 14 -ˢ 0 0ˢ *ˢ7+ - " 1ˢ
2+8ˢ ,4 " 2+8ˢ 0*.61 08ˢ *ˢ 5+ 5+ .ˢ.,.40 - .,ˢ 0 1 ˢ<+4 ,08ˢ1 4 . <ˢ., 6 2+*ˢ
.0 . (50 .61 + -ˢ.4ˢ ˢ !5. 6 -ˢ *ˢ ,.". + -ˢ9 .4 2+8ˢ51*6 2+ :0ˢ" 9*0 8ˢ5. 6 -ˢ
+2ˢ3+ 3+0ˢ516, .6ˢ *ˢ:. 6 " - ˢ"1,ˢ. 0.ˢ 6.2.*6ˢ % -ˢ . 1ˢ "0*6 $ˢ0". *90*6 2+8ˢ
6+2 8ˢ"09.6ˢ$1"1*ˢ *9 04 +*6+ ˢ.4ˢ 1 08ˢ0/,056ˢ. E+ " 1ˢ - .9*1ˢ5.".6 66 .9 6 $ˢ06ˢ
.4ˢ 09 + -ˢ670.6 + -ˢ404+,+*6+ ˢ'+2 4051 6+ -ˢ0 6ˢ40, 06+ -ˢ. 0.ˢ. 90*6,.ˢ *,"+ + ˢ
3+. -ˢ0/ˢ"09.6 8ˢ4+1ˢ7+ - 0 8ˢ + 8ˢ.4ˢ - .<1 0 -ˢ:0*0 .6 1*0 -ˢ.ˢ9 .4 2+8ˢ.+".,ˢ.4ˢ 0+ -ˢ
"1,+ -ˢ + 6+"0 .*6ˢ 2ˢ$1 .* 0* (ˢ5.+,.ˢ5 .0 .6+8ˢ40ˢ$1"1*1 + -ˢ0 9.ˢ 090 -ˢ,+"6+ˢ
.,ˢ 6+4 1ˢ.2ˢ01ˢ40 - "0ˢ506 6ˢ:0""06*0ˢ 3! ˢ3+1ˢ .60ˢ 0* ,+8ˢ 0/ˢ$1"1* .,ˢ4 6+8ˢ
0 06ˢ 5 ˢ,1 . ˢ1 J0 ˢ 0, 6. 3+0ˢ + -ˢ 0 51*4 -ˢ0 "06ˢ5".,0 0ˢ,1*:0 .ˢ.4ˢ 0* ˢ
,+ -ˢ1 .6 1*0ˢG+14ˢ 0" /ˢ .+ 6+ - 3+0ˢ 6ˢ *3+ 6ˢ 0*.6+8ˢ03+ 608ˢ ,060 3+0ˢ $1"1 ˢ
* .0ˢ06ˢ 67+.* .0ˢ 4 *08ˢ *ˢ 09*ˢ,1 - 6 8ˢ<+*1ˢ1 0ˢ60ˢ 090 -ˢ + -ˢ0 "0ˢ0<+ 3+0ˢ 0ˢ
6. *ˢ".06.0ˢ*+*, + -ˢ.,ˢ40, 06+ -ˢ50ˢ*18ˢ *ˢE."" . -ˢ40 0 ˢ<+"%0 +*6ˢ ,ˢ5 - + -ˢ
19.*6ˢ+6ˢ3+1ˢ.* - 1ˢ 09*+ -ˢ40 6+ ˢ0140 -ˢ.,, 5 .8ˢ 03+0ˢ 5 .ˢ40 - 1* 6 08ˢ 0B
9 + -ˢ40,+8ˢ*1*ˢ - .9 8ˢ 6+4 1ˢ06ˢ:1"+*6.60ˢ90*6 8ˢ 3+. -ˢ09 09 8ˢ6+ 8ˢ *ˢ 0 - 5+2" ,.*ˢ
7 6 .*. - - 0 6 8ˢ60ˢ0 "0ˢ,1* 0,+6+ -ˢ 0 *40ˢ1 .*6 +6ˢ 02+8ˢ6+ 8ˢ,1* 6 6+6 8 3+. - ˢ
5 - + - .4ˢ *.+9+ .6 1*0 -ˢ06ˢ 09*ˢ6+ 8ˢ: 6+6 2+8ˢ40".6ˢ51 "0 1*0 - ˢ.4ˢ," 0*608ˢ
.,ˢ515+"18ˢ6 ˢ. - .*6 " - 18ˢ5 1 4 0ˢ50 9.8ˢ *40ˢ.4ˢ,1""09.8ˢ,1*:0 8ˢ. 90*6,.ˢ
.6,. 0 0 . ˢ<+ ".ˢ 3! !ˢ5 1 0 6+ ˢ.63+0ˢ71*1 ,0*6 " - 0ˢ 6.6 -ˢ1 0 6+ 0* 04ˢ
09ˢ0"0 1ˢ5 1ˢ *4;ˢ61ˢ6 + - 57.61 ˢ - .9*1ˢ - 1/3+0ˢ - 50 .61 "0*6 1.<1.* 0ˢ
0 2+ 61ˢ 0* ,ˢ<+ "+ˢ 0, 6.6+ ˢ6 %51 6ˢ 0,0* 6.ˢ05 0151 + - ˢ5.".6 *1 + - ˢ,. 60"ˢ
".*1 + -ˢ.,ˢ 0*.61 + -ˢ*1 - *.ˢ3+.6+1ˢ0" 90*4ˢ,.+ .0 - 0 - 1 .2.*6+ ˢ 5"0*41ˢ. ˢ
-) .0,&."0 1 + - ˢ + - - .ˢ*.6+ .0ˢ.,ˢ 1 6+*.0ˢ *ˢ 0* ,1ˢ1 *. - 0*6.ˢ.6ˢ41608ˢ
5"+8ˢ *ˢ 0 - 5+2" ,. -ˢ 7 6 .*. -ˢ - , 6.ˢ5. + -ˢ40ˢ +4 2+8ˢ5.6 - 1* ˢ +ˢ *ˢ
ˢ$1"1* . -ˢ * 0 0*4 8ˢ 0, 6.61ˢ40, 061ˢ3+14ˢ ˢ 9 "" 8ˢ - .6+ -ˢ0 .6ˢ$1 *.* 0* 8ˢ
5.+,.ˢ +2<0, 6ˢ' 06ˢ 0,+*4+ -ˢ0+ -ˢ ,ˢ 7 61571 +8ˢ .40: "" +8ˢ 67+.*1 + -ˢ*1B
- *0ˢ3+ˢ$1"1* 8ˢ4 9* 6.60ˢ0/.03+.*6 ˢ > ˢ7.0,ˢ 0* ,+8ˢ.4 8ˢ40*+1ˢ 01ˢ256 - 1ˢ
- ./ - 1ˢ 09*ˢ 4 * 2+8ˢ 5 3+0ˢ"09.6 8ˢ9 .6 8ˢ3+14ˢ<. -ˢ0,0 .6ˢ40, 06+ -ˢ71,ˢ
71*1 ,076 " - + -ˢ 2ˢ9 .6" - + -ˢ - +"ˢ.,ˢ<+,+*4 " - + -ˢ0 0ˢ5 1 , +.ˢ0 6ˢ:1 ˢ
,.613+0ˢ.4ˢ 0ˢ + ."61ˢ,.*,4". 1ˢ5"+ 2+8ˢ0+ -ˢ.4ˢ1 .6 1*0 -ˢ"09.61 + -ˢ 0 1*40 0ˢ
<+206ˢ 8ˢ 9 6+ ˢ ,ˢ1 4 6+ ˢ +""+ -ˢ51 6ˢ71 - *+ -ˢ - 0 - 1 . -ˢ - .<+8ˢE."" .0ˢ.,ˢ$1 ˢ
"1* .0ˢ20*0 , + - ˢ, -ˢ - +"6.ˢ.,,050 *6ˢ 7.,ˢ.+9+ 6 " - .ˢ0"04 1*0ˢ.ˢ 01ˢ4.6+ -
"+4.6.3+0ˢ 0*.6+8ˢ5 +40*6 .ˢ 0 :.0ˢ .0 . 8ˢ06ˢ "0/.*4 ˢ .,041* 8ˢ,/0 - 5"+ -ˢ
ˢ - 04 + -ˢ.66+" 6ˢ' 3+1 + -ˢ."60ˢ4 9 " - 1ˢ404 6ˢ - 50 + - ˢ."60ˢ +5 0 - 8ˢ:0 2 8ˢ
4. ˢ - .*4.: 6ˢ4 9* "" - + -ˢ: 40 ˢ0+ -ˢ,+<+(:16 8ˢ$1"1*1 + -ˢ + .9 ..**+0 *6ˢ
3+0 -ˢ.2 0*60 -ˢ5 .0 0*6 2+8ˢ5 1,+"ˢ51 6+ -ˢ * 6 - 8ˢ0/60 + -ˢ + 8ˢ5 .06+"0 *6ˢ
,+ - 3+0ˢ.*60ˢ,.50 0ˢ 090 -ˢ3+. -ˢ0/504. 0ˢ - ."+0 *6ˢ 0* ,+ -ˢ6."0 -ˢ9 .: " - 1ˢ
1 6 -ˢ.,ˢ *6090 - ˢ 0*.6+8ˢ0"19 1ˢ<+4 ,.6+ -ˢ?3+. -ˢ0/504.6 1*0 -ˢ +ˢ,1*, ˢ
6.:0 6ˢ.5+4ˢ." .8ˢ90* 08ˢ0. *ˢ *ˢ 0" 3++ *ˢ60 - 5+8ˢ.5+4ˢ +18ˢ6+6.6+ + -ˢ. - 5" ,.6+ˢ
+ - 3+0ˢ 090 -ˢ .6 0 -ˢ$1"1*1 + -ˢ,.+ .ˢ20*0ˢ - 0 6. -ˢ40ˢ 0ˢ5. 0*60 -ˢ.,ˢ4+",0 -ˢ
5.6 . -ˢ40 0 0 0ˢ$1"1* . -ˢ*+*,ˢ0ˢ5.6 . -ˢ0 "0ˢ %+ *ˢ *ˢ"09.61 + -ˢ9 .6 . -ˢ +2ˢ
0, 6ˢ 0 0* 6.60 -ˢ +. -ˢ*0 - * ˢ5"+8ˢ3+. -ˢ"09.6 8ˢ4020 0ˢ' 3+18ˢ*03+0ˢ"1*9 6+41ˢ 6 ˢ
<*0 8ˢ*03+0ˢ: . + -ˢ. 50 6.8ˢ*03+0ˢ616ˢ *60 <04.0ˢ*.6 1*08ˢ.,ˢ "+ - *.ˢ.ˢ + 00561ˢ
"09.6 1* 8ˢ - +*0 0ˢ 06. 4. - ˢ.44 6.ˢ7.,ˢ 09 8ˢ*1 - *0ˢ .+ 6ˢ1 - * 8ˢ,".+ +". ˢ5. - +8ˢ
3+1ˢ *18ˢ 0ˢ:1"+*6.8ˢ06ˢ 7 6 .*.0ˢ 0 5+2" ,.0ˢ. - 1ˢ:1,.6ˢ G+.0ˢ+"6 - .ˢ:1/ˢ 0ˢ
3+0*6ˢ.+4 61 + -ˢ9 .6+".*6 + -ˢ.4 - + - + .6 1*00/,056.0 6ˢ 1* 0 6 - 3+0571*. 0

& ' 09 .0 41 - +8 7 ; - * + - ' 01 ' ,04 * 0 + * 6 ' 090 3+0 5 "0 / 190* + ' .55" ,08 09*.?
$ 6 8 ' 61 0 - ' ,10" ' .41 . + * 6 ' 0908 5 1 ' . 2 6 1 0* + * 4 . * 60 - ' . , ' 40 6 6+0*6 - ' $1 63+. - '
+ 0/0 + * 6 ' 0/ ' 5 1 ' 0 0*1 : +"6+ ' .4 .6 8 1" + - ' . , ,040*8 7 6 . * 1 6+ 0+ .
. - 5"0/+8 . , ' 401 ,+".6+8 0 6 ' %+ * ' 5 . * 4 ,+8 .60 ' 06 0* ,+8 .:. 1 + - ' 0/
1 1 +8 .4 1 ,+"+ - ' 5. 60 ' .4 - E ' 060 ' 5 , 508 ' 04 4 5. ' 4 9*.6 1*0 ' *1:+ - '
090*. ' :0*0 .6 ' + * 6 ' 09.6 8 3+13+0 $1"1* 8 1 60 - ' 09 8 + ' 40/6 . - ' +.: . ' 4.B
6+ - ' * 4 * .6. ' <. - ' 4 0 ,1*:0*6+8 4 - 66 6+ ' 8 06 40, 06+ - ' . 90*60. ' 670, . ' 60 + - ' * '
,"+ + - ' 7+ - 0 8 A1.* * 8%1 - , .0 06 * 4 0.0 . ' #E1 R. ' .4 . . - ' 5 1/ - . - 60 - 5" ' 40 '
51* 6+ ' 40 ' 06 ,+ 614 .0 $7 " 55 ' + ."6 ' ,1 - - "+ - ' . * , ' 1"0 - * 0 - ' ,0 0 - 1 '
6 . - ' 0/ ,05 6 .91 ' * 90*8 61 - 0*61 + - ' 616. ' + 20 .63+0 * ' . - . - 0*6. 1 609 1
5 .0, 5+0 4 5"1 1 + - ' 06 *14+ * + - ' 05+"+ - ' * 1" 6. ' - .9* ,0*6 . "09.6 8 . ' 090 *
2 +5. . ' 4.6+ - ' * 0.*40 - ' 0 - ' 04 6. ' . * 7.2 6. ' " 6 * ,0 6+ - ' 1 .6 1 "+,+"0*6. ' .
A1.**0 (. 1 U (. - 1 , 1 ' ,+<+8 * 1 - 0* ' " 2 8 4+12+8 40 0*.6+ 5 .0 , 56+ - ' "09 6+ '
3+18,+ - ' . 1"0 (91* ' 0 "0 .2 . - , 8 , ,05 "0 - ' ,1* 0 " 1*0 . : 1 - 140 6 " - 1
J / 6.*40 - ' 0/61 6. ' ,+ - ' 2 1*1* .0 0 "0 - ' 0 - ' 6. ' 7.20 0 51 60. ' * 63" 0/ ' (. * 0 : '
* 60 ' 0 +4 618 , 56 8 "" 8 * 1 - * .6+8 - .<1 0 - ' 51 60. ' - " 6. 8 9"1 . 0 .+40 - ' 0 5 .
- 0 + 6 ' 02+8 20""1 1 6 " - 0 90 6 8 ,1*6 . ' 1 ,18 06 + 6 . , . - 41 - + - ' < +6 20""1 06
619. , ". 6 - +8 - 0 6 a ' ,0* 0 ' 4020.6 '

' . # ' 06 . - ' J . * 4 ,+8 ."4+ * +87.+4 12 ,+ .0 . - .0 <+ ,1* +"6+8 ' 06 . '
,1: 0* ' . , .40 - .0 ' * ' - 1 8 71 - * 0 - ' 5 .0&0* "06 ' * 6.+ . * 4.0 40 6 * .6+8 ' 1 .6 1 '
* 0 - ' .4 0+*40 - ' (. + - ' 0:+"9.: 6< 3+. ' 06 0+ - ' +6 " 2 1 + - ' 40 0*.6+ .+41 0 - ' ".+4. '
06"09.6 1*0 - ' $1"1* , . - ' +6 - . / - 0 1 - * + - ' ""+ 6 0 - ' . " . + - ' .21 - * ' . * 6 3+ '
.60 0506 6. - - ' ,1 - 5. .6 1*0 ' - +"6 8 :0 2 8 0/61"" 6 ' 8 51 60. ' 0240 - ' . * * 1 ' 4 '
1: ' +606 .0 . * * 18 6. * 6+ - * .6+8 * - ' .61 ,1* ,0"" 6

% ' 7 i ' . ' 40, 061 0, 6.614 0 * 1;+8 0/ 09 8 .6 8 <+ "++ 20 . ' . - .6+8
0/3+ 6. ' - .9* ,0*6 . ' * 9 0 "+8 0 6 ' . ' 51 6. ' D * 61* . * . ' .4 53 6.8 + 3+0 5.".6 ' +2 ?
+ . * ,1 03+ 6. * 8 0+ - 3+0 6 . * 0+*60 - ' - .9*1 ,1 - 6.6+ , :08 .+ 6 8 . , , ". - .6 1 '
* 2+8 090 - $1"1* .0 ."+6.:0 0 ' 6 + - 57." 2+8 . ,+2+85."" - 06 ." 8 .4 504. ,+ '
"+ - ' 51 6 8 6.6+ 8 . , ' 5 4+ 8 ' 3+.8 - .9 6 .6+8 + 2 8 5106 , 8 06 ." 8 * , 56 1* 2+8 '
$1"1*1 + - ' ".+408 ' ,1* ,1 4 . - ' .6 + - ' , : + - 3+0 * ' 018 6+4 . ' 60 6. * 6 2+8 ' 1 * .: , '
. * 6 ' $1 60. ' 06 09 * . ' * ' ' .60 . * 8 .04 2+8 ' 3+.0 * ' 53 - 10 1 <+ 2 8 <+ /6. ' +5. . . '
+ * 6 ' "09.608 * 14+ * 1 ,1*: : 1 0/ ,05 6 ' 2 ' 0 - 16 8 - 0* 8 050*60 5 .0."6. ' +508
.55. + 6 * +) 1 0/60 * . ' - 16+ 0 , ,+ - .90*8 ' ,+<+8 * ' , . ,+ - * 2+8 / : ' * ; - 57. , '
616 40 - ' E."" . , ' 5 1: * , .8 0 0 0*608 : 02.*6+ ' 3+.0 * 12 "08 0 09 * .0 9 ; * .0 ,01
5+0"".0 , . * 6 ' .0 ' 51"" ' (0*018 , . * 6+8 ' 06 0, 6.6. ' .4 "; .0 5+""+ - ' 0/3+ 6.0 ,"09. * '
6 .0 , . - * . ' * ' E."" .0 06 * 1: ' 09 8 ".+408 . ' $ ' 1* . 41 06 A1 ' + .61 . 8 7+<+8
.0: ' "+ - * 2+8 .4. ' * ' 5". * + - ' 0 ," :1 40 00*40 + * 6 ' +6 +. ' - + * 0 . ' 0* ,1 $1"1B
* .0 09 ' 1 0 0*6 ' * 40 .4 ,71 0.8 :0 .0 ' * .+4 6 8 5 +8 - .0. * 4 8 06 * 1" 6 8 ." '
6.6 1*+ - ' .4 :1"+56.60 - ' 0/ ,19 6.6. + - ' 9; 8 ' 1 4 * 0 06 ,1 - 51" 61 ,1 51 8 90 6 '
4 6 * 4 8 ' 4 * ' 16 1 1 + . ' 1,+"18 0*+0 + * 6 ' "60 a ' 51"" 4 0 ,1* +"6+ - ' : + - ' 0 6 ' +6
A1 ' 9 (21 1: +8 * ' $1"1* . - ' 5 .0 - 660606+ ' 3+ ' 0*.6+ - ' ,0 6 1 0 - ' . ,0 06 40 .4 8
"09.6 1* 8 ' 40 09 8 5 1 04 1*0 ' 06 60 - 51 0 .4:0*6+8 * ' $1"1* . - ' +6 20*0 , . '
09* ' .4 * .+9+ .6 1*0 - ' 04 41 :1, . 0*6+ ' "%+8 06 . ' 090 ,1".+8 * 90*0+8 '
. - 2+" 06+8 ' <. - ' - +"6 8 09.6 1* 2+8 - .9 6. ' ,+ - ' 5 +40*6 .0 ".+40 40 + * 4+8 ' 3+ '
0*.6+ - ' 01*:0* 06 ' 06 09 8 * 1 - * 0 9 .6 .8 .90 06 ' 3+14 ,1 - - 0*4.6 1*0 6 . ' .5+4
5 18 .4+ - ' 0 "06 ' +6 * ' .6 8 0"04 1*0 - ' ,1* 0* "0*6 ' " ' 4 :0 8 6 * 0 2+8 * ' $1B
"1* . - ' 5 3 04 + * 6 ' 5 1 ' (21 1: +8 3+.0 + * + * 0 8 0 . * 6 * 60 ' +18 0/0,+6+8 0 6 '
. - 2+" 06+8 5 - + - ' 1 - * + - ' A. ,12+ - ' ') ,7. * 07 + - ' . ,7 05 ,15+* E*0 70* 0*
.4 6

' . 0 ; 0 $ ' U ' ' 9] 3 $ 3 ' 5 6 ' 2 0$ ' 2 / " ' 5I '
2 &.)$ # C])3$ 2 5 - ! ! !)2 ' ' 0 " #$ / !63$ R '

' 1 7)ˁ *ˁ %ˁ _b

% *ˁˁ $ ˁ ˁ *ˁ ˁ $ ˁˁ ˁ(ˁ #ˁ ˁ ,ˁ 44 ?%

ˁ0 .6ˁ06ˁ,+<+8ˁ5 .0, 5+0ˁ +0 .6ˁ0 9.ˁ*1 6 18ˁ 0 - 50ˁ9 .6 .ˁˁ 3+1ˁ ."+6.61ˁ51""ˁ9 .ˁ N 0
6 .8 09 8ˁ*1 - *0ˁ.4.8ˁ - .9*.ˁ,+ -ˁ.* - ˁ2,*0:1"ˁ 9* , .6 1*0ˁ)6 *3+0ˁ4 ,0"%+ -
06ˁ 1: 6 .ˁ . - 2+"06+8ˁ h . .: . -ˁ506 6ˁ06ˁ **. -ˁ 09 8ˁ40 +*4ˁ 1 1 0 -ˁ 3+.0
*ˁ. ,0ˁ+ 2 8ˁ4 :0 .2.6+ ˁ 6 40 -ˁ+6 + 3+0ˁ 09 8ˁ*1 - *0ˁ ."+6.: 6ˁ" 60 . 3+0ˁ.2ˁ+6 1
3+0ˁ0ˁ51 0/ 6ˁ .ˁ3+.ˁ: , """ -ˁ . , ,056 8ˁ .4ˁ 090 -ˁ$1"1* .0ˁ " 60 8ˁ 51 6 4 0ˁ "C. -
:0* 6ˁ J .*, , ˁ ."" * ˁ . ,1: 0* 8ˁ05 ",15ˁ . ,0 -ˁ .2ˁ01ˁ 71*1 ,0ˁ0/ ,056+8
*40ˁ6 4+ˁ 6 *0 0ˁ . ,1: . -ˁ.66 9 6ˁ) . ,ˁ51 6 4 0ˁ *ˁ 0*.6+ -ˁ *6 14+4+8ˁ0.40 -ˁ
3+.ˁE *0 *0* 0 -ˁ. ,7 05 ,15+ -ˁ1 .6 1*,ˁ.""1,+6+8ˁ0 .6ˁ+* :0 + -ˁ 0*.6+ -ˁ,1 - ?ˁ
50"". : 6ˁ 3+. -ˁ . ,1: 0* 8ˁ, . 60"".*+8ˁ0/ ,05 6ˁ06ˁ?5. ˁ :0 21 + -ˁ71*4 0ˁ 0 - +ˁ
*0 . : 6ˁ ˁ ʍ

& ˁ ˁ ˁ,1 . -ˁ 5 1ˁ . - 2+"061ˁ *ˁ 0*.6+ˁ40"20 .6+ -ˁ + 6ˁ40ˁ .6 1*0ˁ20""ˁ,1*B
6 .ˁ 1 ,+ -ˁ90 0*4ˁ) 3+0 *ˁ0/0 , 6+ -ˁ,ˁ03+ 6+ -ˁ ˁ,1 - 5. . 0ˁ06ˁ,+ -ˁ01ˁ 67+.ˁ
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0140 - '4 0' / :'S." ' 1: ' .4' +6 1 3+0' 0 51* .'4.6.' (056 - .* ' 51 60.'? "" ."4 ' *'
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.**1 - . ' ,' +6' 40' 8' ,1*:0* ' *1*516+0 6' 0/.,0 2.6 8' .* - 8' 061 - " 85., 8'
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3+0' , 56.' *'3+ 2+8' *1*' 5. + - ' - 1 - 0*60' .4' *,0*40*418' .* - 18 + 6 ' .63+0' * '
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6 5.". - 5+2" , .6+8 .4 5 .05. .*418 04 6 1* .* - 1(:+"9.6+8 06 0140 - 60 - 51 0 " 20 J .*,1 E."" .06 6+ 1< 3+1 - .9* *1 - * 8 +. .06.60 <+ ,1* +"6+8 5 12.60 * 6 6+ 09*+ - ""+4 *60 7 6 .*1 + - 5 *, 5.6+8 "1 0*6 - +* *1* 70 04 6.6 < <+ 0 +6 5 : .6. 5.6 - 1* . 04*12 " 6.6 8. , 515+" <+4 , 106 + J .9 8 40 0 1" 6+ * 06 +6 0" 90*41 + - 09+ - .+41 6.60 - 6. 06 .24 , .*41 + - 06 0/.+41 .*41 + - 5160 6.60 - 50*08 09* ,1 - 6 . 06 5+2" ,+ - 90*6 8 ,1* :0*6+ - .*6 3+ 6+8 0/6 6 "0 0/0 - 5" 8 0/ $7 " 55 &."0 A1.** 8 . 1" & . 1" : . , 40* 3+0 +41: , 60 - 51 2+8 0506 6 8 4 :0 1 - . / - 0 + 906 1 - * 60 - 51 0 +6 . +, ,0" 1*0 " 0 . 5+2" , .1 - * 5 1,+ .6 1*0 - +" 0 08 0/,"+ .8 + "%0 " +8 06 051" +8 " 20 - +"6 8 6.6 1* 2+8 0/0 - 5" 8 06 . 9+ - 0*6 8 . - 5" , .6+8 .*60 ." 3+16 .**18 .9402+69 , .0 12" 4 1* 8 60 - 51 0 * E0 - .* . 04 6+8 * 3+1 3+.0 6 1 40 1204 0*6 . - .9 6 .6+ 0/ :0 21 0 402 6. + 0 50 6 .4.6+ 06 1204 0*6 . - 01 402 6. - * * 6. - 71 - * 2+8 * 6. - 0 "0 40 - 1* 6 .6+ . , 5 1 *40 " ,0 0 +24 6 8 ,+ - . - .9 6 .6+ : 1".* 6+ . - . 6+6.*4 + , .+ . 0/504 60 .40 - 50 " - 0/0 - 5" 3+.0 6 1 . , ,0* 8 51 60< .4 04 6 1*0 - .* - 8 - +"61 50 * , 1 +8 0/.9 6.6. 06 . - .<1 + - 0" 9 1* 8 ,+"61 2+8 ,1*6 . 0 5.6 + - 06 ,1*, " 1 + - 40, 06. +606 .0 .9*. . , 1 4 * 8 * . - . *01 - *1 0 5+2" , .0 6 .*3+ "" 6.6 8 4 50*4 1 06 .4.6. 0 6 * 0.*40 - 0 - 4 . "19+8 $1" 6 ,0 *1 - *0 40 5160 6.60 .+41 6.60 06 1 , 1 5 *, 5+ - . , 5 5+" " 20 6.60 0140* 60 - 51 0 * 5+2" ,+ - 0/ : 6 + - +".6+ - 06 .4 - .<1 0 - * : 4 . - 050 6 6+ - . 2 0** 1 ,1* " + - 3+14 P "10 68 .*603+. - . : . .0 09 * .4* .+". - :0 6 "%06 * 6+ - + 0 0 02.6+ 40 J .*4.%+ , 4 - 50 * 6. +2 .2 1"+6. - 51 60 6.60 - 04 90*4. .4 4 +21 *.6+ - . .91 , .*,0"". 1 06 .40 .*1 ,1 - 6 0 $1*,06+ - 3+0*4. - 3+ 51 6 : . .8 50 09 *.6 1*08 . 51*6 ,0 ($06 61 3+0 41 - .6+8 12 , . - , .+ . - :+"9 03+08 *4 906.2.6+ 8 .4 090 - 09 *. - *4 *+6 *6 14+4+8 : . . 09*. 0 "+ 6 . "0 . 02.6 04 *+"". - * 8 5 *, 5+ - 5"0*. - 51B 60 6.60 - 050 "0 5 .060 3+. - *%+6, ,1 - 50 1 * 3+1 50*08 + - - + - - 50 . 61 0 - 1 - * + - : 6.0< 4 9* 6.60(06 21*. +*6 4 .+60 - 7.8 5 .0, 5+0 12 .6 1* 0 ,1* *90 0 3+14 *+"" " *6 * 671 - .* ,1 - 50 1 - .9*.608 *+"" 3+ *1* . 5 * , 5 8 *+6+ 06 I. 2R 1 50740.*6 0 3+0 - .9* 6+4 * 8 +.0 *, 0 - 0*6. 4020.*6 *+""1< *12 "0 85 .060 5 .0 1 .*18 3+ : "9G 1 - * " .550"".*6+ 06 50 3) 18 *0 *.6." + - . - " . + - .+6 4 9* 6.6+ . 5 .0 19.6 : . .+6 0/,+ .6 1*0 ,+*4 . 41 *40 * 6 12 03+ : *,+"1 12" 9.6 ,1* 6 *9+76+ *+"". - ." . - 01 0" 9 1*0 - 5 .0 60 0. * 3+. - 5 0 ,1" 6 .4 - 6, * * 5 1: *, 8 *+50 20""1 5. 6 8 *3+ 2+8 *0 .4 1" 6+4 *0 - 04 9 *6+ .40 - 56 8 40 ,060 1 1 - * 2+8 21* 8 4 9*) .6 2+8 06 40 0 " 9 1*0 4 5+6.*4 " 20 6.60 " ,06 *4 90* 8 +. - 0" 9 1*0 - 06 *0 0*+"". 5 .0 60 0. 5 15 . *9+"1 + - 21*. *+"".8 60 .8 .+6 4 6 1*08 20*0 , . .8 0 6, ,+*4. . , 5 *, 50 - 50 6 *0 0 . 5+2" , .* 8 .4 - * "R.6. .+6 *60 5 .061 .*18 . , - " 608 . , <+8. 2 6 + - .**+.6 - 4 : . *403+0 - - 0* 18 616 - * 6 1 - - 6+ * 5.48 6+* 20"" + - 56+8 0 *03+0 15+8 0 0 , .5 6."0 :04 9." 3+14 .09 0 06 .2 * : 6 8 0/ 9.6+ *+"". "1, . - +* 6. * * " - 6 2+8 ,1* 5 , 5 .060 0. . , .*1 - 50 4 .9 +6 ,+* 5 15 + - 3+ 4 .+6 70 04 6. + - *0 - 1 7.20.6 1" 3+0 3+ 5 *, 5 150 . - *. : .*6 35 2+8 .4 : 6. * .2+*40*6 +* :0 * 0. 60*+ 6.60 409.*6 +6 3+. - : 8 4+ . - 0 : 6+60 - 0 : 0*608 .* - 8 06 : 2+8 .4 .+40*4+ - *6 - 5. 08 8 . $1*,061 ,15 1"0 0/5 1 6 8 .2 0140 - 3+.0 6+ - 37. : . * 60*4+ - : 40 06+ +6 .2 1"+6. 09 . 51 660 648%+ , , .0 0/0 - 5"1 * J .*, . ,1* 6 6+ 51 "06 .4 7.0, .+60 - " + - 0 51*4 ""0K < ,0 08 .*60 1 - * . 40 - 04 1 61""0*418 06 *12 "0 8 0* - , . 50*418 *. - ,+ - * 09*1 6 082 4 *08 *6 018 ." 1 + - 3+. : *4 ,08 06 . "0 61 08 0 0 06 09 .05160 6.6 8

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3+1ʿ3+ 3+0ʿ90*0 1""1 ʿ0 6ʿ40"0 ʿ51 "0ʿ ʿ*03+0ʿ40 +6+ .8ʿ. 608ʿ3+ 2+8ʿ ʿ3+0 8ʿ20""ʿ
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6+ ʿ,.+60ʿ 0 :.*4+-ʿ0 "0ʿ*0ʿ 0/ʿ4 9* 6.608ʿ71*1608ʿ-+* .ʿ5+2" ,.ʿ 8ʿ.+6ʿ *ʿ01 - -ʿ
9 .6 .-ʿ,+ 3+.-ʿ6 2+.6ʿ *: 4 1 .8ʿ06ʿ +-56+8ʿ50 ,+" 3+0ʿ5"0*.8ʿ5 .0 0 6+ .8ʿ .+6ʿ
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:. 6.ʿ " .ʿ,1 51 .ʿ3+."ʿ." -0*61ʿ*09.60ʿ.4ʿ -., 0-ʿ5.+".6 -ʿ.44+,.*6+ ʿ.051 6 0-1ʿ
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2 " 6.60ʿ *ʿ, : 6.6 2+8ʿ06ʿ+62 2+8ʿ018ʿ5060*418ʿ3+ʿ506ʿ7.0,ʿ20"".ʿ.ʿ 09 8ʿ5. 6 2+8ʿ - ʿ
* - 0ʿ 6060 *6ʿ3+ 2+8ʿ + +8ʿ +2R6 8ʿ06ʿ .,61ʿ164 *0ʿ5"020 13+0ʿ1 - * ʿ5.6 1, * 1ʿ40 6 ʿ
6+6 8 ., "0ʿ 160ʿ+6ʿ6161ʿ 09*1ʿ, : 6.608 - +* 6.0ʿ -10* 2+8ʿ06ʿ5 15+9*.,+" 8ʿ*+40*6+ ʿ
. ,08ʿ5 1,0 + -ʿ.,ʿ*12 " + -ʿ4 6+.*6+ ʿ06ʿ60" 9 1ʿ3+.-ʿ60/ʿ5 12.:0 6ʿ,+ -ʿ5"0*.ʿ +.ʿ
5160 6.6 ‹ *0 - *0ʿ *ʿ51 60 + -ʿ,1*6 .4 ,0*60ʿ -06+ʿ.,ʿ 6.2 " .6+ ʿ :+"9.61ʿ0.ʿ40ʿ
0ʿ" 20""1.ʿ$1*,06+8ʿ03+08ʿ. - . +"0*61ʿ.4 - 14+ -ʿ 06 561ʿ *6 57.6 - ., ʿ6 6+"1ʿ 0 51 ?ʿ
4 6ʿ3+1ʿ,."+ - * 1 0ʿ 4ʿ 2ʿ. 4+ -ʿ4 , 6‹*03+0ʿ 0ʿ6. - 4 +ʿ *ʿ5166.ʿ 671 - .* ,.ʿ*0#ʿ
3+0ʿ6+*,ʿ ,+ -ʿ,1* " + -ʿ "10" 8ʿ * 6+ -ʿ *9 6+6ʿ *ʿ .+".ʿ + "0ʿ *03+0ʿ40ʿ0.ʿ 0ʿ .+6ʿ
,19 6."%0ʿ +*3+. -ʿ.+6ʿ,1 . -ʿ6090ʿ 09 *.3+0ʿ ;0 2.ʿ 0, ,0ʿ *6 57. - .,+ -ʿ ""+4ʿ .ʿ
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6.6+ - ʿ3+1ʿ50ʿ ""+4ʿ$1*,06ʿ,1* " + -ʿ - .6+ .6. -ʿ(.*2. 671"1 - .0. -ʿ,.6* , *. -ʿ
4 , 6‹ 06ʿ .4ʿ$1*,06 .* 0 51* 66 6+ + - .""+40*8ʿ.2ʿ7+‹+ - 14ʿ0/60 *1 + -ʿ.63+0ʿ
.4016 .* - . *1 + -ʿ - 1 + -ʿ *60 51".61 2+8ʿ:0*0*+ -ʿ051 , .*1ʿ5 *, 5 %0*4.0ʿ
,1 - 6ʿ 1*9.: "".0ʿ +"" 1* ʿ06ʿ) 6 ,0* ʿ4+, 2+8ʿ .:.6 .0ʿ 09 *.0ʿ 5 .*60ʿ." B
3+16ʿ.**18ʿ ʿ "0* 1* 1ʿ5 15 *.6+ -ʿ,1* - .6ʿ0.40 -ʿ50 60ʿU 1 - 1 .*6 + - . . ʿ
&"". -ʿ06ʿ%71 0+ -ʿ0‹+8ʿ .6 08ʿ506 618ʿ#51 60.ʿ * 4 .8ʿ 1*4.01ʿ **1,0*6 - 1ʿ5 *ʿ
,5ʿʿ . *+6+ -ʿ: ,041 - *1ʿ%+ 0*.0ʿ : ,0,1 - 6ʿ06ʿ 1*50* 0 1ʿ 5ʿ.0ʿ 0" *1ʿ
0‹+8ʿ " 1ʿ 6 +4.8ʿ 8ʿ +40* 0 -ʿ,161 60 -ʿ06ʿ 7.: * + -ʿ.*6 3+.ʿ*12 " 6.60ʿ 40ʿ *ʿ 0B
90 - ʿ5 06.60ʿ *ʿ - .‹1 + -ʿ 0" 9 1*0ʿ ,1"0*4.ʿ ""+ 6 0 8ʿ3+14ʿ 1*50* 0 1ʿ 5 + 3+,ʿ
. - " .0ʿ.44 4ʿ0 "0*6ʿ ,."+ - * 8ʿ.5+4ʿ 090 -ʿ.2ʿ7. + -ʿ .+4+ -ʿ 1* . , *.61 2+8ʿ
-." 9*0ʿ6 .4+418ʿ *60 0.ʿ4 9* 6.608ʿ71*1 08ʿ20*0 ,.ʿ 8ʿ*09.6.ʿ ,1*6 .ʿ". 9 6 1ʿ
*08ʿ * 6."18ʿ 4ʿ .40 .*ʿ06ʿ .9ʿ14 1 .44 6+ - ʿ,1"".6.8ʿ516‹1 .ʿ0/60 8 0"1,.6.ʿ
05 015.6+8ʿ." .3+0ʿ ,10*12 .ʿ 40 -ʿ,1* " .616 2+8ʿ.66 2+6.ʿ 43+0ʿ 6+4 1 0ʿ 0 ʿ
+6ʿ 5. 8ʿ4 " 4 8ʿ.,ʿ.0 - +".6 1* 2+8ʿ.,,0* 8ʿ 0*1:.6 3+0ʿ.*6 3+ 8ʿ" - +"6.6 2+8ʿ5 1ʿ
,0 08ʿ *60 0ʿ ,1 - - 66.*6+ ʿ06ʿ3+14ʿ*0,ʿ 0 1ʿ*0,ʿ:0*0*1ʿ516+ 6ʿ .*9+ *1"0*6+ .ʿ
""+4ʿ,1* " + -ʿ50ʿ 5 1 + -ʿ - .*+8ʿ0/ 6+ -ʿ7.20.6ʿ ,ʿ 1*"+, + -ʿ,1*6 .ʿ . - : ʿ
". -ʿ *, 6.6+ -ʿ ,ʿ "1+ . -ʿ06ʿ , 0 + -ʿ,1*6 .ʿ,19*.6 1*0ʿ 2ʿ. 4.ʿ,1*‹+*418ʿ ,ʿ
40* 3+0ʿʿ& "". + -ʿ,+ -ʿ 1 - 1 .*6 8ʿ 1 1 8ʿ " 8ʿ,1 - - " + -ʿ 43+0ʿ. 6+ʿ06ʿ 6 ʿ
9. -ʿ*1:1 + -ʿ71 -) + -ʿ .4+ - ʿ3+ ʿ,+ -ʿ*+50 ʿ504 2+8ʿ."2 8ʿ *ʿJ .*, . -ʿ:0*0 * ʿ
50 ʿ.4+".6 1*08ʿ06ʿ - .".8ʿ. 608ʿ.4ʿ *: 4 5 18ʿ 1*1 08ʿ0:04 ʿ71,ʿ.9+*6ʿ+6ʿ561,0 2+8ʿ
6161ʿ 09*1ʿ155 0 8ʿ06ʿ20*0ʿ"+0 6 8ʿ5 .0 - 1ʿ1 - * ʿ0/,"+ 8ʿ 5 ʿ 1"ʿ 0 + -ʿ516 .*6+ ʿ
06ʿ5 1ʿ:060 0ʿ.,ʿ"09 6 - 1ʿ - 50 1ʿ3 1ʿJ .*, .ʿ6. - 4 +ʿ "1 + 6ʿ *1:. -ʿ06ʿ * 1"0*60 -ʿ
41 - *.6 1*0 -ʿ.4ʿ 5 +8ʿ50 * , 0 -ʿ *4+,.*6ʿ .0,ʿ :0ʿ.4ʿ14 + -ʿ,5* 4.ʿ :0ʿ0/
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. ' ' (:0 1 6 .70*6". 6. .2 8 6+*, <.4.2.*6+ 3+ 0,0*6 *<+ . 0AJ0 .6 +"6 1* 8 3+. -
5 50 0 + - 0 0 *1* 5160 .*6 5 1,0 + - . , *12 " 6.6 8 .* - 8 5 15 1 50 ,+"1 .4
40 04 1*0 - 1" , 6.6 8 1, , . 1*0 - 3+.0 02.*6

02+8 1 - * 2+8 .4 *1: 609 8 5 1 04 1*0 - ,1 - 5. .6 8 0/ 3+
.6 0 - .4 09* + 3+0 *0 8 5 1 03+ 6.6+0 .6 - 1 21 .6." 9 . : 60 .4 " 4. ,105 6
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" 6+ - 02.*6+ - 0 - 1 08 3+.0 + - - +8 4 - +".*4 . 6 ,/ 5 .0 - 5.6 0*6 . *60
- *.6+8 06 - .6 06 .6 0"%06 *03+0 9*. 3+. 6 *1* 51*60 *1: +8 0/ E."" . -
V 0" *3+0 06 +8 +2 4 # .40 .*+8 E0 - .* . - ,+ - 50,+* . 50, 0+6 0*
,+ - 4*$1"1* . - 0+*60 - ,1 - 6. 06+ 0 +6 40"04+87.20 06 06 *0946 + - .(,71 .
20 9 1 ,+ - .+ 1*0* 06 +41: ,1 . "2: 1 0<+8 .6 0 *,71.6+ - .4 0/ 6+ - 50
4+,0 06 ." .44+*6 +640 40 + - + .5+4 090* 0 <. - . 6 4 0*60 - +6 * .+".
.050 . , , 4 6 51"%06 0/, 6. 06 06 *60 - 4 9* 6.60 - .2 0*6 . 6+0 06+ 0 / & .B
"0 . 50 , (+0 1*08 & 6 . ,+ - .6.".+*1 + - 155 4+ - .4 .6 1*. - 5 1,0" 0 .6K
+2 7.+43+.3+. - 0 - 660*60 - 1 21 ,1.4+8 0 6 +2 60 0 40 - + - 3+0 7 0 0/ 06
0* ,+8 0<+8 .60 60 4 : 4+*6 ' 06 51 6 ,1 - 5"0/+8 +6 *3+0 4.608 0* ,+8 +"60
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1 1 1 167. *9 .0 4+,0 - .9* ,0 06 1 - * ".0"6 6 .0 9* , .6 1*0 0/,056+8 0 6?
".+4 . +/1 " . - 0,0*8 0* /. 0 .6 5 1 3+. * . , 1 .*41 ". : . , 1 $1 *.* 0* 8 06
,1""09.0 29.6 7 6 .71 6+ 40<+ 0 0 ". - 1*6 + - 6.*40 - :0*6+ - +2 4 + *
. .*1 ,+ - 0* ,1 4 "04 " - 1 " 1 ,1""1,+6. 5. 0*8 51 6". ,7 - .8 +20 +8 5 1 +
.8 0+ - 51 6 0 - 1 4 - 66 ' 06 ,+ - "0* 1* 1 *03+.3+. - 5. 60 ."J041 06 . 9.B
6. * , 60 1 0 - E."" . - 04 6 06+8 *,0 0 .6 09 7. - *0 "0*91* +8 0 *<+
1 0 5 06+ - 7. 0*+8 4+ - 0* ,+8 .60 * E."" . 0 06 * 1, ,+"61 ,1*3+0 6+8
0.*40 - 9 .6 . - 3+. - ""0 126 *+0 .6 5060 06 +6 09 8 50 +* :0 6 - 09*+ - "0
9.6+8 40,". . 06+ 06 550 . : . 1*4.0 1 - 1 .*6 1 + - 06 6+ 1 .0 03+
6+ - 6 2+* 1 - 1 .*6 8 .44 4 *1:28 - 16+8 * E."" . 0 0 06 06 5 . - 50* 6+8 .
5+2" , . 0 + - .4 - 7 6 .6 1*0 0 - 1:0 06 43+0 . - 2 6 1 .0 <+/6. 06 + 5 , . , 10
- *.0 167. *9+8 , . 4 *." 8 06 E+ +8 62 .2 "0* 1* 1 06 ." 8 6 - 0*608 50 +.
0 .*6 " . :0 1 3+14 0:0*6+ + - - 06+02.6 4 3+. " <. - .4+ - 09 * + + .6 +6
0+ - . .6 0 ."0*. 06 06 0 ,0 06 +6 . - 5" " - + . 4 - +*+8 . 1"1 167. *9 .0
4+, 90*0 1 +2 3+1 06+ * 0 516 6+ . - 50 .2.6 . 090 40 0 06+ <. - 6+ * 5 1/
- . -) - 1 60 - 5 .0 .9 0*8 06 *0 3+ 4 *6.4+ - *60 0. 0" *3+0 06+ +50"". -
20""

& % V 0" *3+0 06 (+"5 , 1 +"6 . 0 - .*.*60 + " + - .4 1 - *08 1, . "1*08 *60*6+ -
. 5 1 E1*4 1 %+ 1 ,+2 ,+" - .9 "" 1 ,1* 3+ 09 8 * 0 6+ - 0 - 50 *90* + - 0/50 6+8 0 "06
0 8 "20 61 .40 . + - ,1 - 60 03+ 6+ - 6 2+*1 06 $0 06 ,1*6 . * 0* , 20*0:1"0*6 . - +"6+ - 5 .0 4
6 105 0151$. 0* .6 2+8 06 *1* 9*. . 09 *. A@1*0 06 %+ 1 . , *1 8 .+4"1 0 - + "0 3+1 06 5
5. 0*60 :0*0*+ - 5 15 *.6+ - 09 3+ 71 - *08 +. + : .6. - *<+ . - +", 00 06+ 06 +2".61 + 1 1 090
- .6 8 .4 71*1 08 5 - . 08 0 - 0*60 *12 " 6.60 * . 1"+ - :1, .2.6 . - 0" 1 0 * 0<+8 "1,+ - +
5+0 6 . +. 0:04"18 ,+ - . , ,040*6 2+8 ,+ - .06.60 0 61 9 .6 . - . 21* 8 06 +* :0 1 09*1 * 06 0
.** 8 0+ - 0 1 8 5+40 06 0:0 60 0 - 04 6.2.6+ 4B 60 - - %+ + - 0 ,1* 04. :0 :0* *1 06 5 + -
3+0 5.". - 6. <.4".2.6+ (04 .6 1, 1 . - 0 - 1 . .2 +/1 0 :0 E+ 1 506 6+ - :0 510* 60*6 . ,0"0
2.*6 * . , . 4 .+", 090 - <+:0*0 - , - %+ 8 4+4+ - 0/ - 10 1 0 5.+"1 51 6 0/6 0 - + - : 6.0
+/1 0 - $ 121* ." "0**+ - 6 0 - + - 5 .0 4 0 - 4.+ 0 1 2+8 * 6 1 9 . : 8 ,+ - 5.+"+ *
0 6 " . - 5 .0 6.*6 1 - . 10 - *. - 4050 06 0 - "06 06 ,1* 0 121 0 <+:076+6 850 ,+7 - 0: .
%+ + - .4 ." 3+16 4 08 .+". .2"09. "0 " + - :0 1 "0 , 040 0*6 5 1 . ,1* " . 0 + - +*6)8
+5 , .6+ - 3+14 0 .6 6.6 - 0:0 + - ,+ - 090 5 1560 0. .40 .*+8 * E0 - .* . - ,+ - 50,+* .
+/1 0 - 405 070*4 "0 < 3+ .461 6.6+8 0+ - *1* ,+<+8 - .9*. - 5. 60 - *60 :0 6 "0 0 02.6+ 50, 0
1"+ - "0 0 <+ 6 04 *60 - *.6+8 0 6 3+ 40 - ""0 +6 0* ,+ - *$1"1* . - ^, $ " "$; #$
1560 0. +/1 +, ,0* 0 06 0 3+ 0/ 7+ - " "1,1 S 0 $
" + - 50 9 .6 . - 15 2+8 06 4 9* 6.60 .+/ "06 - +6.6. ""0 . 090 126 *50 .6 8 $ 1 4
;1"+*6.60 50 4 6+ + - %+ + - :0 1 .4 5 .0 0*8 E 09 8 - 1 60 - 8 $ 1 4
41"1 0 - 5 .0 - 06+ +55 0 "0 < "04 0 50 .+". -

% $ \=0 "# 0 #6$! 9 1 !#6 - !) # ! #
#)$ 8 . % ! $

ʿ *ʿ ʿ C2=ʿ

20"'' ʿ6*1 . - ʿ ,+ - ʿ3+ .ʿ*+50Nʿ6 .*" 90 .6ʿ50" ʿ 4+ * ʿ (ʿ ʿC .''"1* + - ʿ6+4 . ,ʿ,1 - ʿ &ʿ
60 * ʿ . 1"+ - ʿ ʿ 1 ."4+ - ʿ .*40 ,+ - ʿ06ʿ $ 9 ."". + - ʿ60*6.6ʿ ʿ1
ʿ ʿ+8ʿ 06ʿ $ 9 ."".6 +8ʿ ,+ - ʿA. ,12 aʿ ? 01* 1ʿ +50"". *1ʿ ,1*:0*06.*6ʿ 3) ʿ
51 1ʿ." 18ʿ01* " ʿ ,1* 0 18ʿ7.202.6ʿ ,6ʿ *ʿ 0 +" 0" - + - ʿ . : 40 - ʿ$". *6. - ʿ ʿ - . ʿ
40+ - ʿ = . 41.0 + - ʿ +41: ,+ - ʿ8ʿ& 0* * . - ʿ$1 6. - ʿ<1 . * *0 - ʿ2ʿ%+ 90 + - ʿ $0 ʿ
,18ʿ ,1* +8 ʿ ,1 +56 8ʿ 5 06 1ʿ - " 6 2+8ʿ+ 20 - ʿ1 , ,+5. 0ʿ06ʿ 0. *ʿ 1*1ʿ06ʿ$ 9 ."". ʿ
1ʿ3+ ʿ ,15 .8ʿ . - ʿ ʿ 1 ."" + - ʿ06ʿ& : . * ʿ . *+ - ʿ5 .0 - 0 .*6ʿ<6 .40 0ʿ 0,050 .6ʿ 4ʿ
50ʿ6 . *8 +9. - ʿ ,+ - ʿ .<1 ʿ3+0 *ʿ:40.*6ʿ019*1: "06ʿ 0ʿ,3 - ʿ5 .+, 8ʿ,1 - - +* , .6. ʿ
. *60ʿ1 - * .ʿ 01* + - ʿ + ʿ6+ *,ʿ.90*60 - ʿ, .50 0ʿ 6.6+ 6ʿʿ3+ ʿ50ʿ" ,"1 0 - ʿ, 6.6+8ʿ+6ʿ 0ʿ
<+4 , 1ʿ : 60 06Nʿ,+ - ʿ*1*ʿ5. 0 06ʿ, .56.ʿ *40ʿ1 , , ." 1*0ʿ *ʿ41 - 1ʿ + .ʿ1 , , +8ʿ0 6ʿ .56 8ʿ
" 2 8ʿ0<+8ʿ. ,ʿ,1 - - 0*6. 8ʿ1 41ʿ,1*<+ .6 1* 8ʿ06ʿ*1 - * .ʿ,1* 0 1 + - ʿ5.6+0 0ʿ 9 6+ ʿ
, .56ʿ= . 41*0 +8ʿ$". *6. %+ 90 +8ʿ (." . ʿ 7.06 , . + - ʿ,15 . + - ʿ4+ ,08ʿ 3+ ʿ4 B
:0 6ʿ *60 19.6ʿ06ʿ,1* : 4 ʿ.4ʿ - 1 60 - ʿ6. *40 - ʿ4. - * .6ʿ + *6ʿ,+*!6 8 0 0ʿ$". *6.ʿ0/B
,056 a ʿ ,+ - ʿ.4ʿ"1 ,+ - ʿ +55" , ʿ:0*0 0ʿ 0 - ʿ3+. - ʿ5 .0 0*6 2+8ʿ <+4 , 2+8ʿ .+6ʿ *ʿ61* ʿ
- 0*6 8ʿ ,1* 0"" ʿ 0 . *6ʿ ,1 . - ʿ 5"020ʿ * , . *6 2+8?ʿ G+ .6 4+1ʿ51 6ʿ 0, 6.6 8ʿ5 ." . - ʿ
,1* ʿ,1 - - 0*6. 8ʿ. ,ʿ) 60 8ʿ= . 41*0 +8dʿ 06ʿ51 6 4 0ʿ$". *6.ʿ06ʿ$1 6. ?ʿ,1* . 6 8ʿ
- 0 - 2 8ʿ 16. ,ʿ - 51 6 ʿ 1 6. :1ʿ51 6ʿ4 0ʿ%+ 90 +8ʿ06ʿ (." .ʿ0140 - ʿ +55) , 1ʿ. 0 " ʿ
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- 0*6 8ʿ,1*<+ .6 1 8ʿ1 4 *0ʿ0/5" , .60ʿ4. - * .6+8ʿ06ʿ5 14+ 6+8ʿ3+14ʿ." 3+ . *41ʿ+ 2 8ʿ
5 .0 04+8ʿ0 .3+0ʿ 0ʿ *12 " 6.6 8ʿ5 .0 19.6 : . - ʿ.4056+8ʿ0 "06ʿ 71*0 6 1 0ʿ: 6.0ʿ0/ 6
.5 60ʿ6 + *, .6+8ʿ0 6ʿʿ ,15 8ʿ *60 0.ʿ 1* ʿ06ʿ$ 9 ."". ʿ4" .5 8dʿ 06 5 68ʿ40 .41ʿ3+ ,2ʿ
3+. - ʿ 0ʿ 0 0 : "0ʿ50 *09. *6 2+8ʿ 8ʿ, . +8ʿ5 .05. .6 8ʿ<. - ʿ.4ʿ*1: a 8ʿ - 16+8ʿ. * - 8ʿ*1*ʿ
- 04 1, 0 8ʿ 6 - +"18ʿ .44 4 6ʿ3+. - : 8ʿ 0/ʿ50ʿ" 60 .8ʿ,1*<+ .6 1*0 - ʿ4060 6. 06+ ʿ 0ʿ
* 0 1 .ʿ6+ 2+"0*6 8ʿ71 - * 2+8ʿ3+ ʿ - ."0 , 1ʿ ʿ*1 - 0*ʿ 09 + - ʿ ." 1ʿ5 .060/0 0* dʿ
* 6. - ʿ4 4 6. *8ʿ06ʿ3+. - ʿ5 1 *40ʿ5. ʿ 0&0 6.60ʿ.2ʿ 5 . : *4 , .6. - ʿ9.+40.6ʿ<ʿ71 6. ʿ
2.6+ 3+0ʿ *0ʿ5 1560 0 .ʿ . * - 1ʿ,1 - - 1:0 0*6+ ʿ .+6ʿ3+ 43+. - ʿ40ʿ 0ʿ * ,"0 - 0*6 +8ʿ
+ 5 , .6ʿ6+ 2.8ʿ ,+5 0*6 2+8ʿ.+ 08ʿ5 .020 0*6ʿ 04ʿ *ʿ1 , 1 3+14ʿ06ʿ 50 06ʿ,1* 6. *60 ʿ
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#E. + - * .0ʿ .0 6+. 1ʿ7.202.6ʿ06ʿ ,+ - ʿ. - .6.ʿ2 0 .0ʿ ,+] 7 + *4 * ʿ*1 - 0*dʿ50 ʿ
(. *61* ,+ - ʿ" 6+8ʿ5 .6 , . - ʿ,1*6 *+ 8ʿ0/ ,+ 1* 2+8ʿ . , 02.6ʿ ,+ - ʿ.4ʿ?ʿ ,60* 0 - ʿ *?ʿ
+". - ʿ0/ 00*4 "06ʿ.ʿ3ʿ(.+<1*0ʿ06ʿ 1 - . *1ʿ 6 0*+ 8ʿ4+41 2+8ʿ +50"".ʿ6+* - 1ʿ") 0 ʿ
6 1ʿ5 1 04 8ʿ7 0 - 0ʿ0/+6+8ʿ0 6ʿ .56ʿ3+ ʿ *ʿ0.ʿ2 0 - 0ʿ0 . *6ʿ06ʿ3+. - : 8ʿ: 6. - ʿ.2ʿ
: . - ʿ5 .4 ʿ *ʿ + 20ʿ4. - * .6ʿ. ,ʿ, .5 6 8ʿ +55) , 1ʿ. 04ʿ + *6ʿ .40 - 561ʿ5 1:1 , .6 1* 8ʿ
20*0 , 1ʿ ,7. * +8ʿ50 ʿ * +". - ʿ.+ +9 6ʿ,+ - ʿ ʿ$0 0 1ʿʿ3+ ʿ. - 21ʿ6. *3+. - ʿ,1*6+?ʿ
- . ,08ʿ.4ʿ - 1 60 - ʿ4. - * .6ʿ + *6ʿ - .9 * 2+8ʿ 5 1 + - ʿ 9*1 . * 1 0ʿ5.6 2+"1ʿ. / 8
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* . - ʿ . , 02. *6ʿ. * - 18ʿ5"0 .3+0ʿ"1 , .ʿ3+ .0ʿ60*02. *6ʿ 1*2 + * +8ʿ * 0" * .6+ʿ 1 ʿ
* + - ʿ.4$ 1: *, . ,ʿ,1* * . 06ʿ *ʿ,1 - 6.6+&0*. 0 *0* ʿI *0 2 + - ʿ - + * 6 " - . - ʿ
. 00 - ʿ*+50ʿ1 , ,+5. :0 .6ʿʿ+ *40ʿ 06 1ʿ5040 *ʿ 0 0 0*68ʿ *ʿ.9 + - ʿDE .6 . *151 6. *+ - ʿ
515+". 2+ *4+8ʿ *9 04 6+ ʿ .0: & .0+ - ʿ15+"0*6+ - ʿ.4 - 14+ - ʿ,10*12 + - ʿ126 + * ʿ ʿ
, .6 85 .0 4 . 84 5 6ʿ - .9*140ʿ 0 60 1 0ʿ 5. 1ʿ 6.ʿ+6?ʿ . 67+ .0ʿ * .<1 8ʿ 1 ʿ
4 ."08ʿ. , ,0561ʿ5 .0 4 1ʿ 0ʿ - + * :0 *6ʿ ʿE". *4.9 +8ʿ0140 - ʿ60 - 51 0ʿ : ʿ - " 6. 8?ʿ
3+. *3+. - ʿ$ 160 6. *6 + - ʿ414 * .0ʿ - * - 0ʿ .44 4+8 ? .+ 1*0 - ʿ155 4106ʿ. ,0
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ˢ ˢ ,.* 8ˢ,+-ˢ :0* 1*0* ˢ5 .0 041ˢ *4+, 8ˢ5.4 8ˢ.ˢ,. 4 *."0ˢ ˢ -0* .,1ˢ50, -.ˢ,1 ˢ
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3+14ˢ -.9*. -ˢ$ 160 6.*6 2+8ˢ *: 4 .-ˢ,1* ".: 6ˢ 3+. ˢ01 +-ˢ,.+ .ˢ .5 * 8ˢ.,ˢ".6 1ˢ
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. ,08ˢ:." 4 8ˢ5 .0 4 8ˢ -.6.8ˢ 60*02.*6ˢ) * :0 +8ˢ 60-ˢ2 0*0. *ˢ5.9+8ˢ01 - -ˢ
5. 608ˢ"03+02.6+ ˢ,+ ˢ *,+ 614 .-ˢ4.618ˢ *61* 1ˢE .- -1*6.*1ˢ ˢ$1*6 +8ˢ . .ˢ
5 .00 .6ˢ06ˢ *40ˢ *ˢ +2<04. -ˢ&. ,1* .-ˢ,1*6 *+ 8ˢ515+".6 1* 2+8ˢ0/,+ 02.6ˢG+.0ˢ
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.*60 8ˢ 02+8ˢ.4ˢ, : "0 -ˢ.4 - * 6;.6 1*0-ˢ06ˢ20""ˢ90 0*4 .6 1*0-ˢ50ˢ *4+, . +*ˢ
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6 +0" 8ˢA.,12+8ˢ ˢ(""R8ˢ +5 1 6 ˢ,1* 08ˢ " 9 +8ˢ,1 -08ˢD .+* 0* 8ˢ *ˢ 0,+ 4ˢ
0"9 ,.ˢA1.**08ˢV(.+" +8ˢ%.:.* +8ˢ: ,0,1 -08ˢ +9* 1 +-ˢ +41: ,+8ˢ]ˢ$,+8ˢ ˢ
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ˢE1*4 +8ˢ .40 . +-ˢ,1 -08ˢ03+ 6+-ˢ6 2+*+8ˢ 190 +8ˢ 0""19. 4 8ˢ 0"". : "".ˢ
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20""1ˢ: 6+6 8ˢ.41"0 ,0*608ˢ0/ˢ*12 " 6.60ˢE."" ,.ˢ. -5" +8ˢ"1,ˢ +-ˢ 8ˢ$1 - 51* *ˢ
$0""0: 0+8ˢ 09 8ˢ *ˢ$1"1* .ˢ 1 .61 ˢ+6 +(ˢ06ˢ& 4+8ˢˢJ.20ˢ$ 2 ., +8ˢ"1,1ˢV "09 ˢ
"" ."4 ˢ 09 4 +8ˢ 1."" +8ˢ .,ˢ& *,0*6 +8ˢ?ˢ .+ 0+8ˢ 1*6 8 09." 8ˢ05 ,15+<
51*6 , 8ˢ"09.6+8ˢ ". -1*6 +-ˢ+ 3+0ˢ5 1,0 0 .*6ˢ12: .-ˢ0/ˢE0 -.* 8 7 61571ˢ
+8 40 ,ˢ$.".6 *ˢ 0560 -: ˢ " +8ˢ060/ˢ0.40-ˢ .- " .ˢ;ˢ$. :.0 506 .0ˢ5 *,058ˢ
06ˢ +41: ,+8ˢ . 1: +8ˢ,+-ˢ 09 *.ˢ *ˢ. ,.*1ˢ40ˢ 0"9 ,.ˢ0/504 6 1*0ˢ01""1,+6ˢ ˢ50"ˢ
3+18ˢ :0"+6ˢ 6 *0 8ˢ4+,08ˢ 0/ˢ$1"1* .0ˢ ˢ%.20 *.8ˢ05 ,15 .# 90*6 *0* 8ˢ714 ,ˢ
040 - ˢ404+, 6+ ˢ.ˢ3+1ˢ50 7+ -.* 60 ˢ0/0056+8ˢ0 6? *40ˢ50 "ˢ 0 - 0608ˢ06ˢ&.* ˢ
9 1*08ˢ.4ˢ 70*+-ˢ:0*6+ .ˢ3+1ˢ6 .<041ˢ,+-ˢ." 60ˢ,1 - -140ˢ.+6ˢ73*0 60ˢ*1*ˢ5 1 ˢ
06ˢ 0 40"20 9. -ˢ.4ˢ$.".6 *+-ˢ 0560 -: +-ˢ 6.6+ 6ˢ4 :, 60 0ˢ< .4ˢ3+0 *ˢ,+-ˢ *"50ˢ
.61ˢ:0* "06ˢ 1" 6+41ˢ ˢ. ,0ˢ 050 6.ˢ5 -1ˢ + 504. 09ˢ + 6ˢ06ˢ,+-ˢ71*1 ,0ˢ40ˢ
,060 1ˢ + ,056+8ˢ0 06ˢ6. -0*ˢ*14+ˢ0/ˢ *,0*4 ˢ -06+ˢ 1 60ˢ1 61ˢ6+ - +"6+ˢ6 05 4.6+ -ˢ
+ +8ˢ.2ˢ71 5 6 2+8ˢ 4ˢ06ˢ -1"0 60ˢ.,, 4 6ˢ 09ˢ71 5 6 ˢ3+14ˢ,+-ˢ50ˢ51 6 ,+-ˢ - .ˢ
9 * 2+8ˢ5 , 5+-ˢ06ˢ; 1 +-ˢ ""+ 6 6 -ˢ09 09 0ˢ5 4 8ˢ1 *.6. -ˢ " +-ˢ$.".6 *+8ˢ.*6 ˢ
ˢ3+.0ˢ 0:0 6.6 8ˢ06ˢ.2ˢ1 -* ˢ +,1ˢ." 0*+8ˢ404+,0 06ˢ40ˢ *4+ 6 .ˢ.ˢ6.2+". ˢ *ˢ3+.ˢ 1" ˢ
* +8ˢ405 4+8ˢ0 .6ˢ :0"+-ˢ 0 -1:0 ˢ<+"" 6ˢ' 6.6 -3+0ˢ +2<0, 6ˢ " +-ˢ0 0ˢ3+0 *ˢ0ˢ
1 - * 2+8ˢE."" .0ˢ5 1,0 2+8ˢ,19*1:0 6ˢ -./ -0ˢ1 - * + -ˢE."" ,0ˢ*1 - * 8ˢ 6+4 1 6 " ˢ
-+* ˢ06ˢ *ˢ3+1ˢ5 1 *40ˢ 0/ˢ 06ˢ+* :, .ˢJ .*, .ˢ -.9*. -ˢ06ˢ*+ 3+.-ˢ . ,0*4.*ˢ
A.4+ . - 0,0 6ˢ G+14ˢ3+16 08ˢ 050602.6 616 08ˢ - -.* 6.60-ˢ -+"ˢ06ˢ -5 +40*ˢ
6 . .ˢ 09ˢ.2 0*6ˢ06ˢ$1"1* .0ˢ 09ˢ0/5 12 . 0ˢ: 402.6+ k 013+0ˢ - *+8ˢ7+ -.*0ˢ,+-ˢ
6.*61ˢ71 5 60ˢ .90 0ˢ0/ 6 -.6+8ˢ0 6ˢ ,+- 0/ *60 0.*1*1,,+"6. - *<+ . - "0*6 1
ˢ . 04.61

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,056+8ˢ + +8ˢ +50 .61ˢ 70*1ˢ, .*,1 + 6+*.ˢ:0* 6ˢ.4ˢ 10*+-ˢ 6+-ˢ,+ˢ.ˢ$.*0 8ˢ
*1-0*ˢ50ˢ3+18ˢ *ˢE."" .ˢ 09*+-ˢJ .*,1 +-ˢ51""&."0*6 * .*ˢ ˢ-1 60-ˢ 0" ˢ
, "" -0ˢ06ˢ.+ 5 ,.6 -0ˢ 6.2 "6+-ˢ0 6ˢ 6.3+,ˢ, :08ˢ+ 2 8ˢ 090-ˢ:0"+6ˢ1 9 *0ˢ ++-ˢ
06ˢ 62ˢ,19*.6+-ˢ1-* 8ˢ71 5 6."6.6 8ˢ90*0 0ˢ71*1 .:0 +*6ˢ *40J+"4.-ˢ 6+-ˢ,10ˢ
12 +-ˢ616.ˢE0 -. .ˢ,0"020 -+-ˢ+2ˢ 0/ˢ,+-ˢ"1,ˢ ˢ5 .0 +"0ˢ .6."ˢ 1- *ˢ
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506 6ˢ. h ""0"-1 0""2 +-ˢ5 *,50ˢ06ˢ*1 6 . +-ˢ5. 6+-ˢ 0-50ˢ 6+4 1 "" -1ˢ,+*ˢ
ˢ, -ˢ03+ 6+-ˢ1,,+ 0*60ˢ0/3+ 66" - 8ˢ71*16 2+8ˢ01ˢ"1,ˢ. 0 6+8ˢ % .<041ˢ40 /ˢ
ˢh + 9ˢ.4ˢ)ˢ 0*.,+-ˢ5 4ˢS."ˢA.*ˢ06ˢ ˢ "2ˢ.4ˢˢ%1 9.-ˢ05 0-: .6 8ˢ(./1*,ˢ
155 4+-ˢ(./5*+-ˢ,.-518ˢ0-0* +8ˢ0 6ˢ.2ˢ +9+ 61ˢ 0560 -: 1ˢ * ."+6.6+8ˢ3+14ˢ
.ˢ: .ˢ- "6. ˢ5 1,+"06ˢ.090ˢ, "06ˢ7.0,ˢ0* -ˢ0/,+ .6 1ˢ + 6ˢ 04ˢ.ˢA1.**0ˢ . - 1ˢ
. 1. 1ˢ90*0 1ˢ 1,0 ˢ -.*4.6+ˢ.4ˢ 5 +-ˢ,+-ˢ*, 1ˢ03+ 6+-ˢ" ."..-ˢ+ 3+0ˢ:0ˢ
* 0*60ˢ0/,056+8ˢ3+ˢ.4ˢ+"6 - 18ˢ(./1* .0ˢ *0 8ˢ 5 +-ˢ,+-ˢ01ˢ,1- 6.6+ˢ5 1 0,+6+8ˢ0 6
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0-+-ˢ .*402+ 9 ,+-ˢ" - 60-ˢ.66 9 6ˢ0/ˢ,+<+8ˢ .- .ˢ 1 + .0ˢ5 *,058ˢ$1"1ˢ
*,ˢ 09*ˢ20*0 , . +8ˢ 090-ˢJ .*,1 + 6+-ˢ.4ˢ 40 .-ˢ 0+ˢ& .4 +-ˢ3+ˢ$1"1*1ˢ
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5 15 *3+. ,6ˢ: ˢS."ˢJ02ˢ12: .-ˢ$1"1*1 +-ˢ.4ˢ 4ˢ40 6 *.61 +-ˢ6+ -.-ˢ7.2+ 6ˢ
3+ˢ,1* 0 6 -ˢ0/ˢ03+ 8ˢ40 00*40*608ˢ 090-ˢ,+ +ˢ 09 1ˢ06ˢ.50 61ˢ ,ˢ+6ˢ.2ˢ1-* 2+8ˢ
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6 1*0 3+.0ˢ04 6.ˢ0 6ˢ 090-ˢ,1-50"".: 6ˢ9 .6 .8ˢ.90*8ˢ3+14ˢ01ˢ6.*40-ˢ50 :0* 06ˢ
+2ˢ+* :0 1 +-ˢ:16 8ˢ4 +ˢ0/156.6+8ˢ90*6 8ˢ$1"1* ,.0ˢ 40-ˢ12 03+ +-ˢ06ˢ" *9+".ˢ
0-ˢ0 9.ˢ +18ˢ 0908ˢ12 0 :.*6 .-ˢ0/50 06+ ˢ %+ *ˢ+6ˢ1 60*40 0ˢ3+.-ˢ71*5 ,0ˢ
06ˢ +--.ˢ,1* 0*" 1*0ˢ 01ˢ-0*608ˢ$1"1*1 +-ˢ 090*60ˢ 0/ˢ0"04+8ˢ0 060ˢ,1- 6 1ˢ
+-ˢ.0 6+8ˢ,. +8ˢ1 4 *0-ˢ.,ˢ0 0-ˢ-+"6 8ˢ:0 2 8ˢ50 03+ 6+ˢˢ06ˢ.4ˢ0/6 0-+-ˢ 1ˢ
9.6ˢ06ˢ156.6ˢ+6ˢ .+ 6 8ˢ1- * 2+8ˢ.,ˢ0" , 2+8ˢ.+ 5 , 8ˢ *0.6ˢ 09*+-ˢ .63+0ˢ.4ˢ 09 .*ˢ
+ 20-ˢ3+.-5 -+-ˢ 0ˢ50 9.6ˢ > ˢ0.5.+, 8ˢ *60 .6+-ˢ 090-ˢ0/,05 6ˢ& 4+8ˢJ.20ˢ
$2 ., +8ˢ3+ˢ5. ˢ0"09.*6 .ˢ.4ˢ . *,1: ˢ1 .6 1*,-ˢ 0 51*4 6ˢ06ˢ5+",70 -.ˢ: ˢ
.4ˢ 51* .-ˢ404+4ˢ 1-5. .6 1*0ˢ 090-ˢ: +-ˢ0"04+-ˢ-+"6 8ˢ:0 2 8ˢ.551 60ˢ,1- ˢ
-0*4.: 6ˢ06ˢ$1"1* .0ˢ416."0ˢ 09*+-ˢ+- - 8ˢ".+4 2+8ˢ0/6+" 6k.,ˢ 090-ˢ:0* 0ˢ4 / 6ˢ
3+.-: 8ˢ." +*40ˢ .6 8ˢ * 6 +4+-ˢ+6ˢ.2ˢ5 8ˢ 0*.61 2+8ˢ.4- * 6 .*4ˢ 09*ˢ*1 -. *ˢ
06 .6 1*0-5060 06ˢ .2ˢ0.ˢ*0ˢ".6+-ˢ3+ 40-ˢ+*9+0-ˢ4 00 "+ +8ˢ* ˢ .+6ˢ60-51 +-ˢ
.6 1ˢ.+6ˢ5+2" 0.ˢ+6 "6.8ˢ." 60ˢ +.40 06ˢ,+-ˢ:0 1ˢ.2ˢ * .*6 .ˢ6.ˢ* 6 6+6+8ˢ"6ˢ+6ˢ* 7 "
5 06.60ˢ,+"6+ˢ 0ˢ.*6 3+ +8ˢ7.20.6ˢ156. 0ˢ3+ 40-ˢ*ˢ 0ˢ"1*90ˢ1-* +-ˢ-./ -.ˢ06ˢ
3+.ˢ ."+8ˢ.* -. +-ˢ:0 6 6+ ˢ*+"".-ˢ *0 0ˢ4 5. 6.60-ˢ.0ˢ4 "" - "6+4 *0-ˢ 0*60*ˢ
6 . +-ˢ3+14ˢ06ˢ 0ˢ20* 9* 6.60ˢ." 3+.*41ˢ +6+--ˢ 50 06ˢ *60 0.ˢ5.48ˢ06ˢ6 .73+ "ˢ
"6.6 8ˢ.-.*60-ˢ,.".- 6.6+-ˢ06 .-ˢ06ˢ -."1 +-ˢ3+.0ˢ0/ˢ20"" 8ˢ, : "2+8ˢ1 +*6+ ˢ
."0*1ˢ -1ˢ5 15 1ˢ50 ,+"1ˢ*1*ˢ 9*. +-ˢ71 6. ˢ1-*0 8ˢ+6ˢ,1- -+* 2+8ˢ06ˢ,1*ˢ
<+*4 8ˢ 0,+-ˢ 6+4 8ˢ *ˢ0. *ˢ,+ .-ˢ *,+-2.*6ˢ*0ˢ+""1ˢ3+.0" 61ˢ,1"1 0ˢ 0,+ 6.8ˢ
5./ˢ6 .*3+"" 6.8ˢ06ˢ.- , 6 .ˢ-+6 .ˢ- *+.6+ˢˢ."13+ˢ1 0ˢ+6ˢ"1 0*6 " -+-ˢ71,ˢ
09*+-ˢ4+-ˢA0ˢ + 8ˢ: 2+8ˢ,1* , 06ˢ"+4 2 1ˢ06ˢ5 .04.0ˢ 1 0 8ˢ%.6. 8ˢ.+6ˢ." 8ˢ
2. 2. 8ˢ0/51*.6+ ˢ %+ *ˢ+6ˢ,1- -+* 8ˢ5. 0*6 8ˢ. 04+ˢ06ˢ.* -1ˢ:0* "0ˢ 090-ˢ
1 60*40 06ˢ,6ˢ + 5 , 1*0-ˢ."0*0ˢ.ˢ*1**+"" 8ˢ0 9.ˢ."18ˢ20*0ˢ. J04ˢ.* - ˢ61""0 06
0"04 1* 8

% $ ˢ ˢ: #ˢ ˢ 0 .ˢ ˢ% ˢB ' ˢ > ˢ ˢ 4 ' ˢ
> ˢ 2 .'ˢ ˢR ˢ ˢS ˢG0 .'ˢ / >G ˢ / ˢ % 6 ˢ ''ˢ8 ˢ ˢ *ˢ
> ˢ ˢB *ˢ Vˢ . ˢ \ˢN U$B ˢ/ 6 (ˢ ˢ FC6 [

PP'

&'404 1* 8' +.0'20*0 , + -'+* :0 8' *' 1" 4+ -' 5 + -'4020 0'60 6.6+ '5 1'+* :0 2
B ' ' + -' ."+6 < 09* ' . .5" 6+4 *0' 9"1 .'*1*' - 141' .,+"6.608' .,' 1 6+*.8'1 - *0 8' 04
: 6. -'06 . -'06' .*9+ 0 -' 5 1 +*40 0'5. .6 " + -' G+.0' .'$ 2 ., 1' *1*' 5"+ -'
+ - - 1' :0 21 + -' * 61 0' 04' 0/3+ 6.' ,1 - 51 6' 90 6+8' 06' - 14+".6.0' :1, 8'9 .6 .'
4 6.' + * 6' +6' ,+ -' .*60.' 0 - 50 '0"13+0*6 - +8' 7.2 6+8' 0 "06' 6+*,' :0 1' !0 5 + -' +'
50 . "0' : 40 06+ ' 0,' - 04 1, 0 -' 09'0.'. 6 1' 4 9* 6.60 -' ,1*, " .: 6' 3+14' 6."0 -'
: + -' .4' ".6+8' ++ -' 7.20 06' *' 3+1' . - .2 "08' - 1 08' 06' 7+* .* 6.8' ,+ -' .,+*4 .'
,0 6.2.*6'

'. = ,1 2' $1 *.* . -' 6+ -'' 06' *40' 50' 4 ,+"%.8' * :08' .,1: . -'
5 .0 - "2' .40 . + -' ,1 - 60' 3+' *1 - *0' 09 8' 0/03+ 8' (9 - 6*4' +9+ 6' *60 '
0 "06' (,'0* -' .5+4' $1"1*18' *"" 6+6+ -'0 6' +6' * '5 +8' 60' ,1*4 6 8' 40,0 1 8' - B
* 2+8' 0/' .+ 5 , .61' *.+9+ . '51 "0' *1*' , 04.6+ ' .'51 - 5.' - .9*1' .55. .6+' ,0", '
2 .6.' 1 5+8' 40 +*4' ,S* ,7* . % R1, *. -'. ,0 -' - +* 6 " - . -'.' 0' 0/ 6 +4. -'
06' *40' h . 1: . -' .,' h . 1: .'51 6 0 - 1' .,1: . -'4051 6.6+ -' +0 .6' **.' 1?
1 0' * .*60' +*+8' ,+ -' - .9*1' 0*.61 + -' .6 .61 + -' ,1 - 6.6+' 5 1 03+0*60' 06' *'
,+ .'U$.4* ,0* '4055 6+ -'0 6'' .,' 40 - + -' / :' J02' : '3+' .4' +*+8' ,171*0 6.*'
4+ -' +*4 3+0' ,1* "+/0 .*6'.,' - .6 1*.0' ""+ 6 08' "+9+2 '7.2 6+' *'. ,0 -' .4 * .*60 -'
0' ,1*6+"0 +*6 \'$ .0,0402.*6' "09.6' *9+". + -'5 1: *, . + -' ,+ -'5 15 8' :0/ "" 8'
*+ - 0 1' / / / ' 6+ *' 5 - . ' - * 6 '. - 90 ' 0* 0 '067+<+ - 14 ' 40 *' 51 - + -'
- +*4' 9+ . -' 05 .0 0*6.*8' ,056 + -' ,1 1*.'. 0.'.' 0*.61 2+8' 3+ 2+8' 4' 0/' . '
6 1*0' - +*0 8' ,1 - 50602.6' 5 .0 0 02.*6+ ' 03+02.6+' ,1 5+8' 5"+ - 201' "1,+"1' * '
,"+ + -'06' 0 ,1' :0". - *0' * 9 1' 12:1"+6+ - '1 61' 03+ 8' :04+ -'' 06' 51 6' ,1 5+8' 0 0 '
6 .' ' ,+ -' * 9* 2+8' 09 8' 06' 03+' / / /' 09 09 0' * 6 .6' * .78' .6 .6.' 7 *,' *40'
.'"09.61' 51*6 , 1' 06' .'&0*061' 404+,02.6+ ' %+ *' *12 " 6.8' *,0402.6' 06' 51 6' 0. *'
+ 2 8' 0*.6+8' 06' "1*91' 1 4 *0' 5"0208' .4' :' , 1' .6 .6' 1 - *08' ,+ -' , .*40" 8' 06' +*. '
" 2+8' 1' ,1 - 6.6+' *'. ,0 -' 6+ -''' +2' 5 - . .'.040' ,0 0 8' +*4 3+0' ,1""+,0*60' . '
, + -' ,0"02 .6+ - ' 3+1' 50 .41'' .9 "0* 68' .22.8' 090 -' 40 +*4+ -' ".+4.: 6' 4+1'
03+0*6' 5 :.6 8' ., 8' *' ." 8' + 2 8' 60 - 5" 8' - 1 6+1' 5. 0*6.6+ -'0 6

'. # ' +*0 8' 6 6 6 . - ".06 6 ..4:0*6+8*1: 09 80/,05 6' 08' 4 4.'
.4' & 'J02' 3+1' 0/' ,+ -' .4' 8' ." , .8' 0 3+ - "" . '.2' + 20' .,4: 0* 8' $.".6 *'
: "". -' 50 *14. "06' ,10"1 - ./ - 0' 0 0*1' .4' 0+ -' :0*0 0' "0*.61 08' 0603+ 608' <+ 6'
0/0 , 6+8' 50, 0' 04' +6.4' 5+2" , . -' ".06 6 . - '1 *.6 1 0806' 1 - * '90*0 8' ,+"6+' *'
6 +4 " - '$ - +8' *,0402.6', +,0' 5 .0".6.'. 7 05 ,15+8' 'E*0 *0* 8' 704.' :04+8'
,+ -' $1 *.* 0* '06' $06 1' l' ,1: 1' $"1,0* '05 ,15 8' 3+' , ,' 7. 6.618' +*9. ,1'
7.2 6+' 71"1 0 ,1' .+ 1' *60 60/61' +"90*60 8' 0,+ -' 7.202.*6' 18' 0151"0* 8' . '
,7 05 ,15+8' (6.* ".+8' '("1 - 1: , +8' ,+ -'' . - 0*0,0* ' 05 ,151' 06' J .*, ,+8'
. * +8' .,1; .0' ,5 ,15+8' ,+ -' , ,'03+ 6 2+8' 6." ,1' 7.2 6+' * 6 +4 8' 06' 51 6 0 - 1'
&".4 ".: 07 8' :0' +<.; 0* 8' 05 ,15+8' 8' 3+' .4' ."+6.*4+ *' 090 -' 04C0 ,+ -'
- " 8' +0 .6' ,+ -' D' +" - 0* ' 05 ,151' 06' $.".6 *1' .*, , 0* ' - .9*1' ,1 - 6.6+'
03+02.*6+ ' $1 6' 718' .,1: 0* 8' , . 60"".*+8' , ,' 03+ 608' . + 1' 06' . 90*61' *60 60/6 8'
5."" 8' 5"0*4 418' 4+,02.6' %+ *' 5.".6 *' 03+02.*6+ ' - .9*.'51 - 5.' 06' 5 - +8' .B
,1: 0* 8' ,+ -' (.*41 - 0* '5 .0 041' .6 0' 3+' , , ,' 03+ 608' +*9. ,1' 06' (, ;67 ,1'
1 *.6+' (.*41 - 0* 8' 5.".6 *+8' ,+ -' 0* 0 1' .6 0' '4+,02.6' 3+ 2+8' 0 0' <+*/0'
.*6' V' &;<0, - 0* 8' 061 0 60* 8' , . 60"".*' $.".6 *+8 ." " 0* 8' +**1 + -'
,1 - 56+' ,"041* 8' - 1* " 2+ 3+0' ,1 + , .*60 -' 6+ - . -' 0,+ -' 7.202.6' (04' *60'
1 - *0 8' 0 - *02.6' "2066+8 . ,+8' 5.".6 *+8' (.4 0* 8' ,+ -' ,' +*9. ,1' 06' %.6. ,4'
- 1 0' * 6 +4 8' + -' 03+02.6+ '$141" .0' 5.".6 *+8' ,+ -' '03+ 6 2+8' ;' 06' ,+ -' 01

' 67+.* .,

- ! ' :' # ' '4 ' 'N ' ' ' ' 2' 4 ' . ' '4 ' ' * $
'% ' ' ' ' ' . ' L? ' , ' I' $ U$ ' 6 (' '4 .# ' '+ $
2 'a " ! 3$ 2' 5 , * " :2' ' # !' " 6 #6$ 24 " ")3 $ B >#' $

67+.* .0ʿ06ʿ + " .0ʿ5 1,0 08ʿ5 1 - ,+1ʿ1 4 *0ʿ *60ʿ3+18ʿ , ʿE01 9 +8ʿ ʿ .40ʿ &ʿ
: "" +8ʿ "0.0ʿ4+/ʿ& "*0* 8ʿ5 ".6 *+8ʿ *,0402 .6ʿ06ʿ51 6ʿ0+ -ʿ,. 60"".*+8ʿ % 1,0 8ʿ ʿ
N6ʿ (. - 19 6 .0ʿ5 .0 0 6+8ʿA1.**08ʿ,ʿ 6 14R 0: , +8ʿ $1 60.ʿ - 04 8ʿ ." 3+16ʿ5+2" , 8ʿ
67+.* .0ʿ - .9 6 .6 2+8ʿ ,1"ʿ 7 61571 +8ʿ .40: "" +8ʿ 6." ,1ʿ 7.2 6+ʿ , *4+8
%.*40 -ʿ.+" 4ʿ - * 6 ʿ 03+02.*6+ ʿ%+ *ʿ!<1* 6.*6 *+8ʿ4+/ʿ ʿ 1: .0ʿ5.".6 * 8ʿ,+ -ʿ
4+12+8ʿ ")8ʿ."60 1ʿ 6."2 + - ʿ ."60 1ʿ 1 ,1 + -ʿ - 1 0ʿ. - 4 8ʿ 06ʿ , , ,ʿ ,3+ 6 2+8 ʿ
0 . ".: 0* 8ʿ5.".6 *+8 ,+ - ʿ&1"7 * 8ʿ + 8ʿ , ,ʿ - 1 0%.6. ,1ʿ * 6 +4 8<?ʿ +" - 0* 8ʿ
9ʿ . 02+ 90* 8ʿ 06ʿ $1 - 0 .* .0ʿ5.".6 *ʿ ,+ -ʿ + 8ʿ E0 - .* ,1ʿ :0 6 65ʿ 06ʿ ,+ -ʿ7 8ʿ
+" , +8ʿ$ +60*+8ʿ ,+ -ʿ / / / : ʿ"1 , .6 8ʿ 06ʿ +2" 70* 8ʿ5.".6 *+8ʿ ,+ -ʿ, ,ʿ4 5. ʿ06ʿ
+*9. ,1ʿ.55. 6+ʿ<?%0*, * ʿ ,1 - 08ʿA1.**08 ʿ&1 * ,0* 8ʿ 06ʿ *4 0.8ʿ 0" 0 8ʿ
4. 60"".*ʿ,+ -ʿ ʿ03+ 6 2+8ʿ (03+02.*6+ ʿ018ʿ ʿ 0 20 61*+8ʿ ,+ -ʿ, , ʿVʿ . - 0*, ʿ
ʿ,0* 8ʿ06ʿ(.: ,1: 60* 8ʿ,. 60"".*ʿ,+ -ʿ ʿʿ *4 0.8ʿD&.51 , +8ʿ,+ -ʿ,ʿ D 0,0* 8ʿ06ʿ
.45 - ,0* 8 ,+ -ʿ " .,ʿ40 - + -ʿ(6.* ".+8ʿ 1* 08ʿ %. *1: +8 ʿ 0,71: 0* 8ʿ
,. 60"".*+8ʿ,+ -ʿ, , ʿ55 6 0 - 1ʿ51 6ʿ,. 60"".*18ʿ 0 1*; - +8ʿ ʿ +C *R +8ʿ 09*ʿ,.*,0" ʿ
". +8ʿ06ʿ 0,+*4+ -ʿ0+ -ʿ *4 0.8ʿ 5." 78R +8ʿ,+ .0ʿ6 2+7+8ʿ ,+ -ʿ ʿ03+ 6 2+/ʿ
6." ,1ʿ - 1 0ʿ1 *.6 8ʿ 504.2.*6+ ʿ)"6 - + -ʿ.9 - 0*ʿ4.+402.*6ʿ, : 6.6+ -ʿ06ʿ1" , 1ʿ
36)ʿ 09 1 + -ʿ5 .0 04 ʿ,+ -ʿ + 8ʿ3+ 3+0ʿ6+ * 8ʿ %+ *ʿ,1* ʿ5 1,0 08ʿ 2.*6ʿ3+18ʿ
40 - + -ʿ, :08ʿ ,+ -ʿ5"020ʿE0 - .* ,1ʿ 6+ʿ. - .6. ʿ, / /ʿ03+ 608ʿ06ʿ, , , ,ʿ504 608ʿ"03+0 ʿ
2.*6+ ʿ 15 8ʿ 6.ʿ * 6 +4 8 0/ʿ 0ʿ * 0 6ʿ &. ,2* 2+8ʿ06ʿ 0":06 8ʿ + 8ʿ 6 5.6+8ʿ ,+ -ʿ
- .9*.5 1,0 + -ʿE.""1 + -ʿ6+ 2.ʿ.4ʿ3+0 *ʿ05 ,15+8ʿ6$"1,0* 8ʿ1 .6 1*0 - ʿ" .2+ 6&ʿ
.4ʿ0. - 3+0ʿ2 0: 60 ʿ06ʿ.551 60ʿ$ 2 ., +8ʿ 0 51*4 6ʿ 4ʿ+ 20 -ʿ +2ʿ:0 50 . +ʿ5 1,0ʿ
4 6 ʿ3+. -ʿ ., 2+8ʿ +2 3+0ʿ.,,0*""8ʿ 5"0*40 ,0*60 -ʿ *ʿ03+1ʿ09 09 0ʿ *5 +41ʿ *N
L9 0 +8 0 6ʿ 50ʿ(ʿJ"1 .*ʿ51 6. -ʿ+ .* ,+ - 5 .0 0 0*6 2+8ʿ ,1* +" 2+8ʿ6+2 8ʿ *40ʿ
,1*, *0*6 2+8ʿ06ʿ *40ʿ - .,7 * 8ʿ,1*6 *+0ʿ .91 0ʿ4 5"1 8ʿ ,.ʿ 090 -ʿ5 1/ - 0ʿ *ʿ
,0402.*6V :0 * ʿ06 04+.*.04+,08ʿ6+ *ʿ - . ,7 1Z ""021: +8ʿ06ʿ." ʿE.""ʿ5 ʿ
1 08ʿ 03+02.*6+ ʿ *9+"ʿ *60ʿ2 *18ʿ5.".6 *08ʿ 71*1 8ʿ,.+ .ʿ4 51 6 ʿ06ʿ51 6ʿ018ʿ
09+ .ʿ06ʿ5 *, 5+ -ʿ"09.6 ʿ 6.ʿ 0/ʿ, ,+ - + .ʿ*1*ʿ 1"+ -ʿ50ʿ: ,18ʿ 04ʿ50ʿ604.ʿ.4ʿ
*1:+ -ʿ 504.,+"+ -ʿ6+ 2.ʿ50ʿ. ,+8ʿ6 + - 57."0 8ʿ.4ʿ. ,0 -ʿ404+ , 6+ ʿ.3+ ".ʿ+2 3+0ʿ
."2.ʿ12: .ʿ. .2 0ʿ .4.ʿ 6.ʿ+6ʿ. ʿ,1* 504+ -ʿ 09 8ʿ, ,+ - :1". 06ʿ06ʿ.""8ʿ.55".+40 0*ʿ
2ʿ *ʿ ʿ(6.* ".ʿ60 - 5"1ʿ - .<1 0ʿ.ʿ,1""09<ʿ 14." 2+8ʿ ."+6.6+ ʿ 06ʿ 6.6 ʿ20.61 + -ʿ
- 2 1" ʿ06ʿ +9+ 6 *ʿ7;* 7+8ʿ.ʿ571*. 0 8ʿ4, . 6.6+ ʿ.63+0ʿ *40ʿ *ʿ5.".6 +*.ʿ.4ʿ,10ʿ
*. -ʿ0 ʿ3+ 060*ʿ 0/ʿ,1*,04 6ʿ $1 6 4 0ʿ *ʿ 0*.6+ -ʿ:0 6ʿ06ʿ50ʿ$ 2 .4+ -ʿ9 .6 .8ʿ
0*.6+ʿ06ʿ03+0 6 ʿ1 4 *ʿ.9 6ʿ06ʿ0"04 1+6ʿ 09*1ʿ" 0ʿ616ʿ1 2ʿ ."+6. 8 0+ -ʿ156 ʿ
- + -ʿ - ./ - + -ʿ5 0 0.6+ ʿL4.6+ + - 3+0ʿ150 . -ʿ 0ʿ4 , 6ʿ+6ʿ,1*,056.0ʿ.5+4ʿ ""18ʿ40ʿ 0ʿ
15 * 1*ʿ,+ - +".60ʿ 0 51*40.6ʿ6+ *ʿ018ʿ 19.6ʿ+6ʿ *.+9+ .6 1ʿ.55 150 06+ ʿ "60 1ʿ
4 0ʿ(.*4 :1* +8ʿ?ʿ . *,1: +8ʿ 09*ʿ 0 0 0 4. +8ʿ 090 -ʿ*12 "6.6 8ʿ*1 - *0ʿ ."+6.6ʿ,ʿ
,+ʿ 09 0ʿ *1 - *0ʿ51 63+. *ʿ 0 51* + -ʿ0 6ʿ +2ʿ :0 50 . -ʿ 0/ʿ ,+ -ʿ,5 ,15 8ʿ3+ ʿ
.40 .*6ʿ ,1 - 5"+ 2+8ʿ06ʿ51*6 , 8ʿ"09.62ʿ *ʿ ʿ . 6 - .0ʿ +50,+". -ʿ ʿ(6.* ".ʿ$1 ʿ
"1*1 + -ʿ5.6 1*ʿ.040 -ʿ50 0/ 6ʿ +2ʿ 01ʿ"., .ʿ40ʿ - 1 0ʿ401 ,+".6+8ʿ +55" , .: 6ʿ
3+. -ʿ,0 0 - 1* . -ʿ 0908ʿ .*60ʿ,1 1*.6 1*, -ʿ42 0ʿ *60ʿ$1"1*18ʿ9 0.0ʿ 0" 9 1* 8ʿ
* 6 6+61ʿ 0,056+ -ʿ0 6ʿ

ʿ / & ʿ *.+9+ .6 1* 8ʿ4 08ʿ:0* 6ʿ,+ -ʿ 0*.6+ 06ʿ5 1,0 08ʿ,1*:0* 0*6ʿ . ʿ
,1: 0* 8ʿ5.".6 *+8ʿ*1 6 8ʿ5. 6 2+8ʿ.2ʿ * 6 1ʿ%0 - 50ʿ.4:0 .6+8ʿ06ʿ3+1ʿ.+41 0ʿ,1*4 ʿ
6 1*08ʿ"".0ʿ *ʿ9 .6". -ʿ$1"1*1 + -ʿ$ 160 6.*6 + -ʿ.,ʿ*1 6 .6 + -ʿ.ʿ 1*"+, 1ʿ0/61 6.,ʿ
+0 .*6ʿ.2ʿ5 1ʿ 1*"+, 1 ʿ ,9 4 1 1."" 1ʿ06ʿ(.*90". 1ʿ.*60ʿ,"04 1*0 -ʿ$"1 ,1: .,
L ʿ ʿ ʿ ʿ : 1*
Iʿ ʿ0 #6] , ʿ , ʿ ;4 1 2 /# !ʿ=ʿ 5ʿ 2ʿ # , 6$ʿ 2a]
:ʿ ʿ% & R ʿ ʿ. Aʿ ʿ ʿ ʿ ʿ ʿ # ʿ ʿ4 ʿ] .# ʿ ʿ 0ʿʿ
ʿ7 ʿ % # ʿ ʿB ʿ N # 0ʿ7+ʿ U .ʿ .# ʿ ? $ ʿ ;ʿ% . ʿ ʿ" ʿ
5ʿ ʿ Uʿ U ʿ % # ʿ ʿ) # ʿ ʿ-/ 6 (ʿ ʿ4 # ʿ /ʿB 6 ʿ Bʿ
ʿ /9ʿG . ʿ ?N # ʿ /L, ʿ ʿ
ʿ

E$ &' (' 1*' . .8' .**1' +5, 1 0' +"< , 56.0' ,+-'0.8'3+.0'$1"1*18' 504.2.*6' *'.4
' ' :0*6+-' 09 8'4 ".6.8' 0 06'3+1' 0/'40' 8'.47 2 61' 0*.6+' 6.6+0 06 ,1* " +-' ,506R '
:060 0-'41"1 0-' 6',1*.6+8'.5+4#h . 1: . .' *<+ .0' - .9* 6+4 *0' +"6+ - 8' 6. '
3+0' *60' +18' 0 - 0 0 .,'5. + -'" 20 6.6'5.6 .0',1*6 .'E.""1 +*' .+408',1* +"6+ - '
4 ,0 ,' 1 6 1 2+8' : *,+" 8'71 - *0 -'. 6+6+ - ' ,' 090 -'.550"".2.6',1* 6 *90*4+*'
0 0' %+ - ' - *.8'.440 0'*1*'1 - * + -'4 0 + - ' 1 0 -'1, , 4 0' - +"618' 40 9*.618'
- .9 6 .6+ -'*03+.3+. -' * 0' + - ' 9 6+ '51 6' 0 -'4 : *. -'50 . 6. -' *' +2" - 0'
670.6 + -' .4' 4' *' .04 6+"" 1'60 - 5"'0<0 6 +4+ -' 0/' . ,034 "%06' 06 *' 01'0"%06' . ,7 '
05 015+8' E*0 *0* 8'+6'5 0,,8'40' - 1 0',170 50 0 ' .,1: 0* 8'5.".6 *+8 3+'.40'
.6' *15 *.61' + 90*8'06'.4' +.0' .4 1* 8'71 - *08' 40*6 40 -' 0 504.*8'61 :1':+"6+ '
MS03+ ,3+. -' *3+ 6'06' 5 0',6'1 - *08'7 0'5 .0 0*608'" 20 ' + - +8' '4.9 6 1 1'" "0*6 1'
4'.9 6+ ' +6' 40 *,058' 0 : . - +8' ' .,'<+ 6.'616'5 1,0 + -':16. 616' .03+.'51 6+".6.' 0/'
+ 6 06+ ' 1*4 6 1*08' 5 151 6.0' *'.4:0*6+ -'0<+8' 0 - %.0' +*6 ' +70' ""0'.4 '
:0* 6' 4'6. - 0*'<. -',1" .6 8' 0 0'1 - * 2+8' 05 .N 4 9* 6.6 8' *' 5 + -'1 *. - 0*6 8'.,'
- . - 0*6 8' 40' 8'."6+ - ' "0*6 + - ' 1*'5.6 . '+"6 .' 0 .'4 J0 ' +6'., , 5 0*4.,'
+*6',1*4 6 1*08' ,6' *'0.8':0 2 8',1*,056 8'<+ .*4+ - ' .+6' - 0'7+ ,' *.+9+ .6 1*' *'
60 ,040 0'. 1'.,'5.". -'5 1 601 ' G+ 2+8' 4 4 8' - + - +'6161' 0 - 5"1'.,' 0 - 6+8'
221 6+8' 0 *'.+4., .', 0 00*60' - *.,08'06',1* + .0' R4 6 1*'5 15 1 08' ;1,08'.+'
4 6.0'<,+ -'$ 2 ., +8',1* +"61' *'.+ 0 -' 090'3+'5.6 0*6 . -' +. - *1 < 04 6 1* 8' 0B
- 04 + -' 04' 6. - 0*6+ -' 1 0' .* - .4:0 60 06' .4' . ,7 05 015+ -',1* ".*6' :+"6 '
,1*:0 '+6' 50 90 06' 06' 3+.' .6 1*0'7+0':0*6+ -'0 "06' " *0',+*4.6 1*0' 4'50 .9, '
06+ ' 09 8' *1 - *0' - 50 .: 6' 090 -'40',060 8'0/'1 4 *+ -' 0*60*6 .51 60.40, 0'
6+ + - ' G+ 2+8' :0 2 8' . ,7 05 015+8' " 20*6 " - 0' 5. + 6',6',1056.0' *.+9+ .6 1* ?'
* 6 6 6'<3+.0'406+ - 0 00*60'5.+".6 -' + 1 0'06' +,,040*60' *'0<+8' "1,+ - 510* 60 6.'
.,'5+41 0' 504.*6 2+8' 8' 5 8'3+',1*6 .4 ,02.*6' - .9*1',+ -'.55".+ +'50 .4.'0""'
+*414+0' 090' ,1 1*.',.5 6'0<+8' 40' - 1 0' - 51""6.' .,1: 0* 8':0 1'2.+4' - +"61'
51""' - .6.' 09 8'5160"".6,'0/' - 10 1 0'.*' .61' +1' *,0 6+ - '40,0"" 6' + +8'70 ,'
6 0*+. -'*.:."%0' 150 . -'& *,0*6 + - ' .+ 0+ -'51*6 , + -'1 .6160 - '6 .4 6' 8' 3+'
5 +8': 6. -' 0 5 68' 0<+ 3+0' 6. -' .5+4' 090 .3+. -'.5+4' E*0 *0* 0 -'. 4+ 871 '
6.6 2+8' .4+* 4 , 6' +6 ;.*90" ,'40,". .6 1*0' .'$ 2 ., 1' .4.',1*60*4' 67+.* .0'
M6 2+*',1* " 1'203+0' <+ 0<+ .*41'5 .060 0.'.' 90' *60 51 61'."1'3+. -'3+14'
1" -' *'."1 + -' 09+ -'.,'5 .0 0 6 -'(9 - +*4' +9+ 6'*+50'40 +*4' *.+9+ .'
6 1*0'5 1 - +"9.6+ -' +0 .6' *'51 60 + -'3+ 0:0 *6' 44 6',6'& *,0*6 '150 .'\ *'
4 0. - P 1 ,7 + -'*.6 1*0' .*+ - 3+'.'A1.**0' '(+0, .0' 090'.4' 0* ,+ -'"09.6+8'
\ +0 .6 0,, "0 .0' 0,1*, " .6+ - '06'0/'0<+8',1* " 1' .05 +8'.4'A1.**0 -' 5" -' , 5" "%0'
(6.* ".1U' h . 0: , 1'0<0 + 6 ,1' 24."41',+ -' .*.,'414 *.0' - .*4.6 8'.,'41,+ '
- 0*6 8',". -'.4' 5 + - ' - "2' .+41 0 -'5 *6 ,'0/6 6 0' +6' *61* + -'$1 0: *+ - '
0/'0140 -' 14." 6 1' : + -'6 .4.*4 8' *0916 8' .55 - 0' 41*0+ -',+ -'. ,.* 8' - . -'
'4.48'.4'0+*40 -' 090 -'"09. 06'+2'*1*'0/ 9+18' 5 19 0 " 8'51 60.' 0, " 0'.'5"0 3+0'
, 04 6+80 6'

' 5 ' 6"" 8' 51 - 5 8' 7. 6 "+4 8' 06' ,060 8' .4' 5+2" ,. -'".06 6 . -' + + 5.6 8'
504.,+" 8' *'$1"1* .'50 1*. 0*6'1 - * .'"1*90'." .' 0 + -' ., 08'.5+4' *18'0 .6'51"@'
4 00 "+ -'*1: ' 09 8'0 04 8',1 - 5"+ + -'.4 08' *1:.8' .* - 8' LG+14' - ."++' 09 *. '
3+1' - .9 8': 6.6+ -',+5 02.6'01'50 * , 1 1 0' - 5 +40*6 .'5 .0, 5 6.: 6' 6.61' "0*'
31*' *90* 1' 50' 0'6+ 2+"0*61' 06'3+ ' 5 06+ -' 0'06' +"504+ -'.*60.' 41"0*8') 6N
1,,. 1*0'4.6.'+"6 1*0 -'5. .2.6' *<+ .0'<+/6.'; *4 ,.*4.0'06' . - 2 6 1*0'0/ .6 .*4.0'
:0"',+ -' 097'0/ 6 1' *60*6+8' + -'01' +41: ,+8' . "2: +8'8' ".* 1*6 ' *'. ,.*1'
'
. ' - , ' I !# ' ' !' #5; ' , ! '# "' ! ' * ' ' '!# ') 3/#
'E'+') !'>' ' -
' "' $ "3' " / ' ' / "$ ') /'8 !)'2 ' 2' '_ # 36
' "#' , ' '% $$ # " !#' J

,90 .6ˢ06ˢ0+6*ˢ20""1ˢ 49R1ˢ4+,0-ˢ-.98ˢ 41*0+-ˢ .6+8ˢ4.-ˢ 09*.ˢ3+.0ˢ76 ,ˢ0/ˢ $ &Zˢ
5,461*ˢ5 .0 4ˢ$1"1* .0ˢ 090-ˢ156.2.6ˢ,1* ".ˢ *ˢ1,0+"61.96.:0 .6ˢ06ˢ40ˢ20""1ˢ ˢ ˢ
3+40-ˢ0<+ 3+0ˢ90 0*4 .61*0ˢ06ˢ,15 8ˢ.,6ˢ4ˢ*0,0"". 8ˢ,1*:0*0 .6ˢ40ˢ,060 1ˢ 10ˢ
-*.0ˢ:.*6.60-ˢ0"+40*8ˢ4 -+".:0 .6ˢ .68ˢ0 0ˢ0/ 6 -.*8ˢ ˢE.""1 +-ˢ1508ˢ.4ˢ
. .+ 1*0 8ˢ .6 8ˢ,1* ".ˢ.,ˢ: 08ˢ.4<6*/ "06ˢ*.-ˢE."" ,.ˢ.+/ .ˢ 1*ˢ* ˢ40ˢ
,98ˢ ,+<+8ˢ:1"+*6.6,- ˢ 09*.ˢ -140 .2.6+ ˢ,1* 0* +ˢ7.20 ˢ51%0ˢ .6ˢ *ˢ. 26 4ˢ
.+ 1*0* 8ˢ06ˢ 1, 1 +*ˢ5160.ˢ1 0ˢ3+0 *ˢ:0""0*6ˢ4+,0-ˢ44 90 0ˢ 8ˢ.+60-ˢ "0*?ˢ
,4* +8ˢ -+"6.8ˢ12ˢ,.+ .8ˢ40 9*.2.6+ 3+14ˢ06ˢ 1" * 1ˢ4+-ˢ: :0 06ˢ. - ,+8ˢ< *.-ˢ
4ˢ0ˢ51 6ˢ "" +8ˢ -1 60-ˢ0/5 12 .6+-ˢ +06.6ˢ< 06ˢ$ 26, 6.*6+-ˢ 02+8ˢ.03+1ˢ0 "0ˢ, , ˢ
40 06+ :ˢ?(< ,3+0ˢ<+4 ,.2.6ˢ . "2: +8ˢ' 090- ˢ3+ 5160*6 .*.ˢ +.-ˢ *60ˢ -.6 0-ˢ.,ˢ
.6 08ˢ.*60.ˢ4 : .-ˢ*+*,ˢ.4ˢ 0ˢ 0:1,. 0ˢ:0""06ˢ ., "0ˢ5. + +-ˢ.2"09.64ˢ<.-ˢ *ˢ$1ˢ
"1* .-ˢ+*4ˢ0/ˢ .6 2+8ˢ."60 .-ˢ20""1ˢ0/60 *1ˢ3+1ˢ5.,0*ˢ41- ˢ7.20 06ˢ06ˢ5.48ˢ
20*, ,1ˢ.- ".-ˢ50ˢ20"6.ˢ, :".ˢ.+64 6.60-ˢ 0,50 . 06ˢ5 .0 , ˢ *ˢ0+-ˢ12ˢ0. ˢ
40-ˢ,.+.8ˢ *ˢ E."".ˢ *60*6ˢ0 .76ˢ$ 160 .*6+-ˢ10+" ˢ06ˢ50ˢ0- . 18ˢ40ˢ + , 5 ˢ
U*41ˢ5.61, *1ˢ +2ˢ 2" , 6.2.*6ˢ5 1".683)1ˢ -.98ˢ,+*4.*60-ˢ *46. 0*6:0 80+ˢ
,1* 48ˢ3+14ˢ -.98ˢ, 04 2 "0ˢ 6ˢ"60 8ˢ *60ˢ 09*.-ˢ .,ˢ$7 "55+ -+"6 146 13+Nˢ
,1- -+6.68ˢ3+ 2+8ˢ0/ 6+-ˢ0ˢ-.6+ . ˢ 9* ,.2.6+*ˢ ,,0402.*6ˢ 03+0*608ˢ 3 ˢ
-1 .*61 -ˢ.421 6.61*08ˢ<3+ ˢ,+-ˢ 0ˢ , 0*6ˢ.ˢ 09*.ˢ 098ˢ$1"1* .0ˢE+ .*18ˢ
5 .04"90*68ˢ. "04 2+8ˢ * 0 : 0*60ˢ, 02 8ˢ40".61* 2+8ˢ .5+4ˢ 090-ˢ *ˢ14 +-ˢ .4ˢ
4+0"ˢ50 ,+"1ˢ +1ˢ60 6 ˢ "0*,1* +-ˢ *ˢ50 ,+"ˢ5. 60-ˢ.44+,0 0ˢ,1*.2.*6+ ˢ "ˢ
403+ 06 85+2" ,.0ˢ50 6+ 2.61* 2+8ˢ04 41 +-ˢ 09 1 +-ˢ: 1".61*0ˢ,6ˢ5 .:. 0 5+2ˢ
",.0ˢ.4- * 6 .61*0ˢ:+"91ˢ.,ˢ5.".-ˢ3+0 02.*6+ˢ< 0.-3+0ˢ ,1*:1,.68ˢ 09*ˢ,1-2ˢ
6 8ˢ,1 ˢ06ˢ0-0*4. ˢ50602.*6ˢ ""1 +-3+0ˢ .4 1ˢ$1" 6 ,1 +-ˢ06ˢ ."0 ,1*60* 1ˢ
+-ˢ12ˢ 4ˢ 2ˢ*1-0*ˢ +-5 6ˢ $ .0, 5+ˢ .4 17 8ˢ *,0*61 08ˢ0 .*6llE+"0"-+8ˢ 1ˢ
-1 .*6+8 ˢ%71 0+8ˢ06ˢ 0* ,)8ˢ %+) 8%+0*.0ˢ: ,0,1-08ˢ ,"1*1 .0ˢ 1 2 8ˢ
%71 0ˢ "+8ˢ< 3+ˢR "4+ˢ.4ˢ "0*31* ˢ.) 08ˢ0/,+2.2.*6ˢ 0<+ 3+0ˢ.* -+-ˢ*1: 8ˢ
+2 *40ˢ + 5 , 1* 2+8ˢ -5"02.*6<.4" 2 61 *ˢ,1* " ˢ 00 06ˢ5. 60-ˢA1 0571 1* . ˢ
41ˢ 1".ˢ36 ˢ6+*,ˢ -./ -0ˢ *ˢ "0*31* ˢ9 .6.ˢ"1 02."ˢ *60 4+-ˢ06ˢJ .*4 ,+8ˢ
Ð 1-1 .*6+8ˢ .- ".0ˢ5 *,058ˢ.2ˢ "0*31* 1ˢ,1* +"02.6+ ˢ: ˢ.*6 33.0ˢ5 12 6.68ˢ
06ˢ3+ˢ5.6 .0ˢ,7. 6.60ˢ 2".ˢ6.*902.6+ ˢ.ˢ .4 1* 2+8ˢ."0*+8ˢ06ˢ5.,84"+4 1 " -+8ˢ
3+14ˢ. 6*ˢ 1"40ˢ 02.6ˢ< +6ˢ3+ 608ˢ "0*32* +8ˢ7 0 02.6ˢ: ˢ6.*4ˢ.+41 6.60ˢ,1*ˢ1
-. 06 .63+0ˢ 4ˢ 04+"1ˢ,.:02.6ˢ +6ˢ3+14ˢ 50,0-ˢ21 ˢ7.202.6ˢ .*6+-ˢ,, .-ˢ
1-1 .*61ˢ5 151 0 06+ ˢ06ˢ3314ˢ-." +2ˢ0.ˢ".602.6ˢ 5 + .ˢ".60 06ˢ 4&. +-ˢ0ˢ
1*4.0+-ˢ .4ˢ01* , 0*6 .ˢ."" 9.618ˢ60702.6 ˢ.96.68ˢ<.-ˢ.**1ˢ +50*1 0ˢ * +50"A.0ˢ
,2 4 1*0ˢ,. 40ˢ 0ˢ,1* " 8ˢ 06ˢA1ˢ ." .,+8 ˢ 1*6.,+6+8ˢ, 02 1ˢ5 1ˢ 2*4.01ˢ,5- ˢ
-0.2.6ˢ + ,ˢ-."1ˢ 0-04 +-ˢ5. .6+-ˢ0 .6ˢ' ˢ "0*,1* 1ˢ 09*ˢ"+- -.ˢ5 .0 04+ .ˢ
3+.-ˢ 0/ˢ$1"1* .0ˢ .60ˢ126 *02.6ˢ.ˢ 090ˢ40 0 06+ ˢ*.-ˢ*0,$1" 6 0ˢ4+,0-ˢ*0,ˢ
$ 360 6.*608ˢ5.6 1*+-ˢ *ˢ01ˢ7.2 "0*6ˢ (04ˢ 09*.ˢ3+.0ˢ *06+0 06ˢ*0ˢ4+2 .ˢ 098ˢ
&."06+4 *0 ˢ. -1 +-ˢ +--.ˢ50*08ˢ "0*32* +-ˢ, 06ˢ 1-1 .*61 +-ˢ06ˢ$ 1ˢ
ll60 6.*6+-ˢ 09 $1"1* .0ˢ * 0 61 +- 5 2+8ˢ 06+8ˢ0.ˢ.4ˢ .6 0-ˢ 09*1ˢ0/,"+40*4+-ˢ
.2+60 06+ ˢ.5 4ˢ 090-ˢ *60 ,0 6ˢ06ˢ50 ,+"1ˢ 0-ˢ*1*ˢ,4 6+ .-ˢ1 60*4 6ˢ ˢ<+:0*ˢ
ſA*90* ˢ,1*6+-.,8ˢ06ˢ 1-1 .*61 +-ˢ.63+0ˢ.401ˢ$ 160 6.*6+-dˢ3+1 +-ˢ,.+ 0-ˢ
1-1 .*618ˢR-50ˢ 1: 0ˢ.02.6ˢ5. 6 2+8ˢ.44 41 ˢ +- -.ˢ 0 +-ˢ,1- - 660 06+ <
,1* +"6 + 3+0ˢ: 40 ˢ+6ˢ0. *ˢ 0/ˢ.+6ˢ.21" 6.-ˢ 06 *0 06ˢ.+6ˢ ˢ,+6ˢ, 040*4.ˢ 6ˢ8ˢ,+ˢ
, 040 06+ ˢ.2ˢ1-*ˢ6+ 2. +*ˢ06ˢ .4 1*+-ˢ *ˢ 09*1ˢ 1:0*4. +-ˢ + 5 , 1*0ˢ5+ +8ˢ
, "06ˢ 3+ 2+8ˢ :0 28?ˢ . 2"+-ˢ 267. *9 .0ˢ4+,0-ˢ40 9*.2.6ˢ3+ ˢ06ˢ 09 0-50ˢ
4+8 $1"171ˢ.- ,+8ˢ06ˢ,+-ˢ.ˢ 09*ˢ +,,0 "1*0ˢ"090ˢ0/,"+40 06+ ˢ* 7 "ˢ *ˢ01ˢ6+ ˢ
6+ +8?ˢ: 402.6+ ˢ%+*,ˢ06ˢ *4 4+8ˢE1-50*4 +-ˢ,1*:0*6+8ˢ *3+2ˢ40 ,1*:1,.*4 0

"& ˁ15 8 0 06ˁ 09*ˁ,1 - 6 8.90 06+ ˁ 4ˁ01ˁ,1* "1ˁ.ˁ 09 * ˁ .! + - ˁ+6ˁ,+ - ˁ4 0 .6.
ˁ ˁ 5+2" ,1ˁ,1*3+0 0*608ˁ,1 - 6 .ˁ, 02 8ˁ , - 1* 2+8ˁ+ + 5. 0* ˁ *ˁ0.ˁ 51*60ˁ*1*ˁ,1.4
0/ˁ 06 09 *4ˁ,1* 0* "0ˁ : 4 0 0*6+ ˁ 06ˁ0.ˁ 50ˁ4 +ˁ".4.618ˁ .4ˁ0/6 0 - + - ˁ5 .02 6.ˁ50 ˁ
71:18ˁ - 16+8ˁ1,,. 1*0ˁ + 6 . 0*6+ ˁ G+.0ˁ1 - * .ˁ,+ - ˁ *1*ˁ 9*1 . 06ˁ "0*,1* +8ˁ
50 .6.0ˁ4 9* 6.6 8ˁ 05+" .ˁ0/. 50 .6+8ˁ 06ˁ7 8ˁ ." 13+ˁ15 2+8ˁ3+.8ˁ4 / ˁ +2* /+8ˁ .4ˁ
08ˁ*1:.8ˁ.* - + - ˁ 0 1ˁ. 55+"6ˁ,+ 3+0ˁ0ˁ4 .0ˁ,1*4 6 1*08ˁ5 151*0 0*6+ ˁ.+6ˁ$1ˁ
"6 ,1 + - ˁ06ˁ$ 160 6.*6 + - ˁ *ˁ 09*1ˁ5.6 1, * + - ˁ.+6ˁ + - - .ˁ20""ˁ 0"9 4ˁ0/6 .ˁE."ˁ
". - ˁ5 .0 04+ .ˁ3+.0ˁ + - - . - ˁ,1*<+*4 1*0 - ˁ *60ˁ 0ˁ7.202.*6ˁ,1*4 6 1*0 - ˁ5 1ˁ
ˁ 0 - ˁ+6ˁ6+6 1 0 - ˁ.,,05 6ˁ (,ˁ0* - ˁ<+4 ,.2.6ˁ5160*6 .ˁ41 - ˁ ,1* 6 6+6.ˁ06ˁ,0 6 8ˁ0/ˁ
+ ,0561ˁ5.6 1, * 1ˁ: 2+8ˁ 2ˁ,1 - 5. .6 8ˁ51 60.ˁ20""ˁ0/60 *0ˁ 1 6+*. - ˁ,1 - - 1ˁ
4 +8ˁ60*6. ˁ51 0ˁ3+.\ - ˁ ˁ5 16 *+8ˁ *ˁ 0"9 + - ˁ 7,0 61ˁ20""ˁ0/ +ˁ 0" 4.ˁE."" .ˁ06ˁ
. - , 8ˁ5 1 , ,0 06+ G+14ˁ,+ - ˁ5".,+ 0*ˁ + +8ˁ+*40ˁ - 1 - 8ˁ *ˁ E."" .ˁ0/, 6.*4ˁ
5 *, 5 + - ˁ4+,0 0 + ˁ *60ˁ 40 ˁ 0*6 0*60 8ˁ40" 20 .6+ - ˁ + 6ˁA. - $ 1 0 6.*608ˁ. - .ˁ
+ - 5 0 .*6ˁ , 561ˁ0:+"9.61ˁ3+1ˁ,.+ .0ˁ" .0ˁ.03+ 6.60 - - +"6 8ˁ 50, 1 8ˁ .6 1* 2+8ˁ
6+02.*6+ ˁ *. - ˁ : 1".6.ˁ .05 +8ˁ 06ˁ *+50ˁ * 9*ˁ50 4 .ˁ06ˁ, - 40" 6.60ˁ,4 4.ˁ 09 .ˁ
ˁ5 .:1 + - ,4* "1 + - ˁ - 5+" +ˁ 3+.*3+. - ˁ3+.0 61ˁ,1"1 0 .4+ - ˁ0/,+ . 06+ ˁL
5 17 2 6. - ˁ + 0ˁ$ 160 6.*6 2+8ˁ,1 , 0*6 . + - ˁ" 20 6.60 - ˁ06ˁ414 *.0ˁ +.0ˁ5+2" ˁ
,. - ˁ5 1 0 " 1*0 .ˁ04 41ˁ51 6ˁ12 4 1*0 - ˁ +50"".*. - ˁ .41ˁ5.+,18ˁ,12 5 070*4ˁ
*03+0ˁ - ""0 - .0ˁ$ 160 6.*6 + - ˁ50ˁ+* :0 + - ˁ 09*+ - ˁ 5. .0ˁ - +"6 6+4 *ˁ,1* +"ˁ
6+ - ˁ0 0ˁ3+.ˁ4,ˁ 0ˁ,+ - ˁ*+50ˁ,1*3+0 0 0*6+ ˁ01 + - ˁ" 20""+ - ˁ *#(056 - .* . - ˁ 0?ˁ
* "+ - ˁ06:. 8"+4 ,.6 1* 2+8<+ 6.8ˁ,1 + - ˁ506 6 1*08ˁ0"+ .8ˁ"0ˁ40* 3+0ˁ<+4 ,08ˁ
50 5 1: *, .8ˁ * 6 6+618ˁ+6ˁ *1*ˁ + ˁ 0440*41ˁ 04ˁ5.6 0*6 .0ˁ5 1 + - ˁ0/0 ,0*4.0ˁ
5 .051 618ˁ018ˁ0"%0ˁ.55. 0.6ˁ3+ *ˁ06ˁ.44*<+ 6 6 . - ˁ.,,0 " "0ˁ 9*1 - * . - 3+.ˁ5."" - ˁ
6.*3+. - ˁ<+ 0ˁ * . - 08ˁ06 71*1 2+8ˁ.,ˁ* - *0 2+8ˁ5+2" , 8ˁ *4 9*ˁ6161ˁ 09*1ˁ0/.9 ˁ
6.*6+ ˁ*0,ˁ5 1 + " 0E0 - .* .0ˁ5 *, 5+ 6ˁ5 0,08ˁ06ˁ - 1* 6.ˁ3+ 2+8ˁ 090 - ˁ.4ˁ5.,0 - ˁ
,1* 6 6+0*4. - ˁ 71 6.2.*6+ ˁ06ˁ 40 - ˁ04 41 + - ˁ 0 :.*4. - ˁˁ 40 - ˁ4ˁ + 6 .ˁ 0, "0ˁ
*+50ˁ$1"4*18ˁ< 3+1 + - ˁ51 6+".6.ˁ5. ˁ"+4 ,.6 1*0ˁ5 .:ˁ""ˁ - 140 .61 08ˁ + 6 .6ˁ
+ *6ˁ *+*,ˁ:0 1ˁ,+ - ˁ.+4 .*6ˁ50ˁE0 - .* . - ˁ06.5+4ˁ 0":06 18ˁ*1:18ˁ40"04+8ˁ7.ˁ
20 3+ 4 +50 0"%0 * " +6ˁ0 - 40 - 20"" - 1"0 - ˁ3+.0ˁ *ˁ5 18ˁ."60 1ˁ - 16+, : "ˁ +ˁ
,+2+ 6< ,0 : , 2+8ˁ .4ˁ<+9+ - ˁ5. .6 8ˁ.+6ˁ516 +8ˁ<+9+" 8ˁ .50 6 8ˁ *ˁ 0ˁ 0,. + .)ˁ0/ˁ
5040*6@ 8ˁ .6 1* 2+8ˁ 0+ˁ516 +8ˁ*0,0 " 6.60ˁ 0ˁ.44+418ˁ,+ - ˁ." .ˁ*1*ˁ0 606ˁ ."+6 8ˁ
0/504 0*4.0ˁ; .ˁ+6ˁ20""+ - ˁ 0*1:. 0*6ˁ ""+4ˁ4051 6+ ˁ3+. - 5 .+ - ˁ<+ 6 8ˁ01 + - ˁ
ˁ506 6 1* 2+8ˁ .6 8 .4+ - ˁ06ˁ 0,+ 6.6ˁ5+2" ,.0ˁ.ˁ515+"ˁ"0:. - 0*61ˁ,1* +"6+ - ˁ +0 6ˁ
44 6.7 8ˁ06ˁ." .ˁ 0 56.ˁ3+ 2+8ˁ06ˁ5+2" ,0ˁ6.6+8ˁ06ˁ.4* * 6 .6 1* 8ˁ0 - 0*4.6 1*0 - ˁ
515+"ˁ"0:. - 0*6+ - ˁ06ˁ" 20 6.60 - ˁ,1* 0 0*6 . + - ˁ+ 902.*6ˁ3+.0 6 13+040ˁ12 03+ 1ˁ
- .9 2 .6+ˁ402 61ˁ40* 1ˁ *ˁ, ,+" 8ˁ06ˁ"1, 8ˁ5+2" , 8ˁ5. " - ˁ.9 6. ,1056.ˁ0 6ˁ $ 1B
60 6.*6 + - ˁ3+0 0" 8ˁ06ˁ +.8ˁ<+*/0 +*6ˁ$1" 6 ,0ˁ :0ˁ ."0 ,3*60*6ˁ * 7 "3+0ˁ<. - ˁ.4ˁ
*1; ˁ20")ˁ3..60 . - ˁ +50 0 .6ˁ'6.*6+ - ˁ4+/ˁ20""1ˁ3) .0 02.6+ ˁ 8ˁ" ,06ˁ *ˁ1,,+"61ˁ
40 9*. 06+ ˁ "0*,1* +8ˁ6. - 0*ˁ. - 2 902.6+ ˁ3+.ˁ .6 1*0ˁ40,". . ˁ4020 06ˁ 6ˁ5". ˁ
,02.6ˁ5"0 3+0ˁ+6ˁ" 20""+ - ˁ 09ˁ$1" 6 ,1 + *ˁ06ˁ$ 160 6.*6 + - ˁ*1 - *0ˁ1 0 0*4+ - ˁ
5 0ˁ51 90 06ˁ + - ˁ7.0 0 06ˁ "0*b1* +8ˁ.+41 0ˁ 1". ˁJ .*, ,ˁ 1 - 1 .*6 ˁ 0*ˁ
60*6 . - ˁ40ˁ0.ˁ 0ˁ0/3+ ˁ5".,+ 6ˁ3+ˁ*03+.3+. - ˁ4ˁ5 12.: 6ˁ*. - ˁ 5 + - ˁ *ˁ9 .:0 - ˁI
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- *+ - ˁ5. - ˁ3+ 6.*6 + .ˁ3+0 0" 8ˁ .4 . * 6 - ˁ5 .020 06ˁ,1* +"6 +8ˁ: 40 ˁ+6ˁ
ˁ + - - . - ˁ. - 1 + ˁ5 .0 04+ . - ˁ506.6ˁ3+. - ˁ06ˁ 5 +8ˁ*1 - *0ˁ.ˁ 090ˁ 0ˁ506 6+ + - ˁ
1 60 6ˁ ,ˁ0* - ˁ*1*ˁ .4 1*+ - ?ˁ3+.0ˁ *ˁ 09*1ˁ +21 .*6+ ˁ4+,0 - ˁ 04ˁ,1 - - +*0 - ˁ
. 2 6 + - ˁ06ˁ5., ,.61 0 - ˁ 09*ˁ21*1ˁ +6+ + - ˁ 6 5 0ˁ3+ 40 - ˁ6.ˁ 0*6 02.6ˁ06ˁ156.ˁ
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ˁ I ! ˁ

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.21 ' 04'3+14' *,71.6. - '06' 0* - ',1."0 ,0*60 - ' *60 'E+ .*18'06' 1 - 1 .*6 .*18'
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.*6 ' . - " .' ." 3+.*4 +' +0 .6' *403+0' *' . - , 6 . - 'E+ '*1*' .6 8'71*0 6 8' . 6 2+8'
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,+"6+ .'0 0' *. - ' ,1 - 51608' . - 1 + - '06' +2".6 8'E+ .* 8'3+ ' 1" 01 - - ' ,1*.6 2+8'
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3+. - ' *' ""1 + - '9 .6 . - '4 , ' .47+,' 7.0 02.6' 3+ 4' .90 06' .*/ +8'5 .0 04+ - ' . '
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CIↃIↃLXXIV. Carolus IX.

Haerentem impulit Proteſtantium, ut vireis ſuas oſtentarent et Alençonium inſigni facinore obligarent, praecipitatum conſilium. Nam ſubito cc equites egregie armis inſtructi, duce Joanne [a] Calvimontio Guiterio, ſtrenuo juxta et antiquae diſciplinae viro, haud longe a Germani fano inopinato apparuerunt; ea fiducia, ut Alençonius, qui ob crebras dilationes regi ſuſpectus et matri inviſus eſſet, minime ſibi tutum in aula manere exiſtimans, protinus capto ex ſuarum rerum deſperatione conſilio ad eos transfugeret: idque urgebat Philippus [b] Laſinius Nocleus; et [c] Thoreus ac [d] Turenius Politicae factionis duces cunctantem, quantum in illis erat, incitabant. Verum intempeſtivus illorum conatus fuit; majore armatorum numero, quam ut fallere poſſet, minore, quam ut eo confiſus Alençonius vim facere aut relicto rege extrema conſilia ſequi vellet. Et repugnabat Mola; qui, cum Alençonium conditionem non acceptorum ſciret, rem ad reginam detulerat, ut rei, quae tegi non poterat, revelatae gratiam demereretur; et eo facto ſibi fidem in poſterum apud ipſam conciliaret. Regina ad rei famam, quo magis regem exaſperaret, omneis angulos et latebras arcis per fidos explorari jubet: mox et auctor regi fuit, ut locum mali ominis et ſuſpectum ſibi, nulla mora interjecta, deſereret; ſiquidem illi a mathematicis, quibus plurimum tribuebat, praedictum fuerat, ut ſibi a Sangermano caveret: quod cum illa de loco acciperet, multifariam decepta eſt; ut deinceps videbimus. Igitur ſumma trepidatione inde diſceſſum: et rex cum aulico comitatu per pontones tutius id ratus iter habuit, impedimentis, in quibus minus periculi erat, per aggerem praemiſſis: aliis per [e] Clodoaldi pontem iter fuit. Rex in Radeſiarum comitis [f] aedibus in S. [g] Honorii ſuburbio pernoctavit: et, cum ibi aliquot dies commoratus eſſet, ad [h] caſtrum Vicenarum, quo liberiore aëre frueretur, proximum urbi venit, adductis ſecum Alençonio, Navarro et Condaeo nondum omnino in cuſtodiam datis, ſed a ſtipatoribus obſervari juſſis. Tunc de novis motibus undique per regnum afferebatur. Nam poſt Sanſulpitii Rupellam miſſi ad oppidanos a belli conſiliis dehortandos reditum, illi, auctore Franciſco [i] Lanovio pacis alioqui ſtudioſiſſimo, ſed qui Proteſtantium ſalutem praecipuo loco haberet, nec niſi ſumptis armis eam defendi poſſe exiſtimaret, conſilia cum Septimanis conjungunt. Qua re, ut acceſſione maxima, firmati illi, protinus arma capiunt, multaque oppida et arces in poteſtatem redigunt. Lanovius ipſe in [k] Pictonibus [l] Luſinianum, et Melam per [m] Luchium et Baronerium, et [n] Fontenaium per [o] Sanſtephanum et Beſſaeum nocte Carnis-privii occupavit, et munitionibus ac valido praeſidio firmavit: in [p] Santonibus et Engoliſmenſi agro ejuſdem auſpiciis [q] Pontius Caſa Mirambellus et Joannes [r] Plaſſacus ex illuſtri Pontiorum familia, quibus ſe adjunxere [ſ] Rupiſulcaudius Montiguidonius, Uſſo, [α] Bretovilla, Saujo, Pulevanius, eodem tempore [t] Pontium, Tonam ad Carantonum, Roianum in [u] Garumnae aeſtuario et [w] Talemontium, [x] fanum Joannis Angularis, Rupifortium, Botavillam in poteſtatem redegerunt, citra magnum certamen. Quibus locis Lanovius, qua erat animi moderatione, nihil durius aut gravius in oppidanos ſtatuit, modico praeſidio, quod ſtipendio ex agris vicinis corraſo alebatur, ea firmaſſe contentus. Sed eos ſucceſſus mox ſecuta Caſae mors nonnihil turbavit; qui in ignobili municipio, dum ruſtici colloquium poſcunt, ictum ſcloppeti in capite accepit; vir fortitudine, rei militaris uſu, ac prudentia inter ſuos clariſſimus; ad haec literis ad elegantiam excultus, et magna conſiliorum et voluntatum conſenſione cum Lanovio conjunctus. Repertum eſt

VAR. LECT. [α] Bretauvilla *D. f. o. d.*

INTERPR. [a] *de Chaumont, ſieur de Guitry.* [b] *de la Fin, ſieur de la Nocle.* [c] *le ſieur de Thoré.* [d] *le vicomte de Turenne.* [e] *S. Cloud.* [f] *Hotel de Retz.* [g] *Fauxbourg S. Honoré.* [h] *Chateau du bois de Vincennes.* [i] *de la Noüe.* [k] *Poictou.* [l] *Luſignan & Melle.* [m] *Luche & Baroniere.* [n] *Fontenay le Comte.* [o] *S^t Eſtienne, & Beſſay.* [p] *Saintonge, & Angoûmois.* [q] *Pons de la Caſe, baron de Mirembeau.* [r] *de Plaſſac.* [ſ] *de la Rochefoucaud ſieur de Montguyon, d'Uſſon, Bretoville, Saujon, & Poulevain.* [t] *Pons, Tonnay-Charente, Royan.* [u] *la Garonne.* [w] *Talmond.* [x] *S. Jean d'Angle, Rochefort, & Bouteville.*

' *' , ." 9 8 40 + * '7 1 , '4 "7 , 7+ - ' - . *+' 5 +8 0/ . .6+ - ' 3+1' - 1 6 8 .0 5 . , 9+8 & ll
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Z ; * ' 5 C - 5' C ' ' ' G D
/! * ' ' < ! ' ' '
*'.& ".+ * 8 ? ' 1 * <1 +8 ,E1 * 4 * + - ' '&."0 * 6 .0 5 - 1 '2 0""1' , : " ' * 60" 0, "%0 " '
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,+ 6 ' * 64 8 0/ ,056+8 * 60 0 6+ ' .63+0 6.'$ 160 6. * 608 1 - * '&0".+ * 1 + - ' 51 4?
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7& "". * 1: . ,' 5 .0 4 . ' ." 3+16 09 8 ,15 8 126 + * , .6 8 ' ' "20 * . ,+ - ' 2.+4 "1 * 90 .'
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- 1/ '" 20 .6 ' + * 6 ' 0 ,71 * 1 "1,+ - ' . 1: 1 + - ' * 1 - * 0 ' +6 . * 60.< 60 * 0 * 60 ' 6. * 6+ .'
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res erat; ubi, dum [a] Mongomerius ex Anglia accerſitus cum claſſe adveniret, [b] Columbarius, Guiterius et Seius [c] Laudi fanum occupaverant, et [d] Dunfronium in Aulercis. Poſtquam Mongomerius cum [e] Lorgeo filio et Refugio Galardonio genero in Provinciam appulit, fano Laudi recta Carentanum ducit, quod et poſt tridui obſidionem cepit. Continuoque, ut commeatum in his locis conſervaret, [f] Valloniam tendit; et annonam Carentanum, quod munire inſtituerat, comportari ſumma diligentia curat. His nunciis perculſus rex treis exercitus conſcribendos curat; Jacobum [g] Gobionem Matignonum Bullionii ducis in Neuſtria legatum, adjuncto ei Gulielmo [h] Altamerio Fervacio, in Provinciam cum copiis, quae tumultuario contrahi potuere, convocata undique e [i] Cenomanis, Perticenſi agro et ex [k] Armoricana nobilitate, contra Mongomerium mittit: Ludovico Borbonio Monpenſerio exercitus in [l] Aquitaniam ducendus attribuitur: Franciſco [m] Delfino filio Delfinatus et Septimania demandantur, praemiſſo Jacobo [n] Cruſſolio Uticenſi duce. Cujus adventu, ut hominis ſibi infeſti, et literis a [o] Puſinii praeſidiariis interceptis conſiliorum adverſus ipſum initorum fidem facientibus, admonitus ut ſibi proſpiceret [p] Damvilla Septimaniae praeſes, nec eorum quae in aula agebantur ignarus, [q] Monpelium, Lunellum, Belloquadrum, et Pezenacum occupat, ab aperto bello initio abſtinens: qua cunctatione effectum eſt, ut Pezenacum proditione illius, cui locum et filiam bimulam commiſerat, amiſerit. Igitur ad eum a rege miſſus Jo. [r] Eberardus Sanſulpitius, ac deinde Nic. [ſ] Neovillus Villaregius a ſecretis epiſtolis, ut communicatis conſiliis de pace agerent: quorum colloquium ille ut ſuſpectum variis ludificationibus vitavit, donec Sarra Martinengus ad Sanſulpitium et Villaregium, qui interim Avenione ſubſtiterant, miſſus eſt cum regiis mandatis; quibus jubebatur Damvillam, apud quem eos eſſe rebatur regina, in poteſtatem redigere, et ei omnem per Septimaniam poteſtatem abrogare; praefectiſque, conſulibus et civitatum adminiſtratoribus, ac praecipue Corſorum per praeſidia diſtributorum ductoribus, ne ei parerent, injungere. Paſſim crebreſcente motuum fama, et conjurationis de rege ad fanum Germani intercipiendo, ita jactabatur, infamia; cum invidiam facti a ſe amoliri cuperent Alençonius et Navarrus, IX Kal. Apr. ſcripta edunt, eodem exemplo, ex reginae conſilio; qua formidinem ea re conjuratis tanquam a ducibus ſuis deſertis injici, et culpam in Momorantium et Coſſaeum, quos jam carceri deſtinabat, poſſe rejici putabat. Summa haec erat: Quoniam falſos de ſe rumores ubique ſparſos intellexiſſent, quaſi muneris et officii obliti Sangermanae conjurationis participes fuiſſent, oraſſe regem, ut cum bona ejus gratia voluntatis ac conſilii ſui rationem omnibus patefacere ſibi liceret: proinde cupere, ut amici intelligant, rem illam falſam et commentitiam eſſe, et a mente utriuſque alieniſſimam; qui contra parati ſint, prout naturae divinique et humani juris nexibus obligantur, vitam, facultates, clientium et amicorum rationes pro regis regnique ſalute profundere, et adverſus eorum conatus, qui regni quietem ac pacem conturbant, ſe opponere. Condaeus tunc aberat, praefecturae ſuae inviſendae ſpecie in [t] Ambianos profectus; eandem fortunam cum Alençonio et Navarro ſubiturus, niſi maturo diſceſſu poſtea ſibi conſuluiſſet.

XVI. Rex vero, cum ſumma hactenus patientia uſus eſſet, tum prae iracundia renudato animo, de conjuratione, ſic conſilia Alençonii cum Proteſtantibus et Politicis communicata appellabat, ſumma diligentia et ſeveritate inquiri voluit: idque negotii dedit Chriſtophoro Thuano primario praeſidi, cui plurimum tribuebat, viro ſumma

prudentia

INTERPR. [a] *le comte de Montgomery.* [b] *de Colombiers, de Guitry, & de Sey.* [c] *S. Lo.* [d] *Donfront.* [e] *le ſieur de Lorges, & Galardon,* dit *de Refuge.* [f] *Valongne.* [g] *de Goyon, ſieur de Matignon.* [h] *d'Hautemer, ſieur de Fervaques.* [i] *le Maine & le Perche.* [k] *de Bretagne.* [l] *Guienne.* [m] *le prince Dauphin d'Auvergne.* [n] *de Cruſſol, duc d'Uzez.* [o] *le Pouſin.* [p] *le mareſchal de Damville, gouverneur de Languedoc.* [q] *Montpellier, Lunel, Beaucaire, & Pezenas.* [r] *Ebrard de S. Sulpice.* [ſ] *de Neufville, ſieur de Villeroy.* [t] *Amiens.*

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CIↃIↃLXXIV. CAROLUS IX.

Carolum [a] Meruvium, Thoreum et Turenium in ſuum conclave introductos; ſequ- a Mola monitum, ut non ab imberbibus et temerariis juvenibus, ſed a maturae prudentiae viro, Momorantium eo verbo innuente, conſilium ſumeret: tum de libello conſultatum fuiſſe; ſed Momorantium factum improbaſſe, ne in regis offenſionem incurreret: inde fanum Germani regem veniſſe, ubi rurſus de receſſu ab aula deliberatum fuit: cumque capiendis per regnum armis dies ad initium Martii dicta eſſet, ipſum rem diſtuliſſe; ſed reclamante Lanovio [b] Guiterium conſilium praecipitaſſe, et in armis praeter ipſius voluntatem apparuiſſe: locum autem ad [c] Monfortium Almerici deſignatum fuiſſe; eoque Navarrum et Condaeum, cujus nomine fidem obſtrinxerat, [α] venturum ſe recepiſſe: id cum Molae revelaſſet, Molam conſilium improbaſſe, et rem reginae ac poſtea regi detexiſſe: Turenium vero, cum Joannes [d] Bloſſetus Torcius ad Guiterium in armis venientem a rege miſſus eſſet, ſumma diſſimulatione petiiſſe, ut et ipſe ad eum mitteretur, quaſi conſilia ejus impediturus; ſed reverſum multa de copiis illis majora vero narraſſe, ac ſibi auctorem fuiſſe, ne tam pulchram occaſionem ab aula diſcedendi et ſignum bello tam juſto praeferendi praetermitteret; eaque de re multis verbis ſecum egiſſe, addito, ne Mola de hoc conſilio quidquam reſciret: tandem, poſt altercationes cum Mola acerbas, conveniſſe, ut ipſe x Apr. aula cum ſuis diſcederet, Muretum Condaei arcem petiturus; idque per [e] Caſtrobandellum Arvernum et Jo. [f] Balſacum Montacutum ultro citroque commeanteis actum fuiſſe; Molam vero diſceſſum ex aula multis verbis ut neceſſarium ſibi perſuaſiſſe, et Hannibalem Coconaſſii comitem in ſuam familiaritatem ad clientelam adduxiſſe. Poſt Alençonium auditus Navarrus: qui non quaſi reus verba fecit; et, tanquam non ad crimina diluenda vocaretur, orationem querimoniae plenam apud reginam habuit coram cancellario et delegatis, de injuriis ſibi ab ipſa illatis magna animi fiducia expoſtulans, et conſtantem jam a primis pueritiae annis fidem ſuam et erga regem obſequium exprobrans, in quo ad extremum ſit perſeveraturus; ſed contumeliis illis ob ſuſpicionem falſo de ſe conceptam inflictis factum dicit, ut victa patientia libello a Politicis et, quos odioſe vocant, Proteſtantibus offerendo ſubſcripturus fuerit, et ex aula diſceſſurus, in qua ſalva dignitate et certa ſalutis ſpe manere non poſſet. Quid enim ſperari poſſe, ubi capitales nominis Borbonii hoſtes rerum potiantur? ubi Lotharingi ſummum gratiae locum tenent? ubi Guiſius jam commendatione regis Poloniae a regina magiſter equitum dicitur? ubi dolis, fraudibus, calumniis, obtrectationibus, inſidiis aperta, innocentiae perfugium quaerentibus clauſa ſint omnia? ubi denique quotidie ab amicis, voce, literis, nunciis moneatur, ut ſaluti proſpiciat? ſe, Alençonium et Condaeum ad certam necem deſignari; eam famam ſparſam jam a multo tempore ne reginam quidem ignorare: et, ut periculum proprium contemnat, et id publicae tranquillitati condonet, at regis periculum ſalva fide contemnere non potuiſſe: quod vero ſub diſceſſum regis Poloniae jactatum ſit, ex iis qui adſunt, ignorare neminem, nimirum occultum conſilium initum de rege tollendo: ſic enim cupere et velle majorum religionis retinenteis, ut rex Poloniae in Gallia remaneat, et cauſam, quam tanta conſtantia et virtute alienis auſpiciis defendit, in regio faſtigio conſtitutus omnino aſſerat, exſtirpato Sectariorum veneno: quibus rumuſculis quanquam fidem minime habuerit, putaſſe tamen ſe crimini tanto affinem fore, ſi eos omnino negligeret: idque ipſum Poloniae regem non celaſſe, qui propterea ſibi infenſus, cum Blamontio diſcederet, et praeſenteis reginae commendaret, abſenteis etiam honorifice appellaret, nullam ſui mentionem apud reginam fecerit: ab eo tempore ſemper averſum reginae animum et vultum expertum ſe fuiſſe, conſiliis et conclavis regii ingreſſu

ignominioſe

VAR. LECT. [α] venturos D. f.

INTERPR. [a] *les ſieurs de Meru & de Thoré.* [b] *de Guitry.* [c] *Monfort l'Amaury.* [d] *de Bloſſet, ſieur de Torcy.* [e] *de Chateau Bandeau d'Auvergne.* [f] *de Balſac ſieur de Montaigu.*

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06 - . 06+ 06 0. 09 *.0 , + - 3+. * 9 .6 . - 3+. ; 8 .6 1*0 04 0 , +5 02. 6 40 *
058 5 140 06 . * "" +8 - 0*60 - + "0 <. - 6+ * 5 +40*6 1 08 06 , . +6 2 08 *60
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4 608ˁ .4:0*0 0ˁ (9* 0 ˁ ,+ - ˁ 09 8ˁ,". - ˁ,1* " .ˁ,1 - - + * , . "0ˁ . ,ˁ40ˁ .4:0*6+ˁ 1* ?
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+18 *0ˁ4 . - *1ˁ 0:0 6+*6+ ˁ *40ˁ 08ˁ +6ˁ *60 ˁ *12 "0 8ˁ ,6ˁ 5"0 + - 3+0ˁ .9 * .6 1*0ˁ
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," + ˁ*+* , 1ˁ *ˁ . +" . - ˁ50 " .61 ˁ 09 * . ˁ3+ .0ˁ *ˁ - . 6ˁ50 ,+ "2 8ˁ510*4ˁ - .9* . * ˁ9"1 ˁ
.0ˁ5. 60 - ˁ51*02.6ˁ 06ˁ . - 2 6 1 0ˁ 4ˁ +5 .ˁ3+ . - ˁ4 , ˁ5160 6ˁ . 04.2.6ˁ " 60 .8ˁ 09 .8ˁ
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6) ˁ ".0ˁ - 1/ˁ"09 1*08ˁA1 . ** 8ˁ 10 - ˁ + , .0 A1ˁ 0""1 - . *0 ˁ . : . 4 * ˁ(. * ˁ
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6.6 <4+, 2+8ˁV ˁJ0 : . , 1ˁ06U (. * 01409. 1ˁ 8ˁ*+ - 0 1 8ˁ ,15 8ˁ *ˁ4 08ˁ . * 1* + 7ˁ
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6. 18ˁ3+18ˁ1551*0 06ˁ /ˁ 3+0ˁ5"0 3+0ˁ3+16 4 0ˁ .4ˁ 09 18ˁ6 .*8 +9 02. *6ˁ 1 ,+8ˁ
*ˁ ,4 61ˁ 6+8ˁ0 6ˁ 06ˁ . /1 1ˁ514 1ˁ - 51 6+8ˁ< 6.ˁ6. .0*ˁ+6ˁ0/ 4+12+8ˁ ,1"" 2 8ˁ : , *"8ˁ
*6 .ˁ ,"15506 ˁ< .4+ - ˁ51 6 8ˁ .ˁ ,560*6 1*0ˁ06ˁ1 , . +ˁ *ˁ0+ - 40 504+8ˁ 6ˁ ' 40ˁ ,060 1ˁ
402 " 2+8ˁ - + 8ˁ , *4+8ˁ +260 ˁ" .20*60ˁ]ˁ 04+ * .ˁ . - *0ˁ ."" + 6+ ˁ 6.3+0ˁ06ˁ+*4<3+0ˁ
* 0 6.2. *6+ ˁ5 .0 4 . ˁ06ˁ"0: ˁ61 - 0*62 + - ˁ5+" .6 1*0ˁ 6 .908ˁ - .9* .ˁ - + 1 + - ˁ
0402.6+ ˁ /ˁS ." ˁA+* ˁ : ˁ61 - 0*6.ˁ *ˁ155 4+ - ˁ06ˁ . ,0 - ˁ4 04 . ˁ3+1 + - ˁ ,1*6 *+ .ˁ
:0 20 .6 1*0ˁ ,+ - 6+ 0 - ˁ40<04 . - ˁ: 40 06ˁ 1*91 - 0 +8ˁ 70 ,ˁ5"+8ˁ ,ˁ . * . .6 8ˁ .5+4ˁ 0ˁ
7.20 06ˁ - 5. 0 *ˁ155 41ˁ ,1 1* .ˁ, *90*41ˁ06ˁ . 4ˁ6+0*4.0ˁ*+ - 0 + - ˁ40ˁ155 41ˁ40 ˁ
0 0*41ˁ 06ˁ *ˁ . ,0 - ˁ ,1* +9 0*41ˁ ,1* " + - ˁ * 6ˁ *0926 + - 3+0ˁ4.6ˁ 1 .01ˁ +6 0 ˁ
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.4ˁ51 6 18ˁ50 +9 + - ˁ7.2+0 +*6ˁ *60 0.ˁ ˁ5. "++ - ˁ + * .ˁ .4ˁ . ,0 - ˁ .4 . ˁ .ˁ 09 8ˁ
155+9* .6 1ˁ5. .6+ ˁ ˁ ,ˁ0/ˁ *12 " 6.60ˁ"1 , .6 ˁ .4ˁ 4ˁ40 6 * .6 ˁ ˁ ,"15506. ˁ 06ˁ ,ˁ . ˁ
ˁ" 1571 < 3+ 2+8ˁ 5 .0 2. *6ˁJ0 : . , +8ˁ ˁ& ""0 - 1 +8ˁ (. * ,1"+ - 2+8ˁ 20 5 .6+8ˁ
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06ˁ .4ˁ 40/6 . - ˁ 5 0ˁ ,+ - ˁ 1 .01ˁ . ": * 1 ˁ 1 *0 1 ˁ%0 1 ˁ%+ ,7 1ˁ<+* 1 0ˁ
ˁ .2 " 0 2ˁ ? 1 1 ˁ) " 1 ˁ ." 8ˁ< .4ˁ " .0: . - ˁ (0 +8ˁ Z . +8ˁ& .+41 0+8ˁ 0* " +8
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09 8ˁ 1 6 60 ˁ5+9* . - ˁ, .50 :0 0ˁ ,0 6. - *0ˁ3+ *3+0ˁ71 .8ˁ , /6 .41 ˁ06ˁ4 5"1 1*0ˁ
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,+6. . , 0*4.0 + .0 .2 12 0 8 - 50* . 0 6 $1 6 4 0 * 7 " . 6+ - 04 +8 60*
.6. ,1""13+ . - +"6 8 * 71 .8 4 ".20*6 2+8 *03+0 *60 - . *60 - :0 20 .6 1*0
%, 6 1 .2 155+9*.6 1*0 4 0 2&. .0+8 ,+ - 1791* 0 1 ,+ - 3+1 . 6. ,19*.6 1*0
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,+ - - * . " . 0 40 6 6+0 06+ ,+ - .6 9*1*3 505 9 6 7.8 ,1*4 6 1*08) 6 5 0
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+*6 +6 *40 1*91 - 0 + - 404+,0 0*6 + - 7.0, .9+*6+ - " 608 3+. : ,.561
"1,1 50 - 10* . * . ,0 - + - 5+*6 06 52: 18 51" .*6 3+1 4. - 06 . - *60 , +*6
1*91 - 0 +8 50 5 5: *, . - 3+. * 6 + - 57+ - 6 .4+8 06 . .6 9*1*1 404+4+8
+6 0<+8 5 .0 0*6 . 1 9 +8 06 E."". 41* +8 .4 404 661*0 - ., 0*4. - .4 90 0*6+
,+ 7 6. - 0* "" - 50 . : 41 8 406 04. 036 .+4 .*+ - :0*6+ - 0 6 +2 06 8 1
6 - 2. +8 0.40 - ,1*6+ - ., . + +8 0 6 *60 0. :0*0 0 . 09 *. " 60 .0 3+ 2+8 *+"
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.".0 03+ 6+ - 09 8 $1"1* .0 4+41 +41: ,+8 #% 1*+8 90*6 +8 +4] 1*2 1
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0 +8 6 $. 670*.0 06 1"1*9 . " 3+16 4 08 ,1 - - 1 .6+8 V 0 - * .0 .*+ - ;0*0 .6
+6 .*1: + - .4 ,0 6. - 0* 0" 90 06 + - ""0 406 04. 06 5. 60 0/0 , 6+8 .4 %. "0
- 1*6 12 4 1*0 - - . 4+,0 $ 9."". 1 ,+ - / * 504 6+ - 9* 8 ,6 61 - 0 6 8 *+50
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4 1 .8 0 5+02.*6 1*4.0+8 +2 ,, 90*6 *. - :0* 6 08 6+ - +"6+. 0 06 .2 71
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ʿ E0 - 4 . -ʿ +1ʿ ʿ%71 0 ʿ,0 6 1 08ʿ ., 02.6ʿ 06ʿ +. -ʿ150 . -ʿ 0/0 - 5"1ʿ 5.6 8ʿ *ʿ ʿ ʿ
. -ʿ<+ 6.ʿ , .+ .ʿ 5 1" /0ʿ40 0 02.6ʿ .+/ " 16+ - 3+0ʿ.ʿ E0 * .* .,ʿ5 *, 5 2+8ʿ 50 .4. ʿ
71 6.2.6+ ʿ *ʿ0. *ʿ 0 -ʿ+6ʿ 5 1 - " `-ʿ50,+* .*ʿ3+. - 5 - + -ʿ - 660*4. -ʿ,+ .60*6
040 .6ʿ06ʿ%71 0+8ʿ.4ʿ . - : "". -ʿ .6 0*ʿ" 60 .8ʿ3+ 2+8ʿ 0+ - ʿ 1 - 1 .*6 ʿ .6 8ʿ
., . - " .0ʿ5 *, 5 8ʿ *ʿ,. ., 0 -ʿ50 :0 1ʿ<+ 8ʿ1 4 *0ʿ,1*<04ʿ50 0+"1ʿ.4 - 1*02.6ʿ
+6ʿ - .6+ 0ʿ 2ʿ,1* +"0 06ʿ06ʿ1508ʿ.,ʿ,1* " .ʿ *ʿ,1 - - +*ʿ, .+ .ʿ,1*<+*90 06ʿ ʿ,+*4. ʿ
,6+ ʿ0.*40 -ʿ 1 6+*. -ʿ2 0:"ʿ0/50 6+ +8ʿ3+ 550ʿ01ʿ,1* 4 1ʿ *ʿ#(056 - .* . -ʿ - "18ʿ
) 6 ,0* 0 -ʿ4+,0 - ʿ .+9 1*+ -ʿ06ʿ ʿ(.* +"5 6 + -ʿ06ʿ51"'ʿ018ʿ4& "". 09 + - ʿ,+ -ʿ
0, 06 8ʿ *.*4.6 8ʿ+6ʿ 0+ -ʿ"+4 ,0*6ʿ06ʿ.ʿ 41 - - +*ʿ21*1 + -ʿ06ʿ6 .*3+ "" 6.6ʿ5+2ʿ
,.0ʿ 6+40*6 + -ʿ,.+".ʿ 05. 0*6ʿ*0,ʿ4+2 + -ʿ0 0ʿ3+ *ʿ06ʿ0<+8ʿ: 6.0ʿ * 4 .0ʿ 6 +.*ʿ
6+ ʿ ʿ *ʿ71,ʿ(. . -ʿ . 6 *0*9+ -ʿ71 - *0 -ʿ 6 0*++6*ʿ06ʿ 09 - 0ʿ0 - . + -ʿ *ʿ(05ʿ
6 - . . -ʿ:0* "0ʿ5 1 *40ʿ,+*4.6 1*0*ʿ1 - *0 -ʿ 09*1ʿ50 * , 1 . - ʿ 2ʿ50 ,+X1ʿ
Lʿ . - ʿ06ʿ+* :0 .0ʿ . - " .0ʿ0/ 6 .2 "0 -ʿ 0 0,06ʿ ʿ *03+0ʿ,1 - - 6646ʿ+6ʿ .6 8ʿ, .". - 6. ʿ
60 - ʿ,+<+8ʿ ."+8ʿ 0/ʿ 5 +8ʿ *,1"+ - 6.60ʿ50*40.6ʿ4+ -ʿ40" 20 .6ʿ6. *ʿ*0,0" . 1ʿ60 * ʿ
51 0ʿ*09"0/ 0ʿ: 40.6+ ʿ 8ʿ - 1* 6 8ʿ06 ʿ ." 3+.*6+ -ʿ0/, 6.6+8ʿ . - : "". ʿ3+ ʿ66 .ʿ
Uʿ 1*50" ʿ, .6ʿ6. - 0*ʿ71 - 1ʿ*.6+ .ʿ,+*4.61 ʿ06ʿ3+ʿ.09 0ʿ 09 1ʿ*5 - *0ʿ155+9*. ʿ
0ʿ5.60 06+ ʿ3+1ʿ **1,0*6 . -ʿ +. -ʿ - .9 8 .55 12. 06ʿ J ʿ ʿA+9 + -ʿ + + - 5 1: * ʿ
, .0 09+"+ -ʿ.4ʿ 090 -ʿ40"09. ʿ3+ʿ40 (056 - .* .0ʿ 02+ ʿ06ʿ3+ 4ʿ *ʿ0.ʿ.4+ -ʿ 6ʿ51 6ʿ
(.* +"5 6 ʿ) 6 ,0* 8ʿ .+9 1*ʿ06ʿ& "". 09 ʿ.4:0*6+ -ʿ5"0* + ʿ0+ -ʿ041,0 06ʿ6+ *ʿ
0ʿ5+ 9. 06ʿ.ʿ + - 1 2+8ʿ 06ʿ, ."+ * 8ʿ * - ,1 + -ʿ. 6 2+8ʿ,1*6 .ʿ .5 " . -ʿ . -ʿ 5. ʿ
8ʿ ʿ 19.;063+0ʿ *0ʿ 1 - 1 .*6 ʿ .6 8ʿ 40ʿ,+<+8ʿ **1,0*6 .ʿ 1" -ʿ,1* 6 6+ + -ʿ 5 ʿ
50 . 06ʿ, .". - 6.8ʿ 2ʿ .+40ʿ0 06ʿ< 06ʿ ʿ3+ 40 -ʿ*1,0*8ʿ ""0ʿ,1 - 50 06 ʿ *0ʿ5 15ʿ
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40ʿ +.ʿ 40 06ʿ **1,0*6 .ʿ.2+*40ʿ,1* 6 60 6ʿ .0,ʿ.4.ʿ/ : ."ʿA+*ʿ *ʿ0.*40 -ʿ 0 -ʿ
ʿ.4ʿ,+ . -ʿ)ʿ%5"1 .* . -ʿ4.6.0ʿ" 60 .0ʿʿ3+.8ʿ06ʿ + +8ʿ " .,ʿ50 6 .* 0*8ʿ6+" 6ʿ06ʿ - +"6 8ʿ
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4.8ʿ" 60 .8ʿ4.6ʿ :ʿS ."ʿA+*ʿ3+ 2+8ʿ 0/ʿ.09 6+4 *0 -ʿ +. -ʿ .+ .6+8ʿ3+.ʿ 0 06ʿ+6ʿ 02+8ʿ
+ 8ʿ +50 0 0ʿ*1*ʿ51 06ʿ,+ . -ʿ*0916 1 + -ʿ *ʿ - .6 8ʿ 7.*+8ʿ +6ʿ4 9* - .0ʿ 0 9ʿ
*. "0ʿ 0ʿ4 ,02.6ʿ<ʿ - .*4.2.63+0ʿ+6ʿ0ʿ50 *40ʿ.,ʿ 2ʿ1 - *0 -ʿ1204 0*6 . -ʿ5 .0 6. ʿ
0*6ʿ06ʿ ʿ3+ 40 -ʿ 6.ʿ 01ʿ5"., 6+<*ʿ0 06ʿ +6ʿ 0ʿ.4ʿ - 0" 1 0 -ʿ: 6. -ʿ0:1,. 06ʿ41*00ʿ
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* 6.60 -ʿ 09 *.0ʿ,1*, " .*4. - ʿ5 1 - +"9.6 1*0 -ʿ .4. -ʿ0 0ʿ51 6+".*60ʿ.,ʿ,1* 0*ʿ
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3+. -ʿ.ʿ,. 4 *."0ʿ 1 21* 1ʿ5 .0 4 2+8ʿ.,ʿ 0*.61 2+8ʿ,+ .0ʿ *ʿ0. *ʿ 0 -ʿ.ʿ 0*.6+ʿ.4ʿ
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5 1 66 *, , 04 6+ - * 5. 60 :0 + - 51 60. 0:0*6+8 .55 12.: 6 51 6 3+.4 .90
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7 6 .*18 5 *, 508 , 06 .2 " .2067. *9" .0 09 *. 1*4 * .4 $.+" ,0"0
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& % V *0 6+8 ,+<+8 +"50 ". - <.*: 0. * 3+. - 4 / - +8 ,.+ . - ,19 6.: - 6 ,+ - 3+0 8
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& '9;*.0,0+-' ' 6+ *' E01 9 +-' J 40 ,+-' *5 - 8' - . ,7 1*0-' .*402+ 9 ,+*"
*82.,7 .0' *'J .*,1* .'5 150'U 1 - 20 9. -' 040-'7.20*60-'3+' .4' 090-' :0'
0 .6'+6'6+60". -' "20 6'J 40 ,' 1 + " .0'4+, 8'06J1"1* ,.0',1 1*.0'20*0 , .
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0" 1*1 .-' ".-' h ""0"- ',' ":0*"+-'46, 8'3+' 51* .-'.4' - . 6+-'404+/ '
+50 1 0' .+6+-*1'.'5.6 0' *+/1 0-'50'5 1,+ .61 08' .,,050 .66':0 +-' "20 6+8'
' 5 1'+56 . +-'.55. .6+'0/'3+.',.+ .'9*1 .6+ ' *' -0*6 8' .09 6+4 *0-' *, 4 6'
03+ ,3+. -'1 * '150 .'.4' - 1 2' .*.6 1*0-'.47 2 6.' ,+-',1 - -14+-'A1.**08'
h 0 +8' -.9*'*1* * 8' - 4 ,+8'.40 "06'3+'h ""0"- 15 *, 5' +1' 6 40-'-0*6 8' 04'
50' *60 :."".' 0- 60*60'."0*.6 1*0'".21 .*6 '150 .-4.2.6' . *'12',.+ .-'E01 B
9 +8' *'.+". -':0*0 .6'+6'6.*3+. -'5 1/ -+8'.9*.6+8'0<+8',+ .61 '.' 090'4 ,0 06+ ?
' '.*60' 1 - 8'J"1 0*6 *1 +-'06'2(0*0* +-'4+/'.'*12 8' .05 +8' -0-1'
.6+8'0/' 4 +6+ *1' -1 21'3+1' .- "2':1, 8'+ +'".21 .:0 .6'/ S."' . .8' 40,0<<<6'
.**1'.06.6 8' ',+-'///: '.** 8' -50 +-'60*+ 06' $ *,058' . 8'*.6+ .0'06' *B
90* '416 2+8' 5 .04 6+8'06' *'3+1' +- -.' 0", 6.8',+-' . .'5 +40*6 .',0 6.: 6'*.6*'
-50 +-' -1 60' "0/.*4 '*0,'15"*.61'"2'40".6+-'.47+,'5.0 05+0 90*0 1 0', .'
50" 6'06' -.<1 0' 31* 6.*6 .' *.6 0'3+.*6+-: 8'4 "+.40*60' 06 *+6'< *1/3+0 . 1'
1 6+*.0'20*0 , 1'155 0 8' A20 6.6 8: *4 , 2+8' ""+4' -.: 6'06' 7'9 .6 .-' . 2"':'!
.0 . 8'+6'0.'4 9*+8'0' * *+.: 6',+<+8'50 506+1' 9*.',1*6 .'*18' 0,+6+8'0 6'20""1'
(0*0* 6'06'.+4. 60' + ,0561'06'5. ' 0", 6.60',1* 0 61' (0*0* 3+0'4 6 1*0':0"'.2' *B
: 61'$7 "551'0/61 6.'06' -50 1'J"1 0*6 *1'.4<04 .' *'01'5 .0, 5+0' 4' - .*4+-'
+ 6'3+14'3+ ,3+ 4'.2' * * , 8'06'.0 -+"8' *'0<+8'50 * , 0-' - .,7 *.6+-'0 6' *' 5 +8'
40,+8'06' 1 6+*.0'.*.5" ,.6 1*0-':0 6 6' (04'0'51 6 0-1'3+14' 0 0' -./ - 8': 8'
+ +':0* 0' 1"06' .,, 4 6'+6'3+18'.4:0 6.608' *0 90 0'*1*'516+0 .*6'018'5 1"50 '
6.608' .*9.*6' 9 6+ '5.,0' .4.'06',1* 6 6+6 8'*1:' -?50 ' 02+8'4+ *'.06.60'7.4,*+8'
60-50 .*60 '06' 12 0'.4."./. -0*6+-'3+.0 6' -.-'*.6+ .-'.,'&."06+4 *0-' 1"'
: 6 '.,'* - 1' :1"+56.6+-'+ +',1 +5 6'5 +40*6 " -13+0'.,'-140 .6 -1'." 13+ '
: 1'3+.04. -' 0" 3+.; 6.' *4 9*.'0/, 40 +*6' .-'06'+*+-'06'."60 . -'12',.+ .-'
3+. -' 9*1 . ':1"+ 6' .' -5160*60' .2 056+8'5 15 .''- .*+1,, 4 6'06'51 6 0" 1'
1 .0' '%1"06..0'+/1 8'0/'3+.'5+",70 - .-' 121"0-' + ,050 .6' -1 60-',+-'.4'
3+ 060-'41 - ' 6.2 "0*4. -' *'52 60 +-'*+56 8'.+6'1 - * *1'.2 6 *0 0'4020 06' .+6' '
*1:.8'.55060 06' .4' - .*4+-'*1:+-'5 *, 5.6+-' ""+ 6 ' .4 * 6.60'15+8'7.20 06'
. - "". -' ' . 60"" . -' *'+/1 0-'4+/ 6'0/'3+.'+* ,. -' " . -' + ,05 6'3+.0'51 60.'
.0 . 'ṅ 60 6 *1' " 1* 'J0 . .0'4+48'90*6 "'06'70 04'*+5 6' .' 0'5 06.6 8'06'
0" 9 1* 8'15 * 1*0-'.5+4$ +-':'51*6 ,0-'.+,+5. ':1"+ 0'06'0.' - .9*' 6 + .0'
4+48' 6 6+"+-' 6.*6150 0' ,1*6 1:0 +-' .,'6.*40-'.' .0 . 0',1* - .6+-'-0 + "0'
, 04 6+8'5 1'60-51 0'5.0*0' 0/ 6 ."0' *,0*4 +-'41 - '0/, 6.: 6' 060 13+' 1" , 6'
* 6 1' 5 *, 5.6+8' .,0 2 6.60-' -+"6 8'09 09 0' .4 8' "0* : 6' *. -'06' <+ 6 6 .0' .,0 '
-+8': *40/'06'4+-' *' *12 " 6.6 8' + 8' 02+8' + 504.0',1 +5618' -1 08' .,'" ,0*6 . -6'
" 2 4 *1 . -' 0:0 0' *3+ 6'5"02 8' .2'0.'5"0 + -3+0'155 0 ".0'9 .6 . -' 2' ,1*4" .: 6'
60 .608' 60-'616.' 6." .'0/ - 0' 1: 6'06' ,0"020 - . -' ,.40- . -' $ 8' * 6 6+ 6'
$ 41 + - ' . ,7 6041 + -'?06' 6.6+. 2 + -' +.'.06.60' * 69* + -' *4+ 6 . -' <+: 6' *'
5. :1' -50 1' . -5" " - . -' +9+ 6' 1 6+*. -' .0 - +".6+8' ,+<+8' 0' * 9*0' .5 '
,1 *' 2' + -5 6' .,'5. " -' *' .04 , 8'.' 0' 09 .' - .9* ,0*6 .' * 7 +4 8' * ,+"5'
, .: 6' 6.'+6' 40' 0' 4 , ' :1"+0 6' + 20 - ' 3+. *' ".5 40. .' .,,050 .6' - . -1 0. -
L 0" 3+ " 0
& N ' ?' U ' , 6 ' .2' " .2067.' 0 *.' *' -.<1 0' + 2 8' 60 -5"1' + A *'
' + ' ' A ($' ' 'A' 5 1/ -1'00"02 .6.0' -6' (' ' '6 ' ' \
5 '. $' ' .' ' '$'6 $' ', 6 ' A
1 6+1' . 1"1' 1*4 *' - .9*1' 5. .6+' 0/"03+ .0' L
% $ ' .' /L '4 ' 6 $' '+ ' : ' ' ' *' :
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' % %)ˁ *ˁ #

60" 3+ "0ˁ 6ˁ*0ˁ3+.ˁ*1*ˁ *ˁ5. 60ˁ,+-ˁ +9+ 61ˁ01* 0 06+ ˁ06 . -ˁ50 *40ˁ.63+0ˁ ""0ˁ &

* % ˁ$. %* % ˁ ˁ ˁ (ˁ !ˁ- ˁ ˁ .ˁ ˁ ˁ

,1*<+9 1ˁ 0" 3+ 6ˁ J .*, ,+-ˁ -50 ˁ70 040-ˁA1.**.0ˁ +6 .,.0ˁ ./ - ".*0ˁ Iˁ $
1 1 8ˁ-.6 -1* 1ˁ +2* /+-ˁ06ˁ<.-ˁ.*60ˁ5.6 8ˁ+"6 4ˁ5+2" ,.ˁ.4 - * 6 .6 1*0ˁ 0ˁ42
4 ,.*6 8ˁ -1 60-ˁ5 *, 5.6+8ˁ 5160*60-< J0 4 *.*4+-ˁ,. 4 *."0-ˁ 3+ˁ J .*, ,2
.6 ˁ51 60.ˁ +,,0 " 6ˁ< 06ˁ$06 +-ˁ3+ˁ 0" 1*1 .-ˁE. .0#%1"06.*ˁ.:+*,+"ˁ ".*
*ˁ+/1 0-ˁ4+/0 .6ˁ . 6 1ˁ5 .0,040*6ˁ 24.".ˁ .7+-06 8ˁ(, ˁ "+8ˁ+6 + 3+0
2ˁ .+ 6.* .0ˁ *ˁ ,.ˁ5 *,058ˁ4 0-ˁ0/6 0-+-ˁ,".+ 6ˁ71-1ˁ*03+0 .* - 8ˁ -
90* 1ˁ.+6ˁ 0" 3+.ˁ: 6.ˁ,+*6ˁ .6 2+8ˁ +8ˁ,1-5. .*4+8ˁ*03+0ˁ -50 1ˁ1-* *1ˁ4 9
*+8ˁ3+14ˁ6.-0*ˁ.4ˁ+"6 -+-ˁ+ 3+0ˁ: 6.0ˁ 5 6+-ˁ5.,.60ˁ 0 0ˁ60*+ 6ˁ *.-ˁ.2ˁ.**1
7+<+8ˁ .0,+"ˁ - .ˁ3+1ˁ5. 0*8ˁ0<+8ˁ%+ 01 +-ˁ5 14 6 1*0ˁ1,, +8ˁ0 6ˁ,+-ˁ51 6ˁ.405
6+-ˁ 09*+-ˁ*60 ˁ6 0 8ˁ "18ˁ5 1: *, .8ˁ4 : 6 06ˁ."" 9*.6.ˁ +* ,+ 3+0ˁ0. +-ˁ5 .0
04+ .ˁ40ˁ 20"0 +-0*0 .6 0ˁ3+ ˁ0/0-5"+-ˁ5.6 +ˁ<.-40, 05 6.ˁ.06.60*+50
,+-ˁ " 8ˁ --.* 60ˁ<+9 ".6ˁ:0 6+8ˁ, .0 . 0.-ˁA+" .-ˁ.4ˁ ".*0-ˁ . .40*
70*52. 2ˁ "+-ˁ06ˁ% 0-0,0 6ˁ 09*ˁ5 1 +"6.*+-ˁ,1* +90 .6ˁ0ˁ -04 1ˁ61""0*41
06 .-ˁ,19 6.60ˁ,105 6ˁ ˁ3+.*3+.-ˁ 4ˁ-.,7 *.6 1*ˁ."60 +8ˁ0/ " 8ˁ. "9*.*6ˁ3+ˁ50
+*+-ˁ0ˁ41-0 6 , 8ˁ5.6 ++- ˁ4+-ˁ *ˁ60-5"1ˁ+2ˁ*0 .8ˁ9".4 +-ˁ6 *90 0ˁ.5+440
60 6.*4.0ˁ ""ˁ 04.0ˁ.44 418ˁ7.206+ ˁ5 0,0(ˁ +*40 06ˁ% 0-0,0*ˁ *60 , 0*4+-ˁ,+
.: 6ˁ 2ˁ01ˁ60-51 0ˁ* 7 "ˁ6+ 2. +-ˁ *ˁ ""1ˁ 09*1ˁ0/6 6 6ˁ6.*6+-3+0ˁ2 0** 1ˁ.*60
-1 60-ˁ *15 *.6.ˁ60-0 6.60ˁ0/504 6 1*0-ˁ,1*6 .ˁ .C.9.-+-ˁ + ,05"6ˁ.2ˁ ".*,
3+14.-U + 61ˁ50 +. +8ˁ3+ˁ.ˁ ., 8ˁ 7 6 .*1 +-ˁ40 , 0*8ˁ *60ˁ, .5+".-ˁ06
,1 61--ˁ9 0908ˁ-. ,0 ,0*6 24.".0ˁ.+41 ˁ +6ˁ+6ˁ ., *1 0ˁ." 3+1ˁ 0*0 ,,*60-
9"1 .-ˁ 0*1:. 06ˁ5 151 6.ˁ+ 2 8ˁ0/5+9*.*4.0ˁ ., " 6.60ˁ06ˁ,1- -14 6.60ˁ G+ˁ,1
*.6+8ˁ0<+8ˁ:. 8ˁ,." 2+8ˁ+6 *3+0ˁ-0-1 .2 " 8ˁ.4ˁ *0-ˁ + 6 .ˁ +6ˁ-.9*1ˁ.,,0561ˁ.2
24.".ˁ4.-*1ˁ 0 13+0ˁ *60-50 6 :ˁ,1*""" ˁ510* 6+6ˁ . 1,7+-ˁ *40ˁ 0:0 +8
3+14 0" 3++-ˁ: 6.0ˁ + 6ˁ *9"1 +809 6ˁ06ˁ,+- /: .**18 09*. 06 71,ˁ.**1ˁ .6 8
1*,0 6 6ˁ +,ˁ *ˁ 09*+-ˁ +,,0 " 6ˁ .7+-0608ˁJ0 ".*.0ˁ5 .0 04+ .0ˁ.*60.ˁ.ˁ5.6 0
-51 6+8ˁ ˁ3+ˁ 6.6 -ˁ4+18ˁ .6 08ˁ +18ˁ,1-5 070*4ˁ<+ " 6ˁ06ˁ9 .*4 1 0-ˁ*.6+ˁ 0,+
50 ,+ " 6ˁ ."60 ˁ12ˁ * -.-ˁ.06.60-ˁ .4ˁ60-5+8ˁ5050 , 6ˁ +2ˁ,+ 614 .ˁ7.20 0ˁ0+-
,1*60*6+8ˁ .,ˁ51 60.ˁ.ˁ5.6 + 8ˁ 09*1ˁ0/5+" +8ˁ0 6

?>Y! 6 -!ˁ .ˁ . $ ˁ ˁ (ˁ ˁ7 Eˁ 2ˁ- ˁ * ˁ ˁ9 ˁ 2H+/E+)
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,0 6 1 0 - ' 40 .6 8 - 1 60 . ,0 06 ' 06 .4 60 ' * ' E."" . - '
1 - * ' - 1 .' 51 67.2 6.' ,.50 "0*4+ - ' 71 6. 06+ ' "60 1'
51 6 4 0 06 .94."0*+8 J. 1".' 01: +8 *$1"1* . - ' - 6 '
6 6+ ' 3+ ' 70 - 0 ."4+8 - 1 21' 1*6 ,1 '.+6 ." .' 0' 06. '
4. 06+ '0.40 - ' - .*'4.6.'5. ' ,0"0 6.60 .4 090*.'50 0 06
& 4 0 + - ' 6 *0 0', . ,1: . - ' :0* 6 70 - 0 ."4+8 ' 0/'
3+1' 06 5. 0*6 8 " 60 8 51 63+. - ' 40 40 ,0 "2 8 + ' - 1 60
,19*1: 6 0/ '06 ' ,. +8 *1*' 1 - * *1' 5 15 *.6+8 0 06 ' 6. - 0* ' +6 * ' *1: ' 09* ' * '
9 0 "+' ,1* + 8 .47+,' 02+8 ' ." 3+.*6+ - ' 50 ,+" +8 0 6 ' ,+ - ' 4 " 40 0*6 01 + - ' 3+ '
,.' 5 +* ' 0 .*6 ' 0*60*6 .0 '.*'6.*6 50 ' * ' $1"1* .' - .*0*4+ - ' 0 ' 0 "06 ' 4+ - ' 08 * '
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20 .6+ ' .*60 1 - * .'5".,+ 6 ' +6A.,12+8 J. +8 (50 ".0+8 0*.61 '$. 4* 68 ' & ' - .9* '
90 ' 06 - +"6 5" , 8 414 *.0 ' 3+. - 5 - + - ' * ' E."" . - ' .4 09 *. - ' 0 - 660 06+ '
,+ - ' - .*4.6 8 ' 3+ 2+8 0 ' 090*6 8 4 9* 6.8 06 5560 6.8 .' . 1"1' .66 2+6.' ,1* - .2. '
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6.6 - ' 51 6 . 1" ' " ' - 1 60 - ' 3+ 2+8 40 0<+8 12 6+ ' 06 0/6 0 - .' ;1"+*6.60 ' 3+.' 0 '
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.:. ' 0<+ 40 - ' 0 0' 0/0 - 5" ' " 60 .8
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0 .*6 ' ."60 ,.6+ - ' + 6 ' G+ ' 5 +40*6 1 08 0 .*6 06 09 .0 4 9* 6.6 8 - .9 8 6+4 1 ' ,'
,0* 02.*6 ' 09*+ - ' $1"5* .0 6. * ' 71*5 ,0 40".6+ - ' 1 - * *5' 06 *0*4+ - ', 0 ' 4'
0* - ' .4 . - . - ' 06 5.,0 - ' * ' E."" .' ,1* 6 6+0*4. - ' 50 6 *0 0' ' 06 ' , "2 .4 1* 2+8
09*1' 06 "0* 1* 1' .' $ 460 6.*6 2+8 ' +6 6+*,' <.4.2.6+ ' 4+,0 - ' 06 5.6 1*+* ' 02+8
+8 ,1*6 .' E+ .*18 3+.0 0*6 2+8 1" , 6.61 ' 09 ' 1 - * ' .6 1 0 0* 6 0*4+ - ' 0 "0 ' +6
' 09*+ - ' ""+4' ,1* 0 :06 ' .4 3+14 .6 0 - ' . - ,1 + - ' 06 ," 0*6 + - ' 3+18 5"+ - 18 <. - '
7.20.6 06 51 1' 7.2 6+ +8 6 ' + .9 8 +,,0*6+ 60 ' 51 "0 508 6 ' 06 6.' 71*0 6.' - '
1*0 5 1,+" . 0' .,'6+ 2 8 .2"09. ' ." 13+ ' 4 ,0 "+ - ' ++ - ' +9.0 .4 *0 - ' *1* ' 1"+ - '
5 12 1 + - ' 1 0 ' 04 ' *0,' 50 ,+"1' ,. 6+ + - ' . - .3+0 5 +(' 50 ' " + - ' *1* ' - 04 1 '
, 60 ' .20 .4.6. ' - .<1 08 3+. - ' .*60.' * ' E."" .'6+ - +"6+8 0/, 6.6+ - ' ' 3+ ' *+*,' *B
609 .'0.' .47+,' 3+. ' * ' +"50* 3 *6 ' " ' ,1*6 .' +6 5 *, 5 ' *60 ' 40" , .8 ' " ,0*6 . - '
,6 .4+".6 1*08 0*+6 61 ' 06 .2 71 4.' ,9 6 - ' 09* ' 4 , 5" *.' .271 0*6 ' 9 .6 ,. '
0*6+ 09 *.0 0+ - ' *0 - 1 .' 06 51 651 6.' 1 - * ' 40,1 8 06 ."60 +8 0 ' .6 1*0 * ' E."B
" . - ' 0:1,.*6 ' 5. 0*4+ - ' +.402.*6 ' 3+.0 5 .0 0*6 8 ".6+8 E."" , ' 0. * ,1*4 6 1*0 - '
4 0 40 - 1* 6 06 ' +6 ' 12 - .9*.6+ - ' .4 1*08 ' 4 :0 .'515+" ' 6+4 .' 06 7.0 0*8 <. - ' 4 + '
* ' : ,0 2+8 - ."+ - ' *60 6 *+ - ' *1* ' ." +*40 506 61 0 - 04 1' 3+. - ' 5 .0 0*6 .' 09 8
,+ . ' 51 " 6 ' * ' 01' 09 . ' .+41 6.60 - ' 06 5.6 ' 09* f ."+60 - ' :0 6 ' ' E."" ' 6.6 - '
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< 03+0 :061' +"". - ' .6 8 <+ 6. - ' ,.+ . - ' $1"1* .0 4 * 2 8 5 12.6+ - ' ' < 1560 '
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60 *18 5 *4508 ,".*40 6 *.0 5 1 04 1* 8 ,1* " + - ' .4",' 0/,+ .6+ - ' ' 5 1 *40 '
,+ - ' 1 - * .' *' 6., 6+ * 6.60 06 ,0"0 6.60 51 6.' " *6 ' *+""+ - ' ,+*4.6 1* ' "1,+ - ' 0 '
" *3+ ' ' 3+ 550 3+14 .9.6+ ' 0<+ - 14 ' 0 0 ' +6 *1* ' * '50 . 6+ - ' ".+4. '51 " 6 ' + '
<+8 0*60*6 .0 .+41 ' + 6 07.6+ '& ""14. +8 40" 4. + - 09 8 . 2 60 ' 3+ ' 4 5. '
- 1 2+8 J .*, ,1 2 . *.:0*1 1 156 *1 09 .0 5+0 R .0 1" - ' - 140 .61 " +,,0 "0 '
.6 ' 06 1"+61 .4 16 + - ' *90* 1 5 150 .*60 - ' 5 *, 50 - ' *, 6.2.6 ' 3+.0 06 0*60*6 .'
; , 6 ' 6.3+0 4 08 5 1 04 4* ' 4 4. ' 5 .0 - 1 $1 - 51* 1 U 0""0: 01 ' 3+ ' . 1"0
- 1 60 - .*4.6+ - "09.6 1* 8 0/ 5 . 0 ,.+ .6+8:0* .. 0*.6+506 .5 +8 0 *' : . / '
404 6 ' *0,0 ". .' *' 6 *0 0 5. .6+ - 8 ' 5 0 0/ ,1*,+2 .' *140 ' 9*. 8 *03+0 6. - 0*'
1." 3+ 4 + 5 ,.*6 2+8 $1"1* 8 ' .,4: .' ,+ - ' 5.+, 8 / : S." ' G+ *6 7 09 04 6+ 8
06 51 6 4 0 .4 4 . ,1 - .**1 + .' *0 8 50 :0* 6 ' D& 4+8 J.20 ' $ 2 .4+8 0, 06 '
,1* , +8 ' 3+ 5 .0 0*8 .4 .,0""+ - ' 3+144. - ' 0/6 .' + 20 - ' 4 +6+ - ' 5 .0 61".2.6+ '
,+ - ' 03+1 + - ' *60""041 6 05 6+ ' 090 - ' .6+8 ' ,1* ,0* 1 03+1 03+ ' * 6 6 "%0 ' 0 '
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06 ' *' 1" 6+4 708 .,'5."+408 40".6+8 ' <. - ' 0 *' + 20 40604. '$1"1* 8 .,,+ 0*6 2+8 ' 06
E.""18 6.*3+. - ' 6 .*8 +9.8 * 0 6 8 .* - 8 5 1 03+0*6 2+8 ' .9 0 6 + - 3+0 - .* + 0 .4
018 ,+ - ' +4 2+8 ' ,1*6 8 ' 7. 6 8 ' " 91* 2+8 ,1*9"12.*60 ' *' "1,.' - 504 6. ' 3+.' 40* J '
" - .'0 .6" ":. ' 03+1 4 - "%1 ' .24 6 <' 4 "2* 3+0 ' + 6 ,.0 5"02 8 ":.0 *0/+8 - .*6 8
,". - 1 2+8 60 6+8 *' 5 1/ - . - ' 5."+40 - ' 7+ - 0 8 60*+8 - - 66 6 +2 ' .2 . +*4 *06, '
, ,+ - 056+8 ' 06 ,.5+6 .4 *,0 618 <.,+".*6 + - ' 4+8 " - 1 .'5."+40 40*6 40 - ' - 0 90*8
616 8 3+ *40, - ' 71 840" + 6 ' %.*40 - ' 4 ".20*60 50 ' 6+9+ .'5"020 ' 5 0 0" 4 8 *'
,10*1 1, 0 8 *6041 ,.5 60 5 14 < ' 06 51"" : 6.6+ - ' 71 - *+ - ' 50 ,+"+ - ' ,1 - 6 2+8
. - "" 8 <. - 0 . + - ".* .6 2+80/51" 6+8 1"1 , 0 + - ' +"91 0 4+,0 1,, 40*60 - ' :0 ?
+8 60 ' *60*4 6 ' .,'6.*40 - ' : .' 0 "+8 ,+ - ' . - *0 ' ,+<+8 :. 4+ - ' *0 , 02.6 ' 150 4 : *.'
6 .<041 ' .4 6+9+ + - ' 3+144. - ' 5.*0 : " ' 06 ,0 : " .' 0 0 0, "%06 ' 1 6+*.6+ - ' 60 '50 '
033 6+ ' 06 ' ,+ ' : / 0 40 : .' 0"%+8 + 6 *0 06 ' 704.'5 1,+" ,1* 504. ' 3+.' (.* ".+8
'S. * ,1: +8 $ 2 ., 1 + - - 0 . - ,+8 :0702.6+ ' .4 0. * ' ,+<+8 0" 06 9*. +8 ' :0" ,+*"
,0 6.'50 * , 0 .,,+ 6 ' .2 013+0 704.0 - 51* 6+ ' 8 *' - .9* ' 09* ' . - 0 . ' ,1 '
- 6.6+ 0 .6 3+ ' 090 - ' .24+*60 - ' * 0,+6+8 ' 8 $"0C *.0 6 09* ' 06 4 6 1* 8 + 6 .,.,'
,1* * 2+8 : / 6.*40 - ' .4 0,+6+8 ' ,+ - ' 0+ - ' - +"6 8 :0 2 8 ' +6 *' 09*+ - ' 04 ,6 ' 12 '
60 6.6+8 0 06 ' 090 - * 0 0/1 .65 ' 51"" .,,056+ - ' - .9* ' 5 06 ' .2 5 1 .**+"+ - ' 06
: , " - ' 041 5+9 1*0 2 .,7 1 06 4A +41 .*9+ *0 40 4 - .9*1 5 - 8 09 8 "+51 0
: 1".2 "0 - ' 5 ' .44 / 06 ' .,1: . - ' 04 2.6 ' (04 ,+ - ' ." ' 0.61 08 ' 3+ ' ,+ - '
S. * ,1: 1 , .*6 ' $ 2 , + - ' «. 8 60 6. 0*6 ' 06 6.*3+. - ' +9.0 .+ 1 0 - ' .,1B
: . - ' .4 ,.+ . - ' 4 ,0*4. - ' 06 .70 0 :0""0*6 ' ""0 * 7 " 6+ 2.61 :+"6+ ' + - - .' 0 ,1* '
"".*6 .'40 0*4 6 ' ' *03+0 *+"6.8 1 0 4 / 6 ' " ' 3+.8 .2 5 8 .,,05 06 *<+ .8 ' 06 6.' * '
, 04 2 " ' .* - ' 5 .0 0*6 .'50 ,+"+ - ' 4,5+" 6 3+14 - 06+8 *60*4 "06 ' ,1 - - 14.6.3+0
.'S. * ,1: 1 S04. ' 60 ' *,056+ - ' 50 0/ 6 ' *603+. - ' 0/ 4 ,040 06 ' 71 .' *1*.'51 '
- 0 4 .*.' . 1"+ - ' I .*C.0+ - ' "09.6 1*0 .* ,.'<. - ' +* - .' ,+ - ' ".+40 40 +*4+ - '
.4 0 .,,0 6+ - ' 0, 06 ' 5. 6 , 50 - ' 0, 6 ' <+"" 63+0 ' +6 *' 0*.6+ +1 ' *1 - *0 <+ 6.8
,2* 4 ' 5 .0, 5 6.6 ' ,.+ .8 0/51*0 06 ' 9. 063+0 5 1,0 08 ' +6 ' 3+14 0, 06 ' 4 6.*B
3+. - ' *0,0 " 6.60 .4+ - 0/,+ . 0*6 ' *. - ' .4 0+ - ' 60 8 50 ".6+ - ' 1*4.0+ - ' ,+ - '
*+ - 0 1 1 0/0 , 6+ *' 01 0" 0 ' +6 0/ E0 - .* .' *' E."" . - ' 40 ,0*4.6 ' 6.3+0 50 ,+"1
5 .0:, 60*4+ - ' 0/ 6 - . 0 ' 3+14 ,+ 1 ' *' 60 - 51 0 02+8 5 1 + - ,1* +"6+ +8 6 ' '
5 1 *40 .2 5" 8 506, 0 ' +6 0/ 0*.61 2 4 *0 40",418 .4 0 - 66.*6 *' 6." . - ' .+6
E."" . - ' " ' <. - ' +"60 +8 6 5 19 0 +8 ' ,+ - ' 3+ 2+8 ' 40 5 1 + - ' 05+2" ,.' 1 4 *.*4.

% $ ' ' ' * # $ A, ' ! , # ' ' , ' 2 , $ - 9 I ' 8 ' (2
' '; $ = a !3]) $ U '; 6" ' 2 ' 8 !6

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.9.6ˢ 06ˢ40,0 *.6ˢ *ˢ0. *ˢ 0 -ˢ "60 .(ˢ.4ˢ 0* 6+ -ˢ,6ˢ *ˢ 4 *08ˢ0240 -ˢ4 0ˢ 0/ˢ " "&
4040 .6ˢ06ˢ5 :.6 - ? .4ˢ05 6,15+ - $* .* 0* 0 *ˢ.4 (21 1: + - $.".6 *+ -ˢ . ,+8ˢ
,1: 0* 0 -ˢ06U h 1"R + -ˢ5 10. ",0"". + -ˢ.4ˢ . 60"".*+ 6ˢ h 1 * ,0* 0 - ;ˢ06ˢ ,
; 0ˢ .40: " + -ˢ " , .0ˢ4+,0 -ˢ06ˢ 6" +.* .0ˢ6 2+*+ -ˢˢ (0,+*4+ -ˢ7.0,ˢ *ˢ 0*.6+ˢ.+
" 4 6 8 .*C.0+8ˢ51 63+. -ˢ 09 8 - .*4.6.ˢ0/51 + 6ˢ 0*.6+8.4ˢ 5 + - 4.6ˢ"60 .8' 3+
2+8ˢ5 1560ˢ50 ,+".ˢ 09*1ˢ - - *076 .ˢ06ˢ 1040 F,6 -ˢ; , * 8ˢ5 *, 5 2+8ˢ*1*4+ -
0*1:.6.ˢ06ˢ *40, .ˢ0+ -ˢ.4ˢ 0&0 60*4+ -ˢ *ˢ$1"1* . .ˢ0* /0ˢ.,ˢ +55" , 60ˢ71 6.
2.*6+ ˢN 47 ,ˢ.,ˢ51 6 4 0ˢ.4 ./ - .*+ -ˢ .0 . 0 -ˢ, 2+*6ˢ< 06ˢ*0ˢ,+"5.ˢ,".*
40 6 *ˢ4 ,0 +" *ˢ 0ˢ3+ˢ 0908ˢ., 5 *, 508ˢ 518ˢ5 .0, 5+.ˢ 0 *50ˢ:0*0 .6 1*0ˢ5 1
0,+6ˢ0 "0*6ˢ 0< ,0<06+ ˢ0. *ˢ.ˢ 090ˢ *ˢ018ˢ3+ˢ5 :.60ˢ,1* "1ˢ.4ˢ71,ˢ . 6+ -ˢ - 5+
"0 +*6ˢ4 0 :.*6ˢ .0 . 0 - 3+0ˢ.4ˢ 1040 + -ˢ06ˢ5. 61 + -ˢ,1 - - +* 1*0 -ˢ3+.0ˢ ""
,+ -ˢ 09*1ˢ$1"1* .2ˢ *60 ,04 6ˢ,1"0*4. -ˢ *: 6.*6ˢ G+.8ˢ.4ˢ"60 .8ˢ6.6 -ˢ .0 .ˢ0
51*4 6ˢ06.4:0*6+ -ˢ 09 8ˢ . - . -ˢ5 .0:0 6 "0ˢ4 , 6ˢ?40ˢ0 060 1ˢ 1040 + -ˢ06ˢ5.41 + -
40 -ˢ 0" 9 1 0ˢ 0ˢ 0 :.6+ + -ˢ51"" ,06+ ˢ I

ˢ ˢ ˢ 0/ˢ& 0**. -ˢ:0* 06ˢ .667 . -ˢ06ˢ ./ - " .*+ -ˢ .0 . N "18ˢ,+ -ˢ
- .9*1 6 5.6+ˢ12: 18ˢ7.2+ 6ˢ3+ˢ5. 0*6 8ˢ*1 - *0ˢ.4:0* - -ˢ9 .6+".6ˢ +*6ˢ< ,+* 3+0ˢ
<. -ˢ+ 2ˢ5 15 *3+. 06ˢ .0 .ˢ5 0ˢ4+12+8ˢ.2ˢ0.ˢ - "" . 2+8ˢ,+ -ˢ ˢ,+ 2+8ˢ09 09 0ˢ
* 6 + 6 8ˢ06ˢ, , ,ˢ03+ 6 2+86+ - +"6+. 0ˢ,1 .4 8ˢ12: . - 5 1,0 6 - +"6.3+0ˢ20*0:1"0*ˢ
6 .0ˢ 9* ,.6 1*0ˢ * 50 .6+ -ˢ71 5 60 -ˢ0/,05 6ˢ9ˢ +9+ 6.ˢ 5ˢ.ˢ .4ˢ5.".6 ˢ" - 0*ˢ5 1?
,040*60ˢ .0 . 0 -ˢ5 +40*6 " - + -ˢ<+/6.ˢ 06ˢ 156 - + -ˢ5 *, 50 -ˢ *60ˢ - +" -ˢ06ˢ
09 09 .ˢ71 5 6." 8ˢ - .9* ,0*6 .0ˢ.,ˢ20* 9* 6.6 8ˢ - +*0 .ˢ71,ˢ 09ˢ,1* " + -ˢ404 "%0ˢ
- 0 - 1 .*6ˢ) 6ˢ5.,0 -ˢ5 - 8 09*ˢ.+ 5 , 8ˢ06ˢ *ˢE."" .0 - 9 0 %+ˢ + 8ˢ4. 06ˢ<70ˢ0+ -ˢ
+*0 6. -ˢ5 .060 61 + -ˢ- 0 - 1 . -ˢ 050" <ˢ51 0ˢ06ˢ01 + -ˢ,+"5. -ˢ *ˢ ." + -ˢ3+0 -ˢ
: 8ˢ516 +8ˢ3+. -ˢ *ˢ 5 + -ˢ 0<04+ -ˢ ˢ 4ˢ: 4 "%0ˢJ0 4 *.*4+ -ˢ5 .0ˢ - 0 - 1 .0ˢ5. 0*ˢ
60 -ˢ ++ -ˢ3+ ˢ51 6ˢ0/7.+ 618ˢ616ˢ50ˢ 0ˢ06ˢ +2ˢ . 1"1ˢ .0 . 0ˢ .6 0ˢ.4 04.*4.8E0 ˢ
- .* .0ˢ6+ 2.8ˢ06ˢ 0" 9 1* 8ˢ4 4 .ˢ".21 08ˢ,+ -ˢ. - 8ˢ 6.6+ -ˢ516 +8ˢ3+. -ˢ,+ .ˢ
6+ -ˢ - ."+ -ˢ41"0 06ˢ - .9*1ˢ1 - * + -ˢ 4 7+ -ˢ - 50 ˢ,1* 0* +ˢ06ˢ .55".+ +ˢE0 ˢ
- .* .0ˢ0.*40 -ˢ9 .6 . -ˢ 0, 6ˢ.ˢ3+1ˢ60 - 51 0ˢ + - - .ˢ6 .*3+ "" 6.8ˢ506ˢ+* :0 + - " -ˢ
50 + -ˢ +0 6ˢ *X04+8ˢ06ˢ50ˢ *60 53"66.8ˢ50 1*.8ˢ40ˢ,1*<+9 1ˢ ˢ" .2067.0ˢ ˢ.0 . 8ˢ
" .0ˢ06ˢ . 1"0ˢ40 +*4ˢ 09 8ˢ: 4+.0ˢ,+ -ˢ74:1ˢ 090ˢ *ˢ1, ,+"61ˢ 0 - 1ˢ'3+0 *ˢ 0/ˢ3+ˢ
,+ -ˢ21*.ˢ .0 . 8ˢ9 .6 .ˢ.2ˢ01ˢ4 0040 0ˢ,+50 06ˢ 6.ˢ0/,05 6ˢ+6ˢ*03+0ˢ,1*4 6 1*0 -ˢ
0,+ . 0ˢ *03+0ˢ0<+8ˢ 50 -ˢ,0 6. -ˢ .,0 0ˢ: 40 06+ ˢ + - 3+0ˢ 0/ˢ,1*: : 1ˢ.ˢ .0 . 0ˢ
0/,056+8ˢ,1 . -ˢ& *,0*6 1ˢ ˢ% 1*1ˢ 0 5+2" , .0ˢ&0*06.0ˢ1 .61 0ˢ 0ˢ<. -ˢ.ˢ - +"61ˢ60 - B
51 0ˢ: 40*4.0ˢ6. *ˢ . - 1 .0ˢ+ 2 8ˢ40 40 1ˢ60*0 60 6.6+8ˢ0 ",6ˢ3+14ˢ06ˢ0/5"0 0ˢ 50 .ˢ
06ˢ 4ˢ3+. -ˢ, 6 "" - 0ˢ50ˢ0+ -ˢ0*.6+ˢ 0*+*, .6+ -ˢ0 6ˢ 3+14ˢ - .9* , 8ˢ.401ˢ.55.ˢ
.6 2+8ˢ3+.*6+ -ˢ50ˢ60 - 51 8ˢ .*9+ 6 .8ˢ" ,0 06ˢ.4ˢ6.*6+ -ˢ71"5 60 -ˢ0/, 5 0*4+*ˢ
., 0*4 8ˢ1, , . 1*0 -ˢ5 .02+ 6ˢ $2 6ˢ." 3+16ˢ4 0 + -ˢ - 1 .67ˢ *ˢS."ˢG+ *6 ˢ 0/ˢ.4ˢ
$1"1* .0ˢ 0*.6+ -ˢ40*+1ˢ4.6ˢ"60 .8ˢ'3+ 2+8ˢ06ˢ,1* + -ˢ"+ / -ˢ0/5" , .2.6ˢ06ˢ"09.608ˢ
.4ˢ 0ˢ - 66ˢ< <+/6.ˢ - .*4.6.ˢ3+.0ˢ .*C.01ˢ4040 .6ˢ50602.6Aˢ.4ˢ3+.8ˢ 0*.61 08ˢ3+ˢ
.,1: .0ˢ0 .*6ˢ*1*1ˢ51 6ˢ4 0ˢ 0 51*40 +*6ˢ06ˢ0/,+ .6.ˢ5.+, 6.60ˢ01 + -ˢ3+ˢ6+*,ˢ
.40 .*6ˢ0/0 - 5".ˢ"60 . +*ˢ.4ˢ 4 *08ˢ - "+ 18ˢ 0ˢ4 ,+*6ˢ+6ˢ0/ˢ01 + -ˢ,1*:1, .6 1*0ˢ
,0 6 +8ˢ 0 51* + -ˢ.4ˢ 5 + -ˢ4. ˢ51 " 6ˢˢ6+ *ˢ5 1ˢ0<+8ˢ *,1"+ - 6.60ˢ9 .6 .8ˢ 01ˢ.9+*6ˢ
0+ - 3+0ˢ 19.*6ˢ+6ˢ1 - * .ˢ,1* " .ˢ0<+8ˢ06ˢ.4 1*08ˢ 1 6+*.6 "" - 8ˢ06ˢ9"1 1 6 6 - 8ˢ.+ˢ
90.6ˢ +, ,0 2+8ˢ 0/ˢS."ˢG+ *6 "ˢ ,1056+ -ˢ 60ˢ50 03+ˢ * 6 6 6ˢ404+,0*60ˢ0+ -ˢ
. - .*1ˢ,3 -ˢ 141" 1ˢ +*9. .0ˢ 090ˢ06 *0 61ˢ."60 8ˢ " 8ˢ3+ˢ$ .9.ˢ, 6.6 8ˢ
U3+ 8ˢ.4ˢ0+ - ."+6.*4+ -ˢ:0*0 .*6ˢ 06ˢ.4ˢ . 1"ˢ. ,7 4+, 8ˢ .6 8ˢ *0 8ˢ50 0/ 6ˢ .2ˢ
R 4ˢ50 *40ˢ7171 ,0ˢ + 0056+8ˢ.ˢ4 - " 8ˢ'06ˢ *40ˢ.4#J1 ˢA+" ˢ" - 60 -ˢ:ˢ 4ˢA+"
\ ˢ ˢ ˢ ˢ :0* 6

% $ ˢD ' 6# ˢ ˢ _ 6 $ˢ ˢ ' !ˢ ˢ _ ! 6ˢ $$_ " > $ˢ 2
0 #6] ˢ ˢ 54 3 ˢ" ˢ ˢ #/ ! ˢ 2 ˢ8 !6 ˢ 8 . " # 3 $ l? . ! ˢ #(ˢ."
(ˢ 5ˢ ?

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&':0* 6' " 52: + - 36 0' 7.2+ 6' 0 1*; - + - ' # / ,07 ,+ - ' 5 1: *, .0' 5 .0), 0 - ' ,+ -
) '03+ 6 2+8' 5 ' 0/' *12 " 6.60' : , * .' 09 ,9 0' * " .4 8< - 1/3 K ' .4' 0+ - ' :0*0 - *6' *B
4 0.8' 2 .41. +8 'A1. **08' ' ,7.0" +8 'A1. **' ' (+50 .*6 +8' 06'A.,12+8' 'J1 ,. *+8'
3+ ' 0*.6+8' *1 - *0' .4:0*6+ - '9 .6+". ,*6+ ' 06' 0 ' 1 - * .' 5 1" /0' 4, 0 0* ' 0/ '
. 63' 50 ' ' 15+ - ' - +* 6 " - . - (' (.:1 * .*1 + - ' . ,0 - ' 6 *0 0' 06' .* 0" 8' .*1'
50 6 .* 61' +2 ' 12: + - ' " 1* .' J0 . .0' 4+,0 - ' 7.2+ 6' ."60 1' 51"" 4 0' (5) * '
2, 9+ - ' :0* 6 ' 6 .* - "2' %." . - 0*61' 50 '51*60 - ' 0 6 *.61' 150 0' " .6+ - '06' .4' '(. '
, " + - ' 51 60.' 71 5 6 + - ' 7.2+ 6' *' A.,12 ' .99.C1* ' .04 2+8' ' *' 3+ 2+8' ." 3+16'
.*60' .**18' \ 1* .' (2 6 .' $3"1* .0' 09 * .' *' 5+" .5.' 60*4,*8' 4 :0 60 .6' 2' .4'
,+ - ' :0* 6' $.+"+8' \' J1/ +8' *+*3+. - ' - 7' *0' 71*1 , .' 5 .0 .6 1*0' 4 ,0*4+8' 1 '
- .0 ' 3+1' .' . 1"1' 090' - "+8' +0 .6 ' *1*' 6.' 4 9*0' 7.2 6+R' (., " 1' 1 *0" .*+ .'
0140 - ' 4 0' :0*6+ - ' +2 ' - 1 .' 2 4++ - ' . 6. ' 12' 51*60 - ' 3+ ' ' % - .:1' "" ,' 6 .* 6* 6'
60*41' * 51 6+8' 0 .6' .2' - 2 2+8' *6+ - 0 ,0*60' "+: 1' 4 8<04+ - ' 3+140 - +* '&. ?
"0 ' 2 "0 , .6 '& ,0*6 * ' ,+ .' 0 041 ' 0/' 51 6 4' 0' '%' . ': +* ' :0* 6' .' . 671"1 - .01'
51 * .*1' "1, '56.0"640 3+ ' 4+48' 03+ 6+ - ' , .6.57 .41 + - ' " 1* 'V$1 6 ' 06' *0.0'
Z' $ ' 2 , '6+ - .8' 4+,02.6' + ,056+8' 06' - 1/' 03+08' , 0.6+8' + 6' *40' /' . 9. + - '
404+4+8< +2 ' ' 0*.6,* 08' *' 619 8' 5+ 5+ .6 8' , , 8' ,+ - ' 616 40 - ' ; - 2 8' 5+ 5+ 01'
0 ,1' 60 - ' 5.**1' 1 *.6 8' 12: 18' 7.2+ 6' 3+1 + - ' 5 *,058' 0 .6'A1. **08' %' 1 . +8 '
*+50 ' 09.6 1*0' .5+4 .0 . 0 - ' 40 +*4+8' 06' 09 ' *1*' 9*16+8' 3+14' ." 3+. *41' *'
E."" .' 0 5+2" , .0' *0916 .' 5 1,+ ."%06' 2' ,1* ,0* 1' * .: 9 1' * .+ .61' 06' 5.**1' .+ '
01' * 6 .61' ,+ - ' " 1* 'J0 . 0*" ' 06' +41: ,1' 'E17C.9.' :0 * ' 4+,0' 3+ ' *+B
50 '$1"1* .' 5 1 04+8' ,+ - ' .' $.6.: ' .4' :+"*+8' , + 8' ,+ .*4+ *' :0* 06' *60""04 .'
. 1" ' - 1 60 ' 6.6 - ' .*60' ." 18' 1 - *0 8' .4' *1:+ - ' 090 - ' 0:1".:0 .6' + .*+ - '
1 , * 8' : 6 . 8' 6161' 1 20' 00"020 - + - ' :0*6+ - ' 3+1' "1,1' 5. .6.0' 0 .*6' ,; - 2.0'
'5.**1' 0 ,1' .6 1 ' +6' " 4+ ' - .9 8' ,1*:0* 06' :0".6.0 ' .4' E.""18' 404+,0*418' 3+ '
*' 4 08' .4' 090 - ' +*4 3.0' ,1* "+02.*6' + - + .* ' 0 ",6' $7 " 55+8' 1*,1 *5.9*+8 '
,. 4 * ." 8"09.6+8' ., ' 4' , 0R+8 ' .40+ - ' "."+6.*4+ - ' :0* 6' 06' f 6+8' 1 - 20 9+8'
.0 . 8.5+4' &0*0618 1 .61 '
' 7 ' 5 .*4 + - ' 0 0*<"" - +8' 0 5+2" , .0' 4+/' "1 6+8 1,0* ,+8 ' *0,' *1*'
""+ 6 - ' 3* .61 08' .4' ,+ - ' .0,0 "0 +*6' *.9*1' 6 0 - + - ' 06' ." 1 + - ' * .: 9 1* - '
* 1" 6.' - .9* ,0*6 .' * 6 +41 + - ' 01 - 6.6+' ' 06' 404+4+ - ' .4' 4+1' , . 60"" .' +*6 ' 3+.0'
" 6+8' 6*9+ 6+ - ' 3+14' *60 '5."+40 - ' - . 6 - . - ' *' 3+1' , : 6.8' " .' 0 6 ' 06' - . 0' . '
4 .6 ,+ - ' 5 .060*4 6+ '4 : 4+*6' *' 01' . ,+8' 6 + - 57."08' $.<".4 ' . - 1" "" - ' . '
07 604 ' *4+ 6 .' 0 04 ' 0 .*6' +2 ' 20.61 + - ' 99' - 2 1 '06' +9+ 6 * ' 7; - *1' .' ; - '
5" 5* ., 8' 40, .*6.61 ' 06' + .* ,+ - ' 09 ' : ' (' . , ' 5 1,+ .61 2+8' 5 .0 0 0*6 2+8'
090 - ' *' +,0*6.+ + - ' - - .* 8' - .9* 6+4 * 8' + *4' 06' ."60 1' 6.2+".61' 4 6 *4+ - '
* .: 9 + - ' 06' * 1" 6.' - .9 ,0*4.' 5.**1' 0 ,1' .+ 01' *60 60/61' 1 - .6+ - ' ., , 5 +*6'
*40 ' 61 * 0*61 + - ' *40 *0*6' 4 5"1" 1*0' 06' ,1* + 8' 090 - ' ."+6.*6 + - ' 06' .4:0* '
0*6 ' 20*0' 5 0, .*6 + - ' :1, 2+8' ., ' 6; - 5.*2 + - ' 2+,0 * . + - 3+0' 1* 6+' 021.*60' 5. '
" - ' .40 ' .*60' ' . , 60 - 5"+ - ' 06' 5.".6 + - ' 5 .060 :04+8' 0/' - .9*+ - ' , .*.", - ' * '
9 04 6+ ' 06' .4' [' J1 ,. *.8' .040 8' .4 - 14+ - ' 5.6 1 .8 ' 3+.0' "" +8' 71 5 6 1' 40 6 *.6.0'
0 .*6' 0/ 6 +41' *' , .*." ' .4' ., " 1 0 - ' 0/ ,0* 1*0 - ' " 9*01' 509 - .60 ' / : 'S." ' (0/6 " '
404+, 6+ ' 1 ;0 - ' 4 0 + - ' 5.6 1 ' 616' 0* - ' *' + 20' ,1 - - 1 .6+8' 0 6' *+""+ - ' - .9* '
,0*6 .0 ' ".06 6 .0' 5+2" , .0 ' 12"04. - 0*61 + - ' ., ' "+41 + - ' 90*+8' *1*' 0 ' 5 1" /0' 0/ '
7 2 6+ - ' 6.*6.' 6. - 3+0' 03+0*60' 504.,+"1 + - ' : . 06.6, ' +6' 6161' 01' 60 - 51 0' : /
71 .

#' . - '7 ' ' . @' //% ' / *' ' '+ # ' % . ' ') ' '+ '3
+ 6 5' + ' ' /+ ' '1+' ' '+ . ' \' " ##
]% '+ # ' ' '4 ' _' '> A' ' ' 3 ' '4 6 ' :+"91' '%
[illegible] ' ' ' 6 ' ?5 ' '4 ' V4 ' /9/4 'G ' ') ## ' ' I '
0' ' ? ' , # ' ' ' ! 6 $' V'4 ' $'
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72 .':0"*1 6+ *.'.2' 8':.,+.'5 .060 0 6' ,1""+,0*6 2+8'5. " -' ., 2+8' .4' 0*0 6 .8' " &
.551 6 8' $ .0, 5+'71*1 8'9 .6 .'.' 0*.6+'40"0 6' +0 .*6' ,' 0' 5.6 6 .'*12 " 6.60' <+' ' ?
% +08' 3+' 09 + -' ".6+8' 6090 0*6' 06' 3+14' *12 "08' 41 - 0 6 , ' .5+4' *18' ., +*6' .4
1 - * .' - * 60 .' 5 .0 61' 0 "0*6' + - 3+0' 1 - * 2+8' - 0 61' : + -' + 6' 71 - *08
5 *, 5+ -' - ./ - 0' - 50 + -'0/1 18' 06' * 7 "'5 .060 ' ,1 - - + "0 -' 0 5+2" ,.0' +6 "
6.60 -' 0 5 , 0*60 8' 6. -' , 61' -+* 8' , ,.' 090 -' 0 6.6 -'06'1 , 1 0'120+*4 8' * +0
: ", ' +6' 5 6 *.0' *'3+.'04+,.6' +0 .*6' " 20 6.6 8' 5 4 +8' 12" 6 '06 . -'0. *' *'+* +8
<*.*+8' " 20760 ' ,1* 9*.6+ ': 40 0*6+ ' (+2' 4 ',+ -' - - .*+0"$7 " 20 6+8' (.2.+4 .0
4+/' .4' 0 -' *60 -' :0* "06' 06' 51 60. E+" 0" - +8' .*6+.0' 4+/ ' ,+ -' 8' ?"09.61' 51*
6 , <J0 . 0* ' 06' :0 * 0*" ' 4+, 2+8' 5+2" , 8' ,1 - 6 8' .*60' 0 0* " - + -' 4+,0 -
040*8' 0/' *60 + 6' 06' + - 561' +*1' 0/' / / / : #.+ 0 8' + J .9 8' A.,12+ -' ' 1*6. 0
+ -' .4',' 19.61 + -' ,1 " +*' ."'09 6' 3+ ' - 1/' *' - .9*1' ,1*, " 1' ,1* 0*6 0*6 2+8
0 0' 1 - * + -' + J .9 8' *' 01' - +*0 0' ,1+ - .6+8' 0 6' .90*6 3+0' 9 .6 .8' 5 1' 40".61
" 2 ' 71*1 0' 1*6. 0*1' 0/' - 140 60' 0 51*4 6' *1*' 2' 04' 0*.6+' .90*4.8' 0"J0' 3+
4 9* 6.60 -' 0. *' 5 +8' : 6+6' .,' - 0 6 8' 3+.0' 5 120' 50 50 6.' 7.20.6' 406+"0 6' *
0.40 -' .+".'51 60.' ,71 0.8' 504.: 6' ,+ -' ,' 0 0' : 9 *08' 0+' "1 0 6' .06.60' - .6 1
.0 '5.6 6 .' . - " .'.6.0 '06' :0 6 2+8' 0 , 8' ."2 8' *4+6.0' * +50 '90 - - 8' 06' +* 1* 2+8
5 06 1 "" - 8' 1 *.6.0' 5.: - 0*61' 6.506 2+8' 2' 09;56 8' .,' $0 , 8' * 6 .61' 5 .060
1,+"18' 0<+8' *+ - 0 1" 8' 5. 2+8' .4 - 6.' 9 .: 6.6' - 140 6 .' - +" 06' <+,+*4 6.60' *,0
40 0*6' (04' ." .' 1 - * .' 504.,+".' +50 .: 6' 0*.:." 8' 06' . - . - 0*6. ' "+ 6 .6 1 ' 3+
"1,+8' 0 6' *' 0/6 0 - .' + 2 8' 5. 60' 1 6+ -' :0 38' - + 15 .0."61' 066+ 2+8' , * 6+8'
- "" . + -'. - 2 6+' +* ,.' 0 5+2" ,.0' 61 61' 1 20' 51 60*6 "" - .0' 06' 12 0' 50 '61 6' .**18
"0 - 50 ' .4 - * 6 .6.0' . /' 06' 12+ < +2 '6 0 - + -' 06' 1 - * 8' .55. .6+8' 20"" '. - 1 + -
3+0' .4' * 6 +0*4+ -' 3+0 - " 206' 0/0 , 6+ -' * * 6+ -' 5.0*0' *+ - 0 + - ' . 6 ,+ -' -
+50 '06' 150 . 1 + -' *' .2 ,.*4 8' *1: 8' *.: 2+8' .6 - 8' ,1* , 0*4 8' - .,7 * 8' ,1*
". 4 8' 06' 0' 1 - * ' .4' 0 -' - "6. 0 -' *0,0 ". .' 1,,+5.61 + -' ,+5 4 - 0' 50 .: 6?
+ - 3+0' *' 1 , *.' 3+.4. -' 0 . .' 5. + - 50 ' ,1 - - 1 .6+8' .2 18' 9."0. -' 3+.6+1 '
- ."'0 8' *' *+ - 0 + -' 06' 4 6 * 61' 60 - 51 + -' 5.6 1' 6+*40*60 8' ,+ -' * 1" 6.' ,1*,0*6+8'
+.: 6.60' 06' .4 - .6 1*0' .+4 06' 3+ 4. -' 0/' 5 1,+ .61 2+8' *1*' * , 60' 0 51*4 6'
5 - . -' * + ,. - '.+4"1 0' $;67.91 .' 0/' - ."'01 + -' 4 2+8' 1 6. -' .,' 50 ,056. -' 0 0?
%16+8' 4 08' *9+" 8' 1 , * 8' : 0*4 8' * + - 56+8' ,+ -' + - - 1' - .*0' 0/' *.:."0' +2 '06'
5 .*4 + -' + - 5 6' *9 0 "+8' 0 06' ,+<+8' 5.6 1' *90*8' 6 0 - 8' 6.2+" 8' 6 .2 2+8' 06' . '
0 2+8' .*60' 5 05. .6 8' +2 61' ,1* 6 +4. '06' ,".: 8' .,' 5 ,0' ,1.9 - 0*6.6. '1 - * 3+0' *'
6 - .0*61' 6.' * 6 +4.' 0 6' +6' 0.' ,1* ,0* .' 0/' - 51 6 8' *' 0. *' ." 3+16' - .,7 * 8' .,'
4 5"1 8' .4' .040 8' +.8' 404+4+8' 6' %.*40 - ' 0506 61' .05 +8' ,1""13+ 1 ' ,+ -' 4+/' 0 '
0* <(- +8' 0*.6+8' *1 - *0' 40 -' ,1* " + - ' 3+14' ./ - " .*+8 40' 5.,0' *' E. "" .'
,1* 6 6+0*4.' * *+."%06' 0/' + 20' 4 ,0 6' : 'S." ' (0/6 " '06' .4' ' +, . +, *. -' .' 5 *'
, 50 3+0 -' _' .4. - .*60' , 1' ,' .+ 0 8' .0 6 - .61' 45*.: 6' 06' +* :0 1' "0*.6+' ,1 - - 0. '
6+ - 7+ - .* - 0' 50 6 6' 06' *40' 9' $.6.: + -' 50 0/ 6' +2' .' & 41 0' .9.4 *1' 5. '
- .9* ,0*6 .' 0/ ,056+8' 0 6' ,1 - 6.*6 2+8' 0 - 50 ' 0+ -' 3+.6+1 : 8' 3+18' .4' 0+ -
J1 + -

Q' ' .' ' $' $' ? ' ?4 ' ' $' ? (' '
'5 ## ' ' #4

% 'I 051 6 , 1' "09.61' 71,' .44 6' *9+".60' *4 .0.8' .+ 1,0*+8' 61 .0' &0*06.0' "2' _' .*' T_e' +,0*6.+ 1' 0/,0""0*6 8' 1 - .0' *.: 9 1' 3+14' .** :0 . 8' 6.*6+ -' * . 8' 1"0 - * 2+8' 5 ,1' *"" 6+61' .47 206+ ' 0/, 5' *1*' - 141' ,+5 02.6' :0 ' + -' 06 . -' ".9 6.2.6' !"09.6+8' 51*6 , +8' @ 04' *071B *1 ' 09' 402 6+8 ."3+.' *' 5. 60' - *+8' ""+ 6 8' 0:.40' 06' "1 3+0' 5+2" ,.0' " 20 ." 6.6 8' 40,0 50 06+ ' 4' ,. B 4 *."0' ,1*,04' - * - 0' 516+ 6' 4 '5

? 0' 71,' .4. - .*60' 71,' 06 . -' 50,+" . 0' , 2 6' 40 -' *4' .+ 1,0*+8' ,140 -' " 2 1' _' &0*06 .8' 5 *, 5' 040+*6' 0* 4' *1 - *0' 5 .0,0""0*6' 1 B - .' .4. - .8' 40".6+8' 0 6' 3+0 *' * 6 1' .,, 50 0' .2' *+0*8' ,+ -' - 1"0 6+ -' 4' 09' +6 6+ -' ,19* : 06' . , ,056+ -' 0*.6+' 406+" 6' ,+<+8' 40.061' "1,+"1' ." ' 01' *' ,.*40*6 ." " .' " 90*6' - 51 6+8' *60 '90 - ' < .8' ." .3+0' 5 06 1 .' 3+.0' *' .+ 0.' . " ,.' 0, 06 1 ' '. "0 :.76+ ' 0".6+8' 0 6' 4 5

' ' || ' *' *' *

& '.'J1 + -'A+" '5 .0 - 18'4 / - +8 ' 41*00' ' 14 9 *+ - ':0* 6' +2' " 1* 'J0 . 0* 8'
. ' 03+ 6.6+ - ' 12: + - ' 7.2+ 6
$' / ' + - - .' 60 - ' - .9* ,0*6 .' 0/ ,056+8< *40' 1 - . - ' $.+"+ - '
,'J1/ + - ' 0 - 6' 3+ '51*4 , ' 12' 6. - ' 71*1 , . - ' "09.6 1*0 - '9 .6 .8' .90 06' 3+ .'
- +*0 0' ""0' 40 +* 6+8 ?' 50 ' 6 + . - ' 06' E0*+ . - ' 60 ' 0, 6' . ,' - . / - 8'3+ . - '516+ 6'
6 *0 2+8' 090 - '<. - '5 19 0 + - '2' +9+ 6.0'%.+ *1 + - '. 0,+6+8' 0 6' + - ' 0/'.4 '
7+,'J0 . .0' 0 06' .4' 0+ - ',' E+ 4+8') 2 ."4+8) 2 * '4+/' :0* 6' J .*, 0' . - 1" ' "" +8'
4+48' " - 8 '3+ '5.+"1'51 6' .6 8' ,1* ,0 " 6' 1* 412 8 '&0* 6'06A. ,12+8 1* ,1 - '
5.9*+8 '51*6 , 8' V' *.6+ ." 8' " +8 ' 0, ,"0 .0'9+20 * .61 ' "0/ .*40 ' 60 - 'J. *0 +8'
3+ E4. : '5.6 8' - 1 21 '3+1' - *+8' .4' 5 + - ' ."+6. *4+ - ' . , ,0 " %06' 0/ ,+ .61 '0+ - '
+6'$. - . - ' :0* 06' "" +8' *1 - *0' 5"+ - + - ' 19. : 6' ' 'A1. **0' + 6 1' 06' :0*0 0'
"09.6 ' 3+ ' 090* ' (' 04 1". *+ - ' * : 6. 0*6' 6' ""0' * : 9 1' 09 0' * 6 +41'J0 . .'
.*6+. - ' 5 1 , 0 6+ ' ' 1* ' (0/6 " ' +2 ' + - - .' - .9* ,0*6 .' .' E+" 0" - 1' 4+, ,'
0/ ,056+8' 0 6' 12". 6 8' + 2 8' ,". : 2+8 ' 3+ .8' 0, + . : 6' 06' 5 .0, 5+ 8' 0' *12 " 6.60' ' +6. '
* 0+ - ' * ,040*6 '5 .0 0 0*6 2+8' 2 ' . , ,056 8' .' 09 * .'" 60 8 '3+ 2+8'0<+8' 04 6+ - '+ '
902.6' +*+ - '6. *6+ - '4 0 - ' * + - 5 6'< 06' 1 - 8' :0* .61 8' 504. ,+" 8 ' 3+ .0' E+" 0" '
- +8'6. *61' 71 5 6 '12"04. *41'5. . :0 .6' ' 4. *1' .4 :0 1' +9+ 6. - %.+ *1 + - '40 '
".6+8' 0 6' 'S ." ' (056
& ' ' ' ' ' ' ' .5+4' *18 ' , .561' ' .* 1* '? 1*91 - 0 1 '06' *03+ ,3+ . - '40' 40 '
4 6 1*0' .* 'V' .+4 ' 1" , 6.61'U 1"+ - 2. 1' 1 .6 9*1*+8' 1,0+5.6 8' +2+ 2 8' 61 '
- 0*6.' / / ' .4 - 1:06' ' 3+1 + - ' 4 5"1 5*0' *90*6 ' + * .' 04 6.'4+12+8' 5, 8 ' *60 '
6+ 0 - ' ' 1 .0' 4 4. - '06' 6+ 0 - ' 0""19. 4. - ' :' 4' A+* ' .4' 1 .0' 6+ 0 - ' ,+ - '
5. 60' ,15 . - - ' 6' - 506+8 '.'40 0* 1 2+8' - .9* .' : ' 05+" +8 ' ,+ - '4. - *1' 09 1 + - '
6+ *' 04 *609 .6.' :0 20 .6 1 '06' + * .' - .9 8' ,1 - 5". *.6. 0,0*60 8' *' 0. *' 0* 6'<+206'
.6 9*1*+8 ' 2 ' 12 6 *.6 8' .* - 8' +6 *3+0' 4 +' 5+9* .6+ - ' 0506 61'60 ' ,0 6. - *0' '
04' 3+. 61'6. *40 - '06' +"6 - 1' - 506+ ' ,+ - ' 1"+ - 2. +8' . ". - '60*0*8' *'5 - 8' 1 '
4 * 2+8' ., 60 '4 +' ,0 6. "06' . , ,0561' *' 1, +"1' ,"15506 ' 3+ ' .4' ,0 02 + - '+ 3+0' 50*0 '
6 . : 6' 4+ '0*04+8' 0 6' G+1' , . +' ,1* 60 * .6 '5 .0 4 . '3+ '7.40*+8' 4+, 8' + ' 0/ '
0 - 5"1' ,1* - .6 ' 97. : 60 ' 5+9* . :0 .*6' ,+ - ' *' 01' 0"%0*6' 09 ' +6' 0' 0, 50 0*6 '
. - 8' ,+ - '4+ ,0' .* - 8' + * . - ' 40 0 + *6' 7+0' ""+,' 4 ".5 ' %+ *' * - 50*608' 09 '
: . ,++ - ' 40 0* 1 2+8' "1,+ - ' 1, ,+5 . *6' , ,' 0 0' 3+ ' 12: ' .4 ' +*6' 1, , ' ' ,060 '
, .56 ' 3+ 4. - ' 06' 0/' *1 6 8' 40" 40 .6 ' 5"+ 08' .+, .6 ' 3+ 2+8' ,+ .*4 8' ,+ - ' ." 3+16'
4 08' * + - 5 "06' .6 9*1*+8 'A1. **0 - ' .": - 1*6 - 'G+ 6 + - 3+ ' . 0*6. *+ - '
155 4+ - ' 6+' 06' . 60' * - + - ' ,+ - ' , , , ,' 5 .0 4 . 8' 60*02.6' 40' 404 6 1*0' 6 40 - '
1" , 6. '<+206' 8' :061 ' 3+ . - : 8' .* - ' *90*8' 04' 5 +40*6 .' *1*' - *1 ' ,+ - ' *+"?'
". - ' .+/ " ' 50 - ' : 40 06' 06' 0" 3+ .8' $ 160 6. *6 + - ' 01' "1,2' ,1*6 .4 .8' .4' - .* 0 6. - '
50 * , 0 - '12< ,0 0' *1""06 '71*0 6 8' ,1*4 6 1* 2+8 ' 3+ .8' 09 * .' .6 .8' 7.2+ 6' ,+ - ' . '
6 9*1*1' 6 .* 09 6' 12 "08' . ,' 1 4 *+ - '4+41 08' ,+ - ' 03+ 8' 06' 0* 2+8 ' - " 608' ,+ - '
,"15506 8' 4 - " ' 4.6.' 41 - + - ' ,+ 3+0' +. - ' ,1* ,040*4 ' . ,+"6.60' ' 1 90+8'6. *B
6+ - ' 1*91 - 0 ' " +8' 060*6+8 ' 5. + - 3+0' .2 + 6' +606 . - ' ,+ - ' 5.6 0' - "+8 ' 3+ '
6. - 0*' 150' 3+1 + *4. - ' 0/' *1 6 8' .+ +9 6' 06' ' 1, " . , ' * .'U . - *0608' *' - 1B
, .' ,1* 00* 1' * . : 9 1' 2' +50"". - ' 0' .4' J .*, 0+ - ' .*1: + - ' ,1*6+" 6' *' $ 41 '
* 2+8' "1*90' 08' 50<1 0' "1,1' 0 .*6'A' +2 'A1. **08' .56 6.' '&.4.9* +8 ' *+50 '0'$1"1* .'
0:0 8' 06' .' 09 * .' - . **1' DE+*6."41' 1*1' .4 - * 60 '4.6+8 ' * 7 "' *1*' 0+ - '
5 2' 7 *1' .902.6' +6 '49 - ' 0/' *' E ."" . - ' .4 :0* 06' 1 - * .' + 50*40 0*6+ ' . -
. - 2 6 1".

& ' ' ' ' % ' ?' *167: 8 " +8' '
-N/ /G " > " ' 6 ' / '> A' ' ' 3, ' . ' * ' ' ' '
0 ' 8' ' ' ' ' $' ' '4)/' ' ' ? '. ' ' 0' , \' +'5
' $' L ' ' C# 5)' ' ' " ' '% ' ' / " !#'& ' ' f 0
? ' ' ' '5 $' ' ' ' ' V ! $' % ' ' " . ' ' ? ' ! ' ' ,
. ' , ' '% ' L ' ?

$ 3 &' ' ' (= p_q

. - 2 6 1 . 10*. *8 .2 8 '3+X 0 .'0. *'0 .*6'50 +. .'20"" ',59 6.6 1*0 - '<. - ' .* - 1' &
4+0 .6' 4 .+60 - ' "" ' .402.*6' *15'6. *'3+14'150 .0'5 06 + - ' *40 * 0 - ',1 - ,+8
- *0 - ' ." 3+14 50 . 0*6 ' 3+. - ' +6 01 + - ' 3+ ' ,+ - ' 090'0 .*6 ' 0+ - 3+0 .4'5.,0 -
71 6. ' *60"" 902.*6 ' 9 .6 . - 06.+41 6.60 - ' 01*6 . 8 ,1*""" 8 0:0 60 0*6 ' 6.3+0
" ,06 *' 50, 0 - ',1* " .' 0'3+ 06 8 . - 5"0 6' - +". 0*6 ' 0 :0 . ' - 1 . - '$ 160 6.*6 + -
,1*.6 2+8 6.*6 50 ' *@ 4 ' 4+ - ' 0/ .4:0* "06 ' 3+. - ' 5.,0 - ' 0 ' - ."02.*6' 0,
+ 6 . + 6 ' 3+. - &.4.9* +8 *01*0916 1.47 2+ 6 ' 4 " 90 6 . ' 3+ 550 ,+ ' ,+ - .
*1: 1 ': 1'5 121 '06 '3+.*3+. *'20"" ' 6 0*+1'4+,0'6. - 0*' .'20""1', : " ' - . / - 0 ." 0
*1 ' 08 0 06 < 3+ ' 2 '50 +.40 ' ., "0 5. " 8 0 6 ' 4 0 1'.90 0 09 *. - ' +6 5./' *1:
09* ' .+ 5 , 8 ,1* 6 6+0 06+ '3+14 ,+ - '5 15 .'.+41 6.60 *1*'51 06 0/504.*4+ .
0 "0 09 8 .4:0*6+ - ' *' 3+0 *' *0 *60 - ' .* - '0/. 50 . 0*6+ ' 1 - * .'50 ' *4+, .8
+ 50*4 ' 4020 0*6' . *' .+ - ' 09 * .0 :1"+*6.60 - ' 0/ +1' *90* 1' .0 6 - .2.6 :
156 - +8 ' ,6 5.6 .0 ."+6 8 6+4 1 " - +8 ' 3+ ' 3+14 06 09 .0 .+41 6.6 '06 5+2" , .0
+6 " 6.6 '0/504 60 , 06 ' 4 09 *. - '063+ ', , .'0. *'0 .*6 + * ,0'0/5060 0 . 2 6 .2.6+
6.3+0 ,+ - ' 1*+8 ' $7 55+8 (6 1CC +8 ' $7 " 55+8 .5 0C0+8 J 0C0"0 +8 06 f .4.9 '
* +8 *40 *1 - *0 090*6 8 ' *40 .*1: +8 06 J .*, ,+8 2 $1*6 +8 . - 20""+8 .4
,'%70 ,+ - ' ' .' +50"" .'"0*48 ,1*:0* "0*6< : 5 'S." 'G+ *6 " '51 6 0 - ' +"6 1' 46 9 '
3+0 .9 6.6. - '6.*40 - ' *60 '018 5". ,+ 6 ' - 141' 4 090*6 '5". ,0 06 '+6 *4+, .0 *'4+18
- 0* 0 8 5 1/ - 18 5.*90 ,*6+ '3+.0 *0+*60 G+ *6 " ' *, 50 0*6 ' 06 0/0+*60 (0/6 " '
40" *0 0*6 ' 0. 3+0 0/ '50 '616+ - ' (0560 - 2 0 - ' ' 6.': 40 06+ '5 1 19.60 51 06 '3+ '
2+8 *4+, 8 ,1 - 5 020*40 0*6+ ' 2 $ 41*08 ' *91" - 0* 8 .90 ' "*060* 8 5.9+8
+50"" .06 (.*61*08 ' 0. + - 3+0 20*0 41'06 . - '3+.0 :0""0*6 ." .0 09* ' 5 1: *, ."
+ '51 "0*6 ' 06 ' +6 :0/.6 1* 2+8 - " 6+ - ' .4' 6 50*4 .'0/ 90*4.'4 ,+ .*6 + - '60 - 50 '
. 06+ 5.4.' *' *9+"18 - 0* 0 8 / ', 1' .+ 01 + - 3+ 2+(|||$ 160 6.*6 + - '5 .0 4 . '
."0 0*6+ '06 6.' .' - ."0 41' .2 6 *0606+ ' A. - ' .*60 0* ,+8 1 - 1 .*6 +8 D . - '
: "" .'(056 - .* .0 5 .0 08 ' ,+ - '51 6 .6 0 - ' *', . ,0 0 - ',1*<04+ - '06 . - ' 40 0 , . '
[5 0*41' .+6 3+.: 8 .6 1*0'0 - 04 1'61""0*41' .' 09 *.' * 6+ - ' ,1* " + - '50 ' . - ,18 0 '
, : "%06 ' 12 43+,' ' (.* +"5 6 + - ' 06 & "". 09 + - ' - "28 *60 5 06. 06+ '51 63+. - '
8 (. . - ' . 6 *0*9+ - ' ,+ - ' - .*4.6 8 09 8 4'4 0 60 <+20*6 8 :0* 1*0 - ' .4 ""18
:0* "0 ,19*1: 6 ' * 7 " . - 5" <8 ,+*4.*4+ - ' .6+8 ' $ 160 6.*6 + - ' +"6 1'150 . - +. - '
40 0 0*6 + - '20*0:1"0*6 .'6.*3+. - ' 2 '*0,0 ". .+6 ' 6.6+ 6 ' .'? ' (.* 1 - .7 1'06 ".+ '
1* 1': 8 + - - .0 *60 '$ 160 6.*60 8 7 *"1, 8.+42 6.6 8 .4 4 ,+ - ' 1" , 6.*6 2+8 '
06 6. - 0*' - + .6 1*0 - ' .47+,' 0 :.*8 *4+, .8 ,+ - ' 8 5., , ' .4 5 .0 0*8 .6 8 7.2+ 6 '
<:S." 'A+* ' 5 1 - +"9.6.8 < 3+.8 - 1/ 0* .6+8 %1"1 .*+8 . - : "" .0 12 %+ 5 , 1*0 - '
40 ,1* 4 8 ,+ - $ 160 " .*6 2+8 ,1 - - +* , .6 8 * 0 6+8 '+6 *0 - .*4.61' .4.8 4, , 061'
.2 19.: 6 ' 0. 3+0 5 1 - +"9. ' .+6 0 :. '5 17 2+ 6 ' 4 .4+ - ' / " 'S." 'A+" .8 ' 3+G
0140 - '4 0 ,+ - ' . - : "" .'6.*3+. - '5 1: *, .0 5 .0 08 4" *+ - ',1*:0*6+8 ' 5*50 '
' +2 '40902.6 ' .4 : ' 1* ' .0* 8 * 03+0*6 8 *4 / "06 ' 0* .6+8 .+41 6.60 - ' +. - '
60 51 + 6 ' 06 5 .0 04 8 ' ,1 +" 2+8 06 , : 6.6+ - ' .4 - * 6 .65 2+8 ' *0 .4 - .*4.6+ - '
, 6.6 ,1*:0* 0*6 ' (' ' *<+*/ 6 ' 140 - '60 - 51 0 (.* +"5 6 +8 06 & "". ,9 +8 ' ., '
,056 8 - .*4.6 8 .' . 6 *0*91' ."".6 8 ',+ - ' . - : "". - ' *'5160 6.60 7.20 0 *1*'55 0*6 '
3+14 5 1/ - + - '0 .6 ' 40 5 +8 .+41 6.60 50 '5 1: *, . - ' .2 59.*4.',59 6. 0 ,5050 '
+ * 6 ' 3+14 "" 8 50 ., "0 + 6 ' * 0 61' 0* .6+'06 .** 60*6 2+8 E+" 0" - 1' ' 5+ .',1 - 60
. - : "" .0 "09.61dA.,121' * 1)1')6 ,0* '4+,0 'E05 9 1'V - 0* .,1',. 4 *.)
J .*, ,1

'> Q ' ' ' '> . ' '4 $ '
> ' ' 0$ ' $ ' 'N .' ' + ' ? ' . & 6 6 '5
' '+ + . ' M '. '+. 6 r '+ 'N
0 ' ?X& #' g '.. . '>
'% '+ # ' "] '> 6 /> (6 A ' " A
'5 6 $ ' $ ' ? f ' L
% '? I '- *.: '6 06 . ,70: 3+04||| / ' 3+ 6 1*D*66W0 0 +*.7,70o : " DPQ ' & 'E ."2
1+' "0+6'51+ ' +,,0"%0+ "0,. 4 *." .+ 0*6(6 1C. ' ' 7d % 5 p'Nd p (1 - . 5 - 5: +6"||| .*' 'qn

& ʾJ .*4 ,1ʾ ." ".ʾ(+ .0ʾ,1 - 60ʾ .+9 1*1ʾ . -+*41ʾ.ʾ$.5 .ʾJ+ ,1:."" 1ʾ + 4
ʾ06ʾ *61* 1ʾ 0: 1ʾG+0"+ 1ʾ.+6ʾ * - , 8ʾ.+6ʾ9 .6 . -ʾ 09 *.0ʾ *40ʾ,.56.* 2+8ʾ 0,ʾ
"1*907 *,ʾ *ʾ 0" *.6+ʾ20""+ -ʾ.,0 -0ʾ90 02.6+ ʾJ .*, , ʾ 1 21* ʾ :0 *1 - -ʾ
0"57 *ʾ4+4+ ʾ,+<+8ʾ0/ʾ5 -.ʾ., 0ʾ50ʾ"./.ʾ71 5 6 .ʾ0,+ +8ʾ0/,+ 0*60ʾ ʾ 1*2 +ʾ
*+8ʾ,,,,ʾ40"0 618ʾ.4ʾ *60 *0, 1*0 -ʾ.4ʾ ʾ 1 .*+ *ʾ51*60 -ʾ5.+"1ʾ.*60ʾ,0, 40 .6ʾ&0ʾ
+ -ʾ 8ʾ,. +8ʾ,".40ʾ$ 160 6.*6 + -ʾ.4ʾ2 . -ʾ&1,1*6 1 + - ʾ3+. -ʾDE".*4.9 +8ʾ60*0ʾ
2.6ʾ 6.6 -ʾ50* .6+8 0 6ʾ . - ʾ,+ -ʾ 1*2 +* +8ʾ,1* " + -ʾ40ʾ *60 , 5 0*41ʾ155 41ʾ
,05 " 06ʾ,1* , 1ʾE".*4.9 ʾ " 1 ʾ3+ ʾ6+*,ʾ0<+8ʾ5. 608ʾ 03+02.6+ ʾ 8ʾ 0 -ʾ5.6 ʾ,+ʾ 0ʾ
,1*, " . ʾ01ʾ ., *1 0ʾ,+5 02.6ʾ .50 6ʾ 4 - 16 8ʾ *1 6+ʾ ,." 8ʾ 71 6 8ʾ -+"6 8ʾ0/ʾ +8ʾ
. - "8ʾ.,ʾ .+, .6 8ʾ405+" +8ʾ0 6ʾ ʾ06ʾ ʾ 1 1"+ -ʾ,1*,0 " 6ʾ (6.6 -ʾ06ʾ 0"57 **8ʾ+6ʾ 0ʾ
,0*60 -ʾ.47+,ʾ *<+ . -ʾ+", ,0 06+ ʾ9ʾ "0 + -ʾ0/ 9++ -ʾ155 4+ -ʾ12 4 1*0ʾ, *9 6ʾ
06ʾ.4 - 16 8ʾ61 - 0*6 8ʾ5+" .6ʾ6+ *ʾ - 506+8ʾ.ʾ 09 8ʾ 6ʾ3+0 -ʾ5 .0 4 . ʾ + - -.ʾ: ʾ
6+60ʾ ,5+"0 +*6ʾ 04ʾ 04 *609 .61ʾ - 506+ʾ,+ -ʾ 0ʾ - 5. 08ʾ: 40 0*6ʾ *ʾ. ,0 -ʾ,1* +ʾ
9 +*6ʾ3+.ʾ. 6+ʾ *60 ,056.ʾ06ʾ *,0*4 1ʾ 1 60ʾ0/, 6.61ʾ5. 8ʾ40 0* 1 + -ʾ 0ʾ +50ʾ5 .0ʾ
, 5 6.6 ʾ5. 8 . - - 8,1* + - 56ʾ +*6ʾ *40ʾ .4?? 6+ -ʾ4+, 6ʾ 0" *+8ʾ " 1 - .0ʾ -ʾ
51 6+ -ʾ155 4+ - ʾ4 5"1 3+0ʾ61 - 0*6 8ʾ - + + - .50 6ʾ 04ʾ*1 6 8ʾ +50 :0*6+ʾ,+ -ʾ
155+92.6 1ʾ *ʾ, . 6 *+ -ʾ4 ".6.ʾ0 "06ʾ *60 0.ʾ5 .0 4 . ʾ.4ʾ + 6 *0*4+ -ʾ - 506+ -ʾ - ?
5. 08ʾ*1 6 8ʾ20*0 , 1ʾ+ ʾ50ʾ.: .ʾ9*. ʾ"1,1 + -ʾ4 ".2+*6+ ʾ*0 - *0ʾ 0 0ʾ0ʾ + 8ʾ. - 62ʾ
ʾ +,,0 "+8ʾ,+ -ʾ 09 8ʾ.* - 18ʾ 0, "0*6ʾ40ʾ ʾ 20 1*0ʾ&."0*6 *.0ʾ4 10,0 8ʾ155 41ʾ
12 40*41ʾ06 . -ʾ,.56+ -ʾ,1* " + -ʾ + 6ʾʾ3+1ʾ 0" *+8ʾ /ʾS."ʾG+ *6 "ʾ4+/ 6ʾ 06ʾ51 6ʾ
: 1"0*6. -ʾ5+" .6 1*0 -ʾ 41*0.ʾ + *.ʾ04 6.ʾ - 506+ -ʾ - .9*.: ʾ 0, 6ʾ - .<1 0ʾ.ʾ40 0*ʾ
1 2+8ʾ 05+" + - ʾ(04ʾ,+ -ʾ 1*2 +* 1 3+ ʾ 1 1"+ -ʾ60*02.6 *40ʾ, 02 1ʾ *ʾ ,. 6 .ʾ
.ʾ60 91ʾ0/,+ 0*60ʾ 09 ʾ * 0 6. 0*6+ ʾ06ʾ *40ʾ.ʾ 1*60ʾ5 1 50 8ʾ12 0" 1 + -ʾ0 +56 1 ?
* 2+8ʾ 9*1ʾ+*1ʾ 1 60ʾ,.561ʾ06ʾ61 - 0*61ʾ,".: 8ʾ,1* /1ʾ5060 06+ ʾ 0" *+8ʾ+*4 3+ ʾ
:0"+6ʾ 5 0ʾ12 0 +8ʾ5+":0 0ʾ40 , 0*60ʾ12 4 1*0 -ʾ 1":0 0ʾ,1. 6+8ʾ0 6ʾ 06ʾ *ʾ5 1/ - .ʾ
5 .0 4 .ʾ 0 "+ -ʾ - " 60 -ʾ .4ʾ60 - 5+8ʾ4 - 660 0ʾ :0 .ʾ5. 60ʾ *ʾ & :. 0* ʾ.0 1ʾ
ʾ(.*671 - . +8ʾ .* ʾ .+ 0*6 ʾ5 .0 0 6+8ʾVʾ&0 %." + - ʾ3+14ʾ.ʾ$ 160 6.*6 2+8ʾ60*02. ʾL
+ ʾ *60 ʾU$:.6+ -ʾ06ʾ "20*.,+ -ʾ *60 ,05 6ʾ - 1/ʾ5 .0 4 . ʾ0".5 ʾ4.,0ʾ]ʾ +5 jʾ
9+41ʾ"1,+*.ʾ. - "+ -ʾ*+"".ʾ *60 51 6. - 1 . 0506+*6ʾ06ʾ*1 6 18ʾ5 .04 .0ʾ *60*618ʾ.,ʾ
40ʾ71 60ʾ 0,+ 18ʾ155 - +*6ʾ.+/ ". 0 3+0ʾ ʾ .:."" 1ʾ$06 1,1 1ʾ4+ 61 0ʾ01ʾ.,,+ ʾ
0*60 8ʾ,.04+*6ʾ 440 -ʾ60 - 5 0ʾ $06 19+ 4 +8ʾI 7.".* 1*+ -ʾ06ʾ(.* 1 - .* +8 *ʾ
1 .,+ -ʾ1,,+5.*6ʾ06ʾ:." 41ʾ5 .0 4 1ʾ 09 8ʾ40<0 6 8ʾ - .*6< 06 *40ʾ6 0 - .+ + -ʾ
,1*,04+*6ʾ ʾ d
& ʾ + ʾ7.0,ʾ.90 0*6+ ʾ 1*91 - 0 +8ʾ0/0+*60ʾ . 1 +606 . -ʾ4+ 6+8ʾ ,+ -ʾ
6.+ . -ʾ *ʾ: *,+" 8ʾ4 / 06ʾ 0*.6+8ʾ40, 061ʾ6.*3+. -ʾ50 4+0"" 8ʾ.4ʾ - 1 60 -ʾ4. - *.6+ ʾ
*603+. -ʾ.4ʾ +55" , + -ʾ4+,0 06+ ʾ3+.0 6 1*ʾ: 1"0*6.0ʾ +2<0 6+8ʾ+6ʾ,1*<+ .6 1* 8ʾ
3+.0ʾ1260*402.6+ ʾ.ʾ 1" * 1ʾ51 6ʾ:+"*+8ʾ.,,056+ -ʾ5.+"1ʾ.*60ʾ * 1 60 -ʾ,1*6 .ʾ 0B
90 -ʾ * 6.0ʾ06ʾ51 60.ʾ.2ʾ "0* 1* 1ʾ06ʾ .:. 1ʾ 050 6 6.0ʾ,1* , 18ʾ406090 06ʾ61 - 0* ʾ
61 + -ʾ, +, .6+8ʾ + - - .ʾ5.6 0*6 .ʾ6+" 6ʾ* 7 "3+0ʾ3+14ʾ *4 9*+ -ʾ 0ʾ0 06ʾ,1* 0"%+8ʾ0 6ʾ
,+ - 36 0ʾ5".+ 6 1ʾ50ʾ+ 20 -ʾ, ,+ - +*40*60ʾ 0ʾ6+ 2. :070 06+ ʾ.4ʾ, ,+ - 6.*60 8ʾ - ʾ
50 60 61ʾ:+"6+ʾ 40*6 40 -ʾ 0 5 , 0*8ʾ06ʾ+6ʾ5 1ʾ 0ʾ.4 0+ *ʾ5 0,08ʾ +*40 0*6ʾ +2 *40ʾ
19.*8ʾ5. ʾ,1* 6.*6 .ʾ - 1 60 -ʾ 50 6+" 6ʾ.*60ʾ+ 2.*.8ʾ.040 8ʾ *ʾ5+2" ,.ʾ5".60.ʾ 0,+ ʾ
50 ,+ +8ʾ: ʾS." G+ *6 "0 8ʾ6.*6+ - ʾ,+ -ʾ0ʾ,+ 614 .ʾ.*60ʾ<+4 ,08ʾ *60 19.*4+8I 60 0ʾ
6+ ʾ .+9+ 6+ -ʾ " + -ʾ,1* 0 " + -ʾ:0 6+8 ʾ *90*+0ʾ,1* 0 "+8ʾ4 , 6+ ʾ 0ʾ3+ ʾ616ʾ71 6 + -
I ʾ Lʾ *+ - 0 1 .8
ʾ & ʾ % ʾVʾ 09.ʾ,. 6 . ʾ ʾ5 .060ʾ4.6. .ʾ.ʾ .6 9*1*0ʾ 406*ʾ +606 . -ʾ ʾ& ʾ6 ʾʾʾ
ʾ ʾ&B $ʾ. .$ʾ $ʾ ʾ ʾ
% ʾ ʾ ʾ 9 6 ʾ ʾ ʾ ʾ & ʾ ʾ" 0($ʾ ʾ
ʾ, $ʾ ʾ5 5ʾ #ʾ ʾ . 0ʾ +ʾ".ʾ : 0 0ʾ 1 - 0ʾ 9/5 6 ʾ 6 $
ʾ ʾ ʾ 07.60.+ʾ .ʾ 6 *0ʾ "0+ 0?^ʾ 40 -ʾ .ʾ +0 6ʾ40ʾ& : 0 8@ 6 ʾ ʾ+ʾ5 ʾ
E & Aʾ ? 4 6 $ʾ $ʾ ʾU ʾ $ʾ ʾ% .ʾ ʾ ʾ" ʾ ʾ3+ʾ 0 6ʾ +*ʾ ,7.60.+ʾ .ʾ, *3
"0+08 4) 0ʾ4.*8".ʾ5. 1 0ʾ40 (ʾ$ - 6 40ʾ : 0 0ʾ ʾ ʾ. ʾ5 6 ʾ ʾ4 ʾ U ʾ ʾ
ʾ ʾ4 ʾ ʾ ʾ 0ʾ ʾ/ ! $ʾ ʾ

*) 0 1 .8 . , 08 *6 05 4+8 504. "06' .4 *0 - + - ': 1 - - ' ,1* 50 + - '06 .* - 1' &
06 ,1 51 0'6161' ,1" 1 + "0' 0 0/ 6+8 / 6 E.2 0" 8 ,1 - 6 8 1*91 - 0 ' * +"6 8 ,+8
0/504 6 1* 2+8 + - . . ' ,0"0 R.60 ,1* 04 8 ,". ' 3+ ' .*60 / : ' .**18 0* ,+ - '""' *
"+4 , 1' ,0 6. - *0 - 5 +40*8 "067."' :+"*0 0'".0 0 .6'12 4 , .". - 6.6 8 5+2" , .0 *:
4 .'516 +8 3+. - '5 15 1' , - *0 1*0 .6 ' . - '3+14 "" '50 4+0"" 1* 8 . 6+ - ' 0 6
.+6 +50 1 2+8 04 4 8 .+6 4.6.' *+50 ' 40 0 - "+ - ' +0 .6 ' 04 71,' - 5160*60 0
90*6 8 40 40 1' ,1*41* .6+ - '3+.0 71 - *0 - ' 09 .' - 1 60 5 . ,+". 0 - '3+.: 8 .6 1*8
510* .0 404 ' 51 6+". 2 .6 ' 56 71,' * 9* ' 0/0 - 5"1' 1* *08 4 0. *6 ' 1"1' , . + ' *1*'6 .*?
6+ *' ,1* " 1 ' *1 ,0*60 8 0 , '3+ ,+*3+0 :0" - 5 +40* 08 50 * , 0 - '5 *, 5 2+8 .6
6+"0 *6

& 'A' ' 'G<< '4 08 3+.4 .90 - ." 8 "+4 8 5 .060 0 .6'3+1' ,1 51 0 09 8 40 +*4 '
*' . , . - '5"+ - 20. - ' 0 ,1*4 62'0<+8 0 9 08 6+' 0 ,0561' *' , . 6 1#& ,0*. + - ' .4'5+2B
" ,+ - ' 504 . ,+"+ - '0/51 6.' +0 .6'3+.0 40 *40 ,+ +' - 51 6.' 09."'51 - 5.' . ,' ,1 '
- 6.6+.4 .*+ - '2 *61* '5 - 1.2' + 20'".5 40 6 6+ ' +2 ' ., 8 40 - 1 0 ,0"02 . '
6 8 51 6 4 0 - .<1 '51 - 5. ' 0* .6+ 5 1' *'619 8 5+ 5+ 0 8 5 15 +8 0 9 0 - ' *,040*60?
*' + 20 - ' - 58 :' 4 'G+ *6 "' *6 14+, 6+ ' 06 51 6 ., + - ' .4 . .0'50 .4+ - '
*1"4+8 '(2 2 *+8 (.*6. 4 +8 '3+ ' 06 : 6. - ' 09 8 156 - 0 40 0 - 0 6'5, ,+) . '" '
2 1' 40 0 5 6' - 1 6++ - '".+4 .: 6' 0.40 - 3+0 51 - 5.' .*+ - '0 1*;") '3+14 0 6 .+ '
9+ 6 " - + - ' 09+ - 'E ."" .0 - .+ 1"0+ - '0 40 - '4 0 404+4+ - ' +*+8 ' . ,'51 6 4 0 51 6
7.2 6. - ' ."60 . - ' .'(1 2 *1'1 .6 1*0 - ' ,1 5+8 7+ - 1' - .*4 .6+ - ' ., .'50 .90*60 , . ?
4 *."' 167. *91'15+"0*6 - ' ,10*12 ' "" +8 5 .0 +"0

' % ' ' ' .' 1*4 .01' .4 1, 18 50 ' '(056 - .* . - ' 5. 18 :0*0 0" 60 .0 4+?
, . .0 0 40"20 9 .S." 'A+"' 0 56.0'3+ 2+8 '".+4.6.'01 + - ' ,1* 6.*6 .<50,+* . - ' .4
40"04+8 7.20*418 5 1 - . - '50602.6' .4 .' 50 40 .+/ ". 2+8 ,15 8 5 1504 0 - 0
E0 - .* .' +1'4+4+' .4&0*6+ 8' 0, - +"61'51 6 0 56+ - '04 6 :' 4 '0<+ 40 - ' - 0* '
8 '3+1' 40 04 .' .* - ' +' 0*60*6 .' ,1 . - ' 03 ' .*9," 8 . ,'+* :0 '1 2 8 5 *, 5 2+8
5 160 6.2.6+ '06 ,1*) ' +' .6 1*08 0/5" , .2 .6 '0/ .990 .6 3+0 "0* 1* '06 .: . '
3+ 06 6+40*6 + - ' *<+ 8 '0. * 2 ' . ,' ,060 8 06 . - ' .' +.' 0" 9 1*0 ." 0* 8 '3+ ' 0 ,+ - '
,1*) .' ,1*<+*90 0*6 ' - 0*60 - '0 "0 4 , 6 ' +6 0 ,+ 6.6'5+2" , .0 . ,'5 : .6 .0 ,1* +"0 '
0*6'06 0 : 1"0*61 + - '71 - *+ - '3+' 09 + - '< 1 - 0*'5 : .6 8 . 04 2+8 5 .060/0*608
: 1".6 8 04 4 8 5 . ,0 - '5+2" , . - ' ,1*6+ 2 .*6 ' ,1* .6 2+8 1551*0 0*6 ' b ' - +"61'51 6
8 6 ."4 ' *' +60* 8 0 , ,"0 . + - '(056 - .* .0 ' 3+66.* .0 ., 0" *.6+8 40"09.6 ' ,1* '
&0*0 +*6 ' +6 *' ,1 - - +*0 ,1* +"0 0*6 '06 40 ,1*4 6 1* 2+8 '3+ 2+8 ,+ - ' . - : "" .'
104+8 <+*90 06+ ' .90 0*6 ' 2 '50 0 56.' , .5 6.' / : S ."'(0/6 "'06 <. 4 . . * 1* 8
*60 ' .671" ,18 3+ ' '$2" 6 , '4 4 ' +*6 '06 $ 160 6.*60 8 *0+*4 .0 +*4. - 0*6N ' *60 '
, .5 6.' 71,' 5 .0 , 5+ - ' 0 .6' +6 1*4 .0+8 ' 3+ '4+/' 20"" '40" 902.6+ ' ,1 . - '01 +* .'
6 0"09.6 8 '$.".6 *1' 0560 - : 1' 06 A1.**0 . - 1' 0<+8 " 1'5 . 0*6 2+8 '<+ . 060 '
*0 06+ ' 0 *'$ 160 6.*6 + - '5+2" , .'40 0" 9 1*0 5 1 0 " 1*0 50 0 :0 .6+ - - ' 09* '
0 '5 15.9.6 1*0 - '1 - * '150 5 1 - 16+ + - '1 - * + - '1 4 *+ - ' * "1 0*6 - 1'3+1* '
4.61 09*1' 50 '4 01 4 .8 , : "0 8 ,1* + 1 +* '6. *' *'5 : . .'<+ 4 4 1*0 3+. - '5+2B
" ,N .4 - * ^.6 1*0 ' * 6.+ .6 1*0 - ' . ,'4 0 5" * . - ' *+""1' +6 + 3+0 0" 9 1* 8 4 0 '
- *05 1,+ .6+ + - '150 . - ' * +50 '4.6+ + - '+6 .*60 1 - * .'6. *' "0* 1* +8 . , . '
: . +8 3+ .6*' 1 - 1 .*6 +8 . ,' 1 .0+8 03+ 6+ - '6 2+*'" 20 6.6'5 6 * .0 0 6 6+0 0* '
6+ ' '06 ' '3+ 40 - ' ,1*<+ .6 1* 8 *+50 ' .4 :0 +8 090 - ' * 6.0 ,1* 0 ' + "0 . 9+0 0* '
6+ ' .' 1*4 .01' ,1 . - ' *1*' + 5048 <+4 , 2+8 60 0*6+ ' 6+ *' 5 0 09* ' .4 - '
* 6 .6 1*0 - ' +6 5 1/ - +8 09 ' .9* .6+8 ' + 0 50 06< 3+.*6 09 ' ,+ - '5 - + - ' *'E ."'
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& '60*0 06+ ' 5 1,+ .6+ + - ' 60 - '+6' 5 - 0'3+13+0'60 - 51 0' 09* '" 20 .' ,1 - 6 .' ,1* '
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, : "0 - ' .4 - * 6 .6 1*0 - '06' - " 6. 0 - '4 , 5" * . - '50 6 *0*608' .0,'3+. - ', 6 " - ,"
516+ 6'.4' 1*4.0+ - '3+ '6+*,'? 90*6 * .0'0 .6'6 .* - "%.' +*6'3+'51 6,.'.4' 090 - ''
404 6'" 60 .8'3+ 2+8'5 160 6.6 1* 8' +.0'0/0 - 5"+ - ' .4' 5 + - ' - 6602.6' 19.2.63+0'+6'
3+14' 0, "06' *'21*. - '5. 60 - ' .,, 50 06' *. - '0/50 0*6 .'41 - 50 6+ + - '0+ - '*+""18'
0'06' 3+' *'0.40 - ' 0,+ - ',1*4 6 1*0' +*6' 09 '*1 - * 8'.,'3+ 06 8'5+2" ,.0' 6+4 1 '
1 08' 0 "0' LG+14' + +8'."60 ',1*:0*6+' " ."4 '(0/6 "' - 0* 0' 7.2 61' 1,,. 1*0 - '
5 .02+ 6' 1'.' +50"".* 8' ' .4 ".+8& , *+8'$150" *0 +8',+ '7 61 . - '7. + - ' 0B
6+ *'7.40*+8' 4020 - +8'06' ' J.20 '% ""0 1" +8' - ""''.,,056.'.' 1*1'5+2" ,.',.+ '
6 1*0'3+.0' "" 8' *1*' - 04 1, 0 - ' .5+4' +18' *: 4 . - ', 0.: 6' 4'.+60 - ' .2' "" 8' .4+ - '
,+ - '*0' 0' *',1 - - +*',.+ .'.',060 8' 09* '5 1: *, 8' 05. . 0': 40 0*6+ '6+ *'+6' '
51 0*6' 018' .4' 5.48',1*4 6 1*'08' . - 5"040*4.8'71 6. 0*6+ ' *'0. *' 0 - '$150" *0B
+8' 1 .6 1*0 - ' .5+4' 018' 7.2+ 6' '06' +6'R9.618' 40'5.,0' .4' 090*60 - ' - 660 0*6'51 6+ '
".: 6' ,060 + - ',1*:0*6+8' 4 :0 .' 0*60*6 .' + 6'< 3+ ' :0 6 '") 09.618' - 660 0*6' *0'
02+8'<. - ' .4'20""+ - '5. .6 8' 01* " .' 5' 1 + - '06'.* - '0.' - 1 .' 0 90 00 0*6'".+4.6 8'
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,+ - . - : "".'06' 1, 8'.'$ 160 6.*6 + - ' 0" 9 1*0'." 0* 8' 04' *'5.,0' 09* '5 1,+ .*4.'
,1*<+* 6 8' ,1*4 6 1*08' *1: 8' .44 6 8' *' 0140 - ',1*:0*6+'06' 5+2" ,.6+ - ';' 4 '
(0/6 "' 0 56+ - ' 5 160 6.6 1* 8' * 6. '< 3+1 ' *: 4 . - ' 020"" 1* 8'.,' 04 6 1* 8'.' ,'
. - 1" ',+5 0*608' *'71,' + - 56.'. - .'4 ,+*6' +6',1* 0 0*6 . + - '" 20 6.6 ' : 6.0' .,'
1 6+*. + - ' 0,+ 6.6'5 1 5 ,0 0*6' 5 - 0'3+13+0'60 - 51 0'4051*0*4.',+ - '0/',1 '
- 6 5 + - '"09 6 - 0'.+41 6.60? 09 .'.+6'."60 '+8'.4' 45160 6.60 - ' 7.20*6 8' 50 ' 09 8'
.67 0*6 . - '<+ " ',1 :1,.61 + - ' 0*60*6 '5./'5+2" ,0' .*, 06+ ''3+ 06 8'5.6+ 2.61 08'
,. 6 9.2+*6+ '3+.0' 5 .:0' *60 '5 :.608' *'<+ 0'4 ,+*41'.,' 0" 3+.', : "' .4 - * 6 . '
6 1*0' *:."+0 +*6<<+/6.' 09* '"0908'06'.*6 3+.8'.,' 0,0*608'5 5, 5+ - '*1 6 1 + - ',1* '
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' %8 '4+ - ' +*6' 08' *' '$ 1* 2+8'06'"1, 8; , *"8' +2 61' 6+ 2.:0 0' : 1".6 8'
*4+, 8'3+.0' *'4+18' - 0* 0 8'5.4.0' :</'616+ - ' - 0* 0 - ' 0 :.6.0' +*6' . - ' * '
0+*60'A+" 1' D + * .*'5 .0 4 . '$ 65* ,18'40"0 "+8'4+ - ' .4' 69*.', 6.6',1*:0* 0 '
2.*6'4 6+ 2. +*6'<06' 0140 5'60 - 51 0'3) ' J1*60*. + - ,1 - 6 8'60*02.*6' *'8 . - '
*060 8' + 3+0' 0/,+ "61*0' .4.' ' 0 0' ,"15506. 18'40"0418' *'3+0 8'5"0 3+0' 0' *12 '
6.60' - 1 ,.*.' 0 .*6' 40"0:0 +*6',.56 8' 4+12+8' 9* 8' *' $06 1,1 8' ' 1* '
0 .*4+8' .*91 .*+8'3+' '&0 +*. - '5 1: *, .0',.5+6' 60*02.6'4+.8' 504 6+ - ',1 '
21 608'3+.8' ' 1*6."6)8' 4+,02.6' .4' *60 *0, 1*0 - ',1*, 4 6' 9 6+ ' 090*8'3+.0'
20""+ - '.* - 1' - 04 6.2.6+ '3+. - : 8'5.48' 50 - '50 '" 60 .8'5."" - ' .4'5 .0 0418' 4.6.8'
.,0 06' ,+ - '5 1,0"". - ' - .<1 0* '15 * 1*0' *'4?08'56.0 .9 06' ." 3+.*4 ' - 506+ - '
+ 6 *+0 .6'4+ - ': 0 8',1"" 90 06'3+ 2+8',1.4 8' 4+ - ' .4:0 . - ' .4 1*0 - '5 .0, 5 '
6.6.': '155 - 0 0',+5 6' *'20""+ - ' *0/6 ,.2 "0' 0' *4+ 6' 9 6+ '0/0 , 6+8 ['(." - + '
.0'"1,1' 5 1560 'V' 90 8' 06' ." 1 + - ' . - * + - '6 .* 6+ - ' 41*01',1*:0* 0'<+ "+8 '
4+,0' +41: ,1' 1 21* 1' 1*50* 0 1' .4'3+0 *' 0'<+*/0 +*6' J .*, 0+8']' 09 +8'
7.: 9* +8'A1.**08' 01 - 1*6 +8'$ 9."". +8'A.,' ". 1 - 1*6 +8' + +8' - 21 . '
+8'J ., 0+8'$"0 " +8' ,70" +8'06'." ' - .9*1' *+ - 0 1'"+ 6 .613+0' 0/0 , 6+'*+ '
- 0 .6.' +*6' 20"".61 + - '/', 1' 06'/ : ' - .,7 *.0' L + - '7 8' ,15 8' 1*50* 0 +8'
S. '(0/6 "' ' 1* 6 1" + - 0"". '5 - 8',. 6 8' 06'."60 8' ' :."" + - ' ;0* 6' ,,'
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.6+ˢ,.5 +*6ˢ *ˢ013+0ˢ,1""04+-ˢ,15 1 +-ˢ,1-*.0.6+-ˢ5 150 0ˢ + * .*+-ˢ -51 ˢ' # ˢ ?
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0 .6ˢ ./0<6 ˢ .*+-ˢ 6+ˢ06ˢ. 60ˢ402 0ˢ155 4+-ˢ40 0 6ˢ,+ˢ5 .0 4 1ˢ -51"61
1*50* 0 +8ˢ + * .*+-ˢ:06 +8ˢ60ˢ "04 6ˢ,+-3+0ˢ2&1" ˢ0"06ˢ,+- 4+, 2+8ˢ3+1ˢ
4+,0*4+-ˢ,0* 0 0*6 40" 20 .6ˢ06 5".,+6ˢ1- 1ˢ*ˢ5 .0 0*8ˢ + * .*1ˢ,+<+8ˢ12 ˢ
4 1* 8ˢ0:0*6+8ˢ06ˢ50 ,+"1 +8ˢ06ˢ *,0 6+8ˢ0"%06ˢ+6ˢJ1*60*. +-ˢ4+,0 06<+ ˢ155 4+-ˢ
+50"".0ˢ,+ˢ *,1- -14. 0ˢ*ˢ.* -1ˢ7.202.6ˢ5 15 *3+ +8ˢ*1*4+-ˢ-+* 6 1* 2+8ˢ
-.6+-ˢ06ˢ7;0-0ˢ5 1560ˢ5."+408ˢ *.,,0" -ˢ'3+14ˢ"1*9 1 0ˢ -1 ˢ,1*,0".ˢ6ˢ.2ˢ
71 6 2+8ˢ -. 06+ ˢ *9 +0*6 2+8ˢ50ˢ 7;0-0-ˢ5"+: 8ˢ *0/5+9*.2 "0ˢ 0440 06+
+"6.ˢ *ˢ0. *ˢ 0-ˢ.ˢ, ,+-51 6 8ˢ155 4 8ˢ,1""96.06ˢ *90*8ˢ5 1- ".ˢ50,+* .ˢ06 3+ .ˢ
*1*ˢ 05 .0 0*6.2.6+ ˢ 40<+ 1 08ˢ4.6 ˢ3+1 +-ˢ 40-ˢ0,+6+8ˢ2 "-0 ,+8 + 9+*4 1ˢ
15+"0*6+8ˢ 1 6 ˢ-0 ,.61ˢ.* 1*. *ˢ0/0 ,6+ˢ +2- * 6 .*4.-ˢ + ,05 6 #ˢ G+.0ˢ
4+-ˢ.55. .* +ˢ*0ˢ* 7 "ˢ.90 06ˢ *60 0.ˢ 2 50* 0 68ˢ ˢJ1 0 6+-ˢ.4ˢ(0+ .-ˢ(ˢ 0 ˢ
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*.,+5 +8ˢ,+-ˢ0/ 9+1ˢ *+-0 1ˢ60*02.6ˢ< 3+ ˢ3+14ˢ6T -0*6.?.4-1:0 ˢ5. +8ˢ, 06ˢ
,.56.ˢ. ,0ˢ *ˢ + ,.-ˢ,+-ˢ/ ˢ- "6 2+8ˢ.4+8ˢ60-0 6.6 8ˢ +.0510*.8ˢ"+6ˢ +cˢ40 *ˢ
7.: 9* 58ˢ3+ˢ,+-ˢ ˢ03+6 2+8ˢ-04 +-ˢ 0ˢ *60ˢ . .*0* 0-ˢ * +". -ˢ06 +50" ˢ
". -51*0 06ˢ$7 " 55+8ˢ" . 6 12 .*4+8 +5 2. 61* 8ˢ +-ˢA1.** 8D 0""1-.70 ˢ
.:. 4 *ˢ06ˢA1.** 8ˢ 10- ˢ +,.0ˢ"09 1* 2+8ˢD + "0 ˢ ˢ +0 ˢ06ˢ 0"" "1,ˢ,1ˢ
71 6 2+8ˢ *ˢ * +". -ˢ -506+-ˢ .,0 0ˢ<+206+ ˢ3+1ˢ *ˢ,1* 4+ ˢ$."0. +8ˢ1 4 *+-ˢ
4+41ˢ*60 04+8ˢ0 6ˢ $ 160 6.*608ˢ * 6 1ˢ * +". -ˢ40 0*40 0ˢ40, 0: "0ˢ: 40 ˢ:1"0ˢ
2.*6ˢ 04ˢ,+-ˢ6+0*42ˢ"1,1ˢ*.6+ .ˢ* -1ˢ 0ˢ -5. 08ˢ: 40 0*6ˢ0+-ˢ-0" +8ˢ,1* +"6ˢ
40 0 +*6ˢ< 06ˢ50ˢ 0 ."4+-ˢ,.*.R-ˢ 0ˢ 450"". -ˢ 045 +*6ˢ * +".0ˢ 0 :.*4.0ˢ.ˢ
1*50* 0 1ˢ -51""6+8ˢ + 0 +8ˢ,+-ˢ +0 ˢ06ˢ 0"" "1,ˢ,171 6 2+8ˢ(+2ˢ4ˢ *6 1ˢ
4+4+8ˢ +50"". -ˢ$06 +8ˢ ˢ "%1* +8ˢ 1"J4 +8ˢJ1 60*. 0* 8ˢ . 7.2.0ˢ3+ˢ51 60.ˢ
.5+4ˢ*18ˢ +- -.8ˢ4 9* 6.608ˢ60*+6ˢ04ˢ*1*ˢ5"+8ˢ4 9* 6.60ˢ3+. -ˢ +90* 1ˢ06ˢ0 +4 6 1*0ˢ
5 .0 6.*6 8ˢ: ˢ4 5. ˢ .60 ?ˢ71-1ˢ:.*+8ˢ.ˢ60-0 . +(ˢ< 3+ˢ 09 *.0ˢ*1- *0ˢ -+"6 8ˢ
:0 2 8ˢ50 +.40 0ˢ155 4.7 8ˢ,1*.6+8ˢ0 6ˢ+ˢ,1*4 6 1*08ˢ.*60.ˢ.ˢ&.4.9* 1ˢ12".6.8ˢ.,ˢ
, 50 0*6ˢ063+ 06 8ˢ,1* " .ˢ 03+0 0*6+ ˢ*0,ˢ 0" 4 8ˢ 8ˢE."" . *ˢ6+ 2.6. -ˢ3+. -ˢ5.ˢ
,.6. - -.""0*6ˢ *ˢ0. *ˢ 0-ˢ.44 6.0ˢ5 0 ,8ˢ06ˢ6. 3+. -ˢ40ˢ5.6 .ˢ ."+60ˢ 1" , 6ˢ-1ˢ
* 6.ˢ (04ˢ,+-ˢ0.ˢ.5+4ˢ71- *08ˢ + 5 ,.,08ˢ06ˢ<. -ˢ . 5 +8ˢ5. +- *,0 .-ˢ ""1 +-ˢ
3+ˢ,+-ˢ5 8ˢ090 .76ˢ 40 ˢ0/5, 618ˢ5. - -ˢ:."0 0*6ˢ' -.<1 0ˢ 4 , .ˢ.*ˢ -5+40*6 .ˢ
*,0 6+-ˢ 5 +-ˢ .*1: +-ˢ.99 04 6+ .A1.**4V . 1$ 41*+-ˢ5 .061 0ˢ40ˢ3+1ˢ
4 / ˢ3+ 3+0ˢ<. -ˢ." 3+1 ,3+ 6+-ˢ9"12+-ˢ50*08ˢ 0ˢ7.202.6ˢ50 +. +8ˢ3+ ˢ3+14ˢ: 1ˢ
5 121." 3+16 08ˢ +.ˢ:. 6 0ˢ -51 + 06ˢ6. *ˢ ., "0ˢ0+-ˢ,2 + -5ˢ3+. -ˢ40 5ˢ51 0ˢ
0/ 6 -.2.6ˢ &0 +-ˢ-.9* ,.ˢ5 1- %.ˢ *90 0*6ˢ06ˢ -.9*. -ˢ50,+* .0ˢ: -ˢ 090*6 8ˢ
*1- *0ˢ1 0 0*6ˢ .140 60ˢ .*1: +8ˢ 0 51*4 6ˢ* 7 " 2ˢ5 .0, 5++-ˢ., *9+". 0ˢ.ˢ
,1- -+*ˢ,.+ .ˢ0"%0ˢ 0ˢ5 1ˢ,1* , 0*6 . +-ˢ 20 6.60ˢ06ˢ 09 1 +-ˢ04 41 +-ˢ.+41ˢ
6.60ˢ. -.ˢ +-5 "0ˢ 3+.0ˢ3+. -5 -+-ˢ 41*00ˢ 2ˢ.,ˢ1, 8ˢ,.+6+-ˢ +0 6ˢ *0ˢ
,1*4 6 1*0ˢ4051" 6+ +8ˢ 6ˢ51 1ˢ , ,ˢ " +-ˢ4020 0ˢ: ˢ*12 " 8ˢ06ˢ3+ˢ5+41 ˢ.,ˢ40B
,1 0ˢ: 6.-ˢ%0-50ˢ51 67.2+0 6ˢ 40*ˢ*+""1ˢ5 06 ˢ.0 6 -. ˢ51 0ˢ 6.ˢ 1 0 ˢ*1*ˢ
2"+-ˢ 6+8ˢ04ˢ 4ˢ,+ +8ˢ,1*.6+8ˢ0:.*+ 6

ˢ - ˢ60-51 0ˢ . 6 .ˢ .56.ˢ 4ˢ, : 6.6ˢ *ˢ "2 90* ˢ .9 1ˢ*1-0*ˢ0 6ˢ.4ˢ
ˢE+4+-ˢ 6.0ˢ' *ˢ,+<+8ˢ .4:0 .ˢ 5.ˢ0 6ˢ ˢ& "".ˢ.4ˢE+4+-ˢ3+.0ˢ714 0ˢ,+-ˢ, : 6.60
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ˢ-!ˢ G"g" ˢ ˢ ˢ+ˢ, $ˢ ˢ+ˢ A ˢ *ˢ ˢ 0ˢ% ˢ! ˢ ˢ ˢ
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" 3+0 * 1 4A+" 1 .4 090 - 0/,+ 0 .6 - 50 .0<+8 .,,056+ +8 +6 E0 6*.6 1 - - E $ &
03+ 6+ - ." 3+16 .".8 ,1* , 20 06 3+14 06 ""0 04+"1 0, 6 E+ - 0":06 8 090* 0+8
+94+*+ - +2 $7 " 55+8 2 1 +8 . ,16 4+/ 0/ 5.* . 04 0*8 <. - 4+4+ - 0B
90 - 1550 0"N.6+ :0* 6 .63+0 *40 09 :0* 0*6 12: . - 5 1,0 6
. 4+ - 5 15 8., 41 - 0 6 , 8 - ." 8 "0:. - 0*6+ - 3+.0 1 *1*6. - ." 0?
*.0 06 0/60 *.0 3+. - 5+2" ,.0 ,".408 1,,+ +*6 710 .**1 . %+ 48 7 6 .*1 1 2
- 51 6.6.0 4+12+8 0/0 , 6 2+8 - . 6 - 1 *U R. - < 06 60 0 6 * 2 10 . - +
50 1 0 - - " 8 3+ 2+8 02+8 0*. .*4 8 *1* 0,60.6 .* - +8 3+ 0* - * ,1 -
- +* "+ 6+ N ."60 - 0/0 - 5"1 0 1". 5160 6 (0" - +8 3+ 5.*1 + - 090 - *
0"9 1 1,,+5.6+ - *1* 9*1 . 06 ,.*. 5 1/ - .** 0/504 6 1*0 .$7 " 551 .4 .
+"6 . - 14+ - ,+ - 51*60 6.6+8 6+ *U) +C." 8 . " 4+ 8 .471 6.6 1* 2+8 * 6 9.6+8
<3+ *1* 1"+ - +*0 6. - $7 " 55 , "8 .+4., . - +. - 0 .4+ + - 06 - +* 6 1*0 - <+/6.
%+*060 - *,71.6. - - 504 6+ + - 04 06 . - 8 E+"06.*. - . ,0 . 0/5+9*.6+ - -
51"" ,02.6+ " % 51" 8 06 "90 .0 5 1 +"6.* 8 06 I . :0**.0 ., : 471 + - "1,1
+ - 09+" 8 - 50 671 - .* 4 20*0 , . 8 <. - 6+ * 50 " 60 .8 - 50 .:0 .6 +6
3+.*6.8 51 "0*6 ,15 .8 71 - *+ - .,,1 - - 0.6+ - ,1*6 .70 0*6 06 ,". 3+. - *
0+*60 .0 6.6, - ./ - . - E1* 6.*6 *151" 0 - + +8 0 06 ,+ - * ,. - .55+" "0
5 .0 61 0 "0*6 3+14 06 "" - 5 9 0 0,0 , G+1 ,19* 61 (0 20""1*+8 3+ .09 0 .4
- +* 6 1*0 - +50 1 , .**1 * 6 6+6. - ,+ - - 5, 1 0 - .* 0 .6 08 .4 * 3+. *, "
- .*60 8 ,0 *0*8 .* - 1 .*9 ,105 6 3+ 550 3+ 3+.*3+. - 1 - *0 8 4 " 90*6 ., .,
: 9 ".*6 .0 5. 608 * 0. .04 ,.*4. .47 2+ "06 *1*4+ - 6. - 0* "". - .4 6.*6. - ."6
6+4 *0 - 50 4+,0 0 516+0 .6 +6 155+9*.6 1* <+ 6.0 0" 60 0 5. 0 "06 09 1 + - -
* "6 1 + - 9"1 .0? + 6 126 04.*6 + - " :0 *: 4 . 0+ 09* 6 0 3+ * 7 " 0 0
! 3+.0 p0 20""1*1 5 1 - . +0 .*6 5 .0 6.2.*6 .+6 .401 5. ,0 +2 - * "" .7.*6
+6 * .55+" + ,"."" 8 1 - * . - 50 04. 0 0*6 . - *0, - + .4 <+ 6. - ."6 6+4 *0 -
0 04 ." ,+2 40,0 - 504. ." 2 01 7+ - " 1 08< *1* - +* - 0*6.504+86090*6 . +
50 .04 ,.6. 1"%.0 5. 6 - *1* *,71.6.0 5. 6 - *1* * +. - ."6 6+4 *0 - .+6 ".6
6+4 *0 - 405 0"%.3 ., 4 ".6.6.0 6 : .0 604.0 : / *,056.0 "1 6.*6+ - ,1 - 5". .61 .,
1 - . ;0 6 9 4+*6./.6 40 , 56. 4 7.0, 3+.6+1 - +* - 0*6. - .<16. +"6 . 1"".8 0/
0 6.6. ., : . - 604. - ,1*6 *9076 . .*60 - + 18 . ,<8 3+ ,. - 518 40 5 4+*6 *,71.6.
1 ."6 1 . :0*.2+" 7. 6 " 0 .*6 6 3+.*3+. - - 107 . 3+.0 + 20 * .2 . ,0 4 60
- *.*6 40<04 . 0"%0*6 *1* 6. 6. - 0* 5 1 +8 40,+ ". 0 .*6 +6 *1*) 1 + - - +"6 8 *
"1, 8 ."6 6+41 0/6. 06 . , 3+0 - - *0 06 (04 - ./ - 0 1 - * + - (0 20""1*+ - .*
9,2.6 3+14 150 .0 - +"6 5" , 60 5. 6 034.0 0 0*6 * ,060 . "1,. . , - - *0*6 .
3+.0 5"+ . +0 +*6 4 +0*4. *4+.8 - - *0*60 8 6+ 0 8 0/ 6 +0*4.8 * 6.6 1*+ -
0,056.,+"1 41 - 18 - " 6+ - .04 ,.*4.8 ,0"".8 .4 .**1*. - .,,1 - - 0.6+ - 20""
,1 3+0 .55. .6+8 06 * "/+ - 0*6. 0,056.*4.5. .*4.8 * 0. 3+0 5 .8 08 . 6.9*1 *
. ,0 - +2 *40 ,1*:070*4.8 * - 1".8 .2 ,.*4.8 , 60 *.8 40 14 0*4.8 06 .3+. 7
5"0*4.8 3+.0 6.*6. *90 6. 0 6 +6 *1* 1"+ - 6161 12 4 1* 8 60 - 51 0 *1* 40 0,0 6
"04 0560 - , 60 *.0 *6.4.0 +50 +0 *6 4 3+.0 6. - 0* 50 , 0*4. *1* 50,+* .
* - " 6+ - 6 50*4 . .+6 * 150 . + - - 0 0040 * *5* - .60 . *1* 0 . - 0*6. *1*
,".: *1* * 6 + .0*6. .2 ".@ *G*. ,7 604 ., .2 *1* 5.4.0 *0+*60 :0 2 6 B
0 - 08 3+. + - 0 - 9 - +"6 5"0/350 4 ., :. +8 + +8 +6+ +8 .6 +5504 6.6.0
%+*6 0, 0 *. 4 *+8 &0". ,+8 .2 1 + - 5 .0 04+84 - 4 1A+5 1 , 6 +8 .55+" 6 6
,+ 3+.*3+. - +2<04. 1,+" 8 *0,0 6.8 1 - *0 - 0 *1* , 04 6.0 0/,+ .6 1*0 . .4
- 0 06 6. - 0* *03+0 0 5 .0 0*6 8 504.,+"1 .+6 (, 20) 1* 3260 6.6 1* 2+8 - 1
6+8 0 6 3+. 6 6+ 50 2 4+,0 06 6 * 1" , 1 ., - +*0 0 +1 *09" 90*41 ,06, 4 + -
1,1 4 0 ,0 0 : 40 06+ G+. * 0 *1* 1 - * *1 ,+"5. ,. 0 0A1.**08 + 6 +8
0/ 6 - .6+8
'L: 2 ! 2- / # 2 $ 2 , $ I /D 7 . !)
, ' *$ 0$:. - f , !$ 2 !]) I
. $ $ $

VD

& , / 6 - .6+8' 0 6' 3+.*3+. ' 0+ - ' 0/ ,+ 06' 3+14' *'   04 1". *0* 0 - ' 4 6 1*0 - ' .' $7
) ' , +8' """<" 551 +2' 4' 60 - 5+8' ,1* ,040 0' <+ " <8' *60 * .#& 9"0: . * ' +2 6 60 .6' 41*00' . * .' 40'
,". 0' %+ , , . ' , 02 0 00*60' 0.51" - ' 0:1, .6+8' 0 6' (6.' 0 6' %+ *06 8' + 28' 7. *4' 5 1 '
,+" .' :060 0 . 67.9 * , ' ,+<+8' + * .0' 06' .3+ .0' 4+ ,6+8' 5 6 * . - ' .47+ , ' <* .<0 6.60 - ' 5 '
.*608' "14 0' 5. " - ' : +*6+ ' *' U1' 2 , . , ' 1%.0' 6*+ ' 3+ ' *60 ' ' 0 - 0. - ' 06' 51" '
" * 8' 5 1 - 1*61 + - ' - .9*1' . - 2 6+' ,+ : .6+ ' 51"" * 8' 5 1 - 1*61 1' 51 6+8' +20 " '
' J. *.0' 714 0' 4 6+8' "0/+' *60 1 ' 6+66 " - +8' ' .' 3+1' 2. +4' "1*90' 0 6.' .20 6'
.+ 1. + - ' 20"" 8' . - 1 . ' 3+. - ' 1 *0" .' , . 6 .' + %0' 5"0 3+0' , 04+ *6' ' .9 .4.' . [
"02 8' *1 * * 8' "+ - *0' *60 ,040*60') 28' .+60 - ' 5 .' 40' 3+ .' "13+ - + ' .' ,1*6 *+1'
L1551 6' " 61 8' 6 . 6+' 0560 - ' - "" 2+8' 5. ++ - ' *6 1 + - ' 06 .4.' : /' .' 5 .060 0+*6 '
2+8' ,0 * 6+ +6' 4+2 + - ' " 6' - 04 60 . *0" .*' - . 6 - .' .550) . ' 4020.6' - 04 1' 6.9*1'
3+14' 1" - ' . 67.9 * 0* + - ' 51 6+8' + 6' 1 - * + - ' *90*6 + - ' ,"." + - ' , .5. , " - +8'
' , 1' 5."%++*' 4 0 60 ' . - 2 6+ ' ,+ - ' *' "1*9 6+4 *0 - ' . , ' ".6 6+4 *0 - ' : ' 6.*6+ .'
5.60.6' (04' :06+ 6.60' 1 - * .' 50 - 0+60' 06' *09" 90*6 .' 71 - *+ - ' .4"+ - ' 0 6' +6' 5+ '
9. - 0* 8' + 2 8' .63+0' 7+ - 1' 06' . 0* .' .2' * "+0*6 2+8' +*4 3+0' - 2 2+8' 06' 61 0*6 2+8'
5.+"+ - ' .990 6. %12 " " - +8' 51 6+8' 5.0*0' 0/ , , .6+8' 6' 616+ 3+0' : .41 +8' .4+8 ' . ,'
*+) 1' *' "1 ,1' * . : 9 1 + - ' 5.6 0*8') *+8' 6. *6+ - - 141' .' - . ' 50' . *9+ 6.8' .4 - 14+ - '
.+ ,08' 06' *4 , ' 50 ' - 04 + - ' 6.9*+ - ' .4' + 20 - ' 60*+ 8' 0+ 5+8' .*9+ 61' , . * ." ' "+ 6' 3+ '
5. : .' 6.* + - ' * . : 9 .' .4 - 66 6' , .3+0' 5 .*1' +*41' ' * . - ' 5 1560' .3+ .0' 7+ - " 6.60 .'
, . * . + - ' .":0+ - ' 0 0' *1*' 5160 6' *' - 04 1' 6.9*1' 5. : .' * +".' 0 6' 5.+"+ - ' .' 041'
0+ 51' 3+ ' *' + 20 - ' 4+ , 6' 0 "0/ . ' 3+ .0' 06' 5 .' 2 0: ' 6 .* :0 1' 0+ 51' ,+ - ' 041'
,1*<+ 1' * . : 9 8' .4 6+ ' *' .+42+8' ".9* ' 3+ .' - . 0' . , , 5 6' +0 .6' :06+8' . /' *' .2'
60 .' 5. ' 3+. - ' . 1"+8' 0/5+9* .6. - ' *1: .' - +* 6 1*0' .4' 1 - . - ' 0,0*60 - ' . - 5" . :0 '
%.6' ,060 + - ' 51 60. - 1* 6+80/ 9++ - ' " + - ' . , 8' - 14+ - ' - .9* .0' - 1" ' 0 0*4 .0' *1*'
.6 8' 0" 0' *1: .' . , ' ".60' 5.60*60' - +* 6 1*0' 5 1 0 - ' .+/ 2' 06 . - ' +"60 1 0 - ' 5. .' . - '
5"0/+8' & ' 5 1 - *0*6 2+85 15+9* . ,+" 8.56. - .9* 6+4 *0.44 6 8' < +6' 0+ 5+8' 3+ ' :0?'
60 8' . , 8' *' ."60 .' 5.' 55 6. , ' 0/60 1 .' - 10* .' .66 *02.6' *+* , ' . ,0 - ' *1: . - ' - 0 '
4 . .' *60 +0 0 ' 9+". , ,5 0' 1 - . - ' 0/5 - 0 06' < +*40' "A' E+"06.0' *1 - 0* ' 4' . '
- . .' .4: ,*6+8%+ ,1 + - ' - .*4.6+ - ' . ".6+ - ' 0 6' +6 0 6.' 40 0 0 06+ ' 06' IJ .* , 0+8'
L + . ,+ - ' , , 5 .* 8 +"06. - ' 6 .< ,0 06' 4+52+8' 5.*1 +*' , 1' . , ' 616 40 - "6. '
"1 + - ' *' *1: .' - +* 6 1*0' 060*6 8' +1' -) .' "54*1 + - ' *' . 00 - ' *6 14+4' <+ ". '
4+ , 2+8' . 6 *1' ' 0* . : 4. ' 8' 1* .":1' . .21* . ' *61* 1' &0". ,1' 06$06 1' '
6 04. ' 3+ ' " ' *+ - 0 + - ' *1*' 0/5", 0*6' 6." 8' 55"0 0*6+ ' J1 + - ' 4+ ,08' +0 0' ' & . '
". ,0 , . . - ""+8' . 61"+8' 141 - 1*608' 0, , . 1' +41; ,+8' 4: +8' 06' A1' .56 6.'
. ,02 +8' ," 3+ .0,15 .06.*3+. - "+50 : . ,+ .04 - "%.0' (0,+*4+ - ' 7.0, ' ' J .* '
0 0+8' . .' ,+ - ' +' 9*' - " 6 2+8' "5.* 8' 0 6.' 0" 4. E+"06. - ' ,1* ,0 6 6' ' *'
3 . - ' 06' : ' "5.*1 1 - ' H 7 .' 616 4, - 3+0' 6."1 + - ' .' (0 20""1*1' + - - ".' +* ?'
1/' 06' 60 .0' ." ' (0/6 6' .2' *61* 1' $0 0*161' .* :0"". *1' , . 4 * ." ' 0.51" 6.* '
09* ' : , . 1' :0* , +*6 ' 3+ 2+8' 40' *9 ,*6 %+ ,1 + - ' ,". "0' ,0 6 1 ' 02.6' (0 20""1*+8'
06 * 6 50 ' - 1*02.6+ ' +6' . ,0 - ' +"06.0' *: 0 06' . , ' 4 " 90*60 ' 50 "+ 6 . 06' 06' $0?'
6 + - ' $1 61, . 0 + - ' 5 .0 04+ - ' 3+ 2+8' *' 02+8' 51 06' 150' 06' ,1* " . .4<+: . 06'
0, ' 40 + 61A(41' (0 20""1*+8' ' E+"06. - 3+0' 5 1 04+8' 06' "1 ,+ - ' . , ,+ .60' ,1*6, - '
5".6 8' : 6 1 + - ' 3+ .0' 2. +4' "0: .' 1"J0*4 k ' $1 61, . 0 + - ' - 1*+ 6< 3+1 + - ' ""+4'
1' - * - + - ' + 6' 3+14' . - 6R@' 504+8' 6090*8' +6' .56 1 ' 6.6+0*4 8' . , ' 4 5"140*4 8'
- . ,7 * 8' 0""4 ' 0" 4 .' ,1* 061' 7+ - " 1 ' +0 .6' 3+. - ' .4' 4+18' 50408' 0/61""0*4. - '
0 "0,0* 02.6' (0 20""1*+8' - " 6+ .' ."+6 ' 3+. - ' - . ,7 * . + - ' 3+ .0' 5"0 + - 3+0' *+6 "08
' ' ' ' FS L' ?' ' +*6
% $ ' ' > 6 @' % ' ' % ' ' ' 4 ' > ' . '
' ' ' % 6 $' ' , ' ' % ' ' ' 74 ' > . . ' ' % ' " '
' % . ' 5 ' % 6 ' ' , ' % ' . ' ' 4 .
, % ' J%. *4 ,+8 + . . , . 9' <". % ' ' . ' . $' 0 6 * .0' ' J** '
' $' ' ' ' 6 ' ' , , .' : " .0'
' (' . ' . # ' ' ' 6 ' B

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+ 6' .61*0 *'516 +8 7.20*4.2'4 ,0*8'< ,+ - 3+0'5 .0 04+8'50*+6 . - 0 .0',.+ . "&
' ""0' ' " ' " ' " ' ' " ' ' "' ' # "8G - #
6+*6<40, 0 ,0 06'6.*61' - +* 6 1* 8'."6 6+41'. "+ 90 06'&060 2+8'3+13+0' *60 1 8
. 48' -+ 8' - +* 6 1*0 -' +50 51 6. .'0/61""0*4. - ,0* + 6' (0 20""1*+8' 0.3+0' 40
,.+ .'%+*,60 -' 0:0 +8' 4+.8' .2 1*+*',0*6+ .8' .63+0'. "0 08',060 .3+0' * 6 - - 0*6.
.4'15+8'*0,0 . .'$1 61,. 0 1' +2 - * 6 .: 6' *60 0.',". 8'%+ , ,.',, /,'*.: + - ?
3+. + -' '"1*9.0'0 .*6'06',/' 8', , ///' - .<1 8'///' - *1 R' 1 * .0' 0" 3+.0
1*0 . .0':. '90*0 8'06'*1 - * 8' ' 4'G+ *6"' *'" 61 0'# ,.0',4* 504.'0 6
06',+ -'+*1' 4 0' .4' 5 1 - 1*61 + -'3+14' . 67.9 * 8',.5+6':+"91' 4 , 6+ ' *'.
,71 8' + 06' 4+,08' "*0',0 6. - *,',15 .8' *'60 . -'0/51*+*6' 3+.4' '. - .61 +*
R ' ., 02.*6' *' 3+ 2+8', . 6' ' ' 5 .061 .*1 + - ' ". "'5 .00 .6') "+C." 8'<
60 0 6 2+8',15 8',' *.*' 5+ 5+ .6+8' 0/')"; 1' 20""1' 6 0*++8' 06' .' (0" 66 1' 12' 0/
- . -': 6+60 -' *'90*0 + -'. , 6+8' 3+0 *' 06' + - - .' - 50 ' 0 5 , 02.6' 8' 9 6+ '01
40 -'60 - 51 0' 06' + 20 -'06' E+"06.*. -'. ,0 7' 155+9*.*4.8' + ,05 6<' 06' ' 4. 'E. '
:0**.,'5 1 +"6.*1' + 2 8' 12 40*4.0' + .',1 - - ".'4' :' '0/' 8 3+18',". 8':0/0'
.6' +"6 .'5 1: *, .0' ,15 .8' .66 2+ 6' 06': " ' - .<1 .'.,'616 40 -' - *1 .'61 - 0*6.'X
,+ -' 3+ 2+8' ""0': 'S. '(0/6 ' *' +6 13+0' + 2 8' Q< 2+ 2 1' 0. 2 .' - 06.63 '.'$.9.*4'
U . .'5 - 0' - 506+' X5+ +8') 20 -'(0 20""1*+8' +6'6.*6 50 '71 6 + - . 0 8' 4 6 '
0 06'.,' .6 9. 06' 40 0 0' * 6 1' 6.61 6'<' 04 - .<1 ,'3+. -'5+6.:0 .6' *+ - 0 1' 6 ''
6+ - 20*60'51 6':." 4. -' - 5 0 1*0 -'.'*1 6 8' .4. - '+ 20'06':060 '. ,0'%+ 48' 0?
4. '1 - *0 8',15 .8' 50 ':. .8' + 2 8' 5. 608' 4 6 2+6.8' 0140 -'4 0' +*4 3+0' 01*6 .4.('
*0,' +*1' 3+ 40 -'40 40 .61' *' *1:. -' - +* 6 1*0 -'.4' 0' 06 .7 6'< *' 3+. - 06' 6.6 4?
' 1 .2 6' 6+ ' 0 :.*4.0' - 51 6.' 0' 0,05 6' 06' 5 ,' ".*' - 0608'51 63+. -'4' + 8'
.4'%+ ,18' 6 .*8 +9 0*6 2+8' 40 0 6+8' 0/,+ 61* 2) 8 6,+6' 0,050 .6' 0* 0+ - <04. -' 0'
9 1*0 -'50 :.9. '06'.**1*.0' +2:04 1*0 -'71 6 2+8' * 0 6. .' .,0 0' *1 6' 516+ 6' 6'
0 - 1*08 :. 08' *,+ 6' 3+14' (0 20""1*+8' 40 '3+. - (+ 6 1' - +* 6 1* 8' *1:.0'
6+0*4.0' 404, .6' - 0 - 1 '516 +8' 40,1 8' 3+14 *'71,':0 . '0/ 6 - .2.6'6.6 1*0*'
7.2+0 '3+. -' - 1 - 0*6.' 05+6.:0 6' 3+.0' 6',15 .8' +* :0 .8' E+"4 .*'6 .* 6+" 06'
6.*6'*1 - * 8'. ,0' 0 :.6. '*1*' 1"+ -'.4' 08'$7 " 55 ' 04'06 . -'.4' - *0 -' 7 6 .'
*+ -'1 20 -' *40' 04+*4.6+ .' + 0*6 ' (04': '90*0 1 +8' .6 8' 7.2+ 6' "1,+ -' 40'
+.0',1 - . + -'6+0 ' *: 4 .'."60 +8'. , 8' 6' 5.*1 + -' 9*.: .'.+6' *09" 90*6 .'
. - 660 06+ ' *' 018' 0@04. ' 9 6+ ' .56.'+ 20' *' E+"06. -':0 +8' - 506+8'< 06'%+ , '
:' - .,7 * 8' *',1" 0' 5 1/ - 1'0'"1,1 ' *' 3+0 -'0/ 00* 1*0 -' 0,0 .*6' 6.6+6 8' 3+.0'
018<3+' *150 0' 0 .*6<'6) 6. 0*6+ ' - +* 6 1*080/, 6. 0' *, 5 +*6' 3+.8' 056 - 1'51 6B
3+. -',1056.0' +*6' 4 0'*1*'.*9+ *01' "0/+',1*6 *+.6.8' 04' 40 *,058'." . -'51 6'." . -'
*60 .56.8.4' 1 ". -'. , 8' 50 4+,+*6' N 06' 3+.*3+. -'*1 661 + -'0 +56 1* 2+8':." 4.'
- 5 0 1*0' 0/5+" '/ '4 0' "1,R'.45+" .*4.' - 1 - . - .6 8'.,'T1 - *"+* 6 8 . ,0*6'
2 5. 6 61'.' 5. 60' - . R - .'.2'0/6 0 - .' 5 .' 2 ".,'16.'06' 6.9*1' 3+.60 0' *, 5 +76'
140 -'60 - 51 0' .4'. ,0 -'*1:. -'<+/6.'+ 20 -',+ -' 1 ". - 4+,0 0*6 *60 ' - +* 6 1*04'
,/, 6.*4.8' ;. 8' 5 10" R' +6 *3+0' ,0 6.6+ -' + 6? G+ 2+8' 40' 02+8',0 6 1 ' .4+8'
+ 6 +8' 3+'. , 8' *1:.0' 0/ 6 +0*4.0' .+41 ' + "06' 3+.*6.8' 5160 6',15 .8',1* , <2'
,+ R' - .9* 3+0' 6 *0 2+8' E,* . . '06' *40' 0.51" 6 ',1*60*4 6 ' 3+1' 5 4' 4
(0 6"' .55+" 6' *90*8' 6+ *' ,11 6.' 06' * 1" 6. '60 - 50 6.8' 5 14 9 '"1,1'.,,056.' 0 6'<
3+.'5 .061 .'* 0 - 8'.,'3+163+16' *.:08' *' E0*+.0'. ': , * 8' 9+ .,'"1,R' +0 .*6'
5 1,0"".5, '." 3+16' 4 08' .0: 0*60' 3+. ".6.0' .,' .,0 .6.0' +*6' %.*40 -' + 6 + '
,+ -'50 0/ 9++ -' 50 .6' +2 4 '.55. .6+ -': 40 06',+ -'5.+, 8' 6 0 - 2+8' $.*71 '
- + -': 0* 6' '3+1' <. -'/:'S."' 4' . ,0""+8' + .,+ -'// 6 '6 0 - 2 R'.63+0' 6. '
" , 8',15 8'*+50 + 6 '<+ "+' 0 56 8' .55+"0 .6' *60 0.' - .9*+ -'40' 02+8'%+*06.* 8
' M ' ? "0*6 + 6"
' ' '4 >=<@]='T5 # " /) $5 2 ! !2 '' 2 ' , " $ <2' $/:2 2 ,\!
28 $ 7" ' ' #$ '@ !' !':#' # $ IK; " $

>ʿ ?̃ ? ʿ ʿ & 4

&ʿ6"0*6+-ʿ61 1ʿ 4 0 +-ʿ 5.6 1ʿ6 60ʿ +6+ ʿ0:0*6+8ʿ1-0*ʿ5 .02+ 6ʿ 3+.- 48ʿ.*60
) ʿ R +6 .4:0*6+-ʿ . 1"+8ʿ D .91* +8%0 .*1:.0ʿ4+/ʿ (," .05 .0 08ʿ4+.80/50ʿ
4 6.8ʿ6 0-0 8ʿ ,+-ʿ ,,, 40"0) 8ʿ 5.* 8ʿ%+*060-ʿ - "06ʿ 1-*ʿ 5 .060ʿ - " 608ʿ
1*0 0 3+14ʿ0.8ʿ6. 4. 0ʿ51 6ʿZ,. -.6.8ʿ06ʿ" 20 6.60ʿ 0- 9 2+8ʿ5 1- ". 00ʿ * +2"64 Gʿ
*6 14+,0*41ʿ -5 9 .-ʿ06ʿ 4.-ʿ150 .-ʿ*.:."%0*6ʿ :0 +-ʿ,.0ʿ6,-50 ,.60 06. 4.6.0ʿ
,+-ʿ,+ +- 6 0*0 0ʿ*1*ʿ516+ 0*6ʿ51 60.ʿ 06 1ʿ ,1-5+" .0$.*71 -+-ʿ 04 0-*6<ʿ
3+.8ʿ6+ *ʿ +6 +8ʿ 6.6 -ʿ 0- 6ʿ 09 4 1ʿ *4 .4.,+-ʿ :ʿ6 0- 2+8ʿ +6ʿ6+6 +8ʿ *.ʿ
; 9. 0*6ʿ.44 61ʿ,1- 604 0ʿ3+ 2+8ʿ + +8ʿ,+-ʿ *+""+-ʿ50ʿ -+"618ʿ4 08ʿ*+*, +-ʿ.,ʿ
, 50 06;ʿ40ʿ0. +-ʿ,. 2+8ʿ06ʿ 6 *0 0ʿ 1" , 6+8ʿ " 1* +-ʿ2 ."..*+-ʿ,+-ʿ: ʿ6 0- B
2+8ʿUJ.: 9 .*. -ʿ+ 3+0ʿ5 1,040 0ʿ<+206ʿ :0 +-ʿ06ʿ 8ʿ*+"". 0ʿ,0 6.ʿ,1-50 6.ʿ.4ʿ 5 +-ʿ
04 6ʿ A.-3+0ʿ%+ ,ʿE+"06.*.-ʿ . ,0-ʿ *40 *0*6ʿ5+" .6 1*0ʿ 3+. ".*41ʿ -.9*.-ʿ
0/60 1 8ʿ -+<ʿ6 .90-ʿ04 40 .*6ʿ 5"+ +-3+0ʿ 4 0 +-ʿ ,1*6 *+.ʿ 4 - ,.6 1*0ʿ0* /ʿ
+0 .*6<)6ʿ604.ʿ: .ʿ.4ʿ- . 0J0 0*60ʿ516 0*6+ ʿ 04ʿ,+-ʿ*1 6 8ʿ., 60ʿ"1,+-ʿ40 0*ʿ
40*6 2+8ʿ,1*.6+8ʿ ""1 +-ʿ *ʿ 6+-ʿ7.40*+8ʿ,0"% 06ʿ$1 61,. 0 +8ʿ71-1ʿ5 .060ʿ
52 "6.60-ʿ+"".ʿ 0ʿ ,1- -0*4.2 " 8ʿ06ʿ 0ʿ + 0056.0ʿ -5. ʿ 0,". -.6 6 2+8ʿ 6." 8ʿ06ʿ
5.* 8ʿ4+, 2+8ʿ "". -ʿ 0ʿ4+18ʿ*.0* 0 8ʿ40 0* + 18ʿ 0, 5 0*6 2+8ʿ: . -ʿ+"6 1ʿ40 0 + 6ʿ
063,,+5.74. -ʿ%+ , 8ʿ 0" 3+ 6ʿ,+-ʿ*09. 06ʿ0<+8ʿ 0ʿ 06 *0*4.0ʿ,.+ . 3+.0ʿ* 7 "ʿ.+6ʿ
50 0/ 9++-ʿ.4ʿ +- -.-ʿ 0 +-ʿ .,0 06ʿ. ,0-ʿ40 0* 1 2+8 0/ *. 6+ +-ʿ .6 8ʿ ʿ
ʿ -.-ʿ +6+ . -ʿ"ʿ -10* .ʿ40 0*40 6+6ʿ 4ʿ71,ʿ *,1- -14+-ʿ .,,0"" 6<ʿ +6ʿ,+* ʿ
,+"+8ʿ.4ʿ60*61 +-ʿ 5" +8ʿ (*.* 8ʿ5+ 5+ .6ʿ.4+8ʿ,+-ʿ *ʿ01ʿ0" 06;ʿ+6ʿ.4ʿ0 04+-ʿ50 ʿ
4+,0 06+ ʿ6 .*8 +9.0ʿ "5.* 5 14 6 1*0 6+8ʿ +0 6ʿ3+ ʿ -.9* 812ʿ 4ʿ 5 .0 1<8ʿ
.2ʿ) "+C."ʿ. 04+8ʿ*1*ʿ .6 8ʿ7.2+ 6ʿ *90*6ʿ ,0"0 0ʿ 40-ʿ *ʿ 0+-ʿ06ʿ71- *08ʿ : 1 ʿ
A. 0ʿ*"ʿ 7 6 .*1 +- ʿ3+18ʿ40 0 + " 06ʿ -+* -0*6.ʿ4 0+- 0*8ʿ !3+14ʿ) "+C." 8ʿ
. 6+ 02.6ʿ+6ʿ 1, 18ʿ.4ʿ 40-ʿ ,0"+8ʿ * 6 9. 06@ʿ -.9*.ʿ:100,". - 6. 06ʿ -.9*+-ʿ 2ʿ
5 06 +-ʿ -.9*+-ʿ 6 40-ʿ,060 8ʿ3+ʿ0.*40-ʿ,1*4 6 3*0-ʿ .-5"04ʿ :0""0*6ʿ .5+4ʿ
%+ ,18ʿ71*1 0-ʿ +6+ +-ʿ *60 0.ʿ46<04.ʿ -.9*.ʿ -+ ʿ5. 8ʿ06ʿ%+ ,ʿ:.""+-ʿ+"3+,ʿ
.4ʿ1 .-ʿ 1"%.0ʿ . 67.9 *0-ʿ%504.*6 8ʿ50 4+/0 + 6ʿ, 02 8ʿ,. 60"" 8ʿ0/, 6.6 8ʿ4 " 90* ʿ
6 .) "+C." 8 ʿ71- * 8ʿ -5 9 ʿ06ʿ3+ʿ*1*ʿ0/0-5"1ʿ 1"+-ʿ06ʿ.471 6.6 1* 2+8ʿ 04ʿ, J+".ʿ
" 20 ." 6.60ʿ150 . 8ʿ.* -18ʿ ., 02.6ʿ 0- 9 1ʿ6 0- 2+8ʿ04+41ʿ"1ʿ 60-,.-0" 8ʿ.4ʿ
-.60 .-ʿ,1-51 6.*4.-ʿ.47 2 6 8ʿ<.-3+0ʿ *ʿ01ʿ0 .6ʿ+6ʿ,15 .ʿ150 . +-ʿ06ʿ .,,1 ʿ
+ *ʿ".*.ʿ555"061 +- 06ʿ7+<+ -14ʿ 32+8ʿ 1"%.-ʿ,1-5"0 06ʿ60140-3+0ʿ60-51 0ʿ5. ʿ
4 " 90*6 .ʿ *ʿ. , 8ʿ%+*06.*.0ʿ155+9*.6 1*0ʿ.2ʿ 4. 0ʿ".25 .2.6+ ʿ3+.-ʿ12 0 ʿ, 0B
2 8ʿ0 +56 1* 2+8ʿ * 0 6. 6ʿ71 6ʿ .,02.*6ʿ (056 08ʿ *60 ʿ7.00ʿ5+9*.6+-ʿ06ʿ.-5" +8ʿ
iʿ *ʿ *9+ 8ʿ5 10" 8ʿ0/ʿ%+ , 8ʿ.2 +-56ʿ<ʿ3+14ʿ ""18ʿ,109 6ʿ6.*40-ʿ,15 .8ʿ,1*6 . ʿ
70 0ʿ+6ʿ .4ʿ 0 60*4+-ʿ*1 6 8ʿ *:.40*6 2+8ʿ - 1 08ʿ0 "0*6ʿ *ʿ7 8ʿ.*9+ 6 8ʿ,+-ʿ
$1 61,. 0 +8ʿ6." + .ʿ 0 +-ʿ * 2"0*8ʿ06ʿ40 0 6.ʿ604.ʿ: .ʿ 0 1ʿ0 1 0-ʿ.9*1 00*8ʿ40ʿ
+2 4 8ʿ *ʿ 71 .8ʿ (0 20""1*+-ʿ 1" , 6. 06ʿ06ʿ ""0ʿ,1*6 .ʿ 0ʿ -+"6 8ʿ.,ʿ<+ 6 8ʿ40ʿ,.+ 8ʿ
0/,+ . 06ʿ6. -0*ʿ,+-ʿ71 60-ʿ 5 6.0ʿ - - 0 0ʿ "". -3+0ʿ -1/ʿ 05"060ʿ.99 0 "+ +-ʿ *ʿ
60""0/ " 06 : 4+8ʿ. 4+ 8ʿ0/51 6+".6 1* 2+8ʿ.,ʿ -06+0*8ʿ*0ʿ3+ 4ʿ$1 61,. 0 +8ʿ50ʿ -0ʿ
6+-ʿ* 5"" +8ʿ ,5* +"0 06ʿ40"04. -ʿ"1,ʿ ,"15506. 1 +-ʿ -.*+-ʿ.4ʿ " +-ʿ - 6ʿ4 ʿ
, 2+8ʿ% 20 1ʿ ʿ +,,. + ,.ʿ ."..2 1ʿ .0" 1ʿU .;."0 6.*. ʿA1.**0ʿ ʿJ 9+0 1.ʿ06ʿ$06 1ʿ
ʿ .*+0" 1ʿ<ʿ ,+-ʿ5 +8ʿ +-ʿ .*4.*.-ʿ J0 4 *.*4+-ʿE1-0 +- 06ʿJ.2 6 +-ʿ
c.- - * .60* 0-ʿ -+* 0*41 +-ʿ"1,1 +-ʿ50 6 -+-ʿ.4ʿ$1 614. 0 +-ʿ - "%06ʿ
"06ʿ6. -0*ʿ 5 0ʿ.4ʿ"1,+-ʿ.47+,ʿ * -+-ʿ06ʿ".60ʿ5.60*60-ʿ40 0*40*4+-ʿ +2" 4 1ʿ5"+8ʿ
""+4ʿ406 .70*60ʿ090 06 ʿ %+ , ʿ3+ʿ150 . +-ʿ,15 .ʿ.2+*4.2.*6ʿ<. -ʿ:.""+-ʿ+ 3+0ʿ
.4ʿ1 6 +-ʿ,.*." 8ʿ3+ʿ *ʿ 6.9*+-ʿ * "+ 6ʿ5 14+/0 .*6ʿ 50ʿ "" +8ʿ150 2+8ʿ12 6 +0*4ʿ
06ʿ0<+8ʿ+ +-ʿ*1 6 8ʿ.4 6*0*4 ʿ(6.9* ʿ6. -0*ʿ51 "0 " 1ʿ6161ʿ12" 4 1* 8ʿ60-51 0ʿ50*08ʿ
ʿ ʿ 6 ʿ ʿ ʿ ʿ 7 6 .*18
% $ ʿ:ʿ ʿ ʿ ʿ ʿ! 6 ʿ6. 0ʿ ʿ+ ʿ ʿ% ʿ ʿ> ʿ
ʿ% .. ʿ C 6 ʿ ʿ> ʿ W ʿ ʿ) ʿ *ʿB ʿ, # ʿ $ʿ
> ' ʿ+

ˢ #ˢ .]

7 6 .*18ˢ + 6<ˢ 6.*6+ -ˢ 0/ˢ ,1"" 2+8ˢ 4 ,+ - 51 6 8ˢ * 0 6.ˢ - . ,7 *. + - ˢ4 5"1 1*0ˢ " $ &ˢ
ˢ +2 4 .ˢ0/ˢ. ,0ˢ *1: .ˢ5"0 + - 3+0ˢ - 504 02.*6+ ˢ%.*40 - ˢ: .""1ˢ5 14+ 61 ,+ - ˢ71 608 ,+8ˢ ˢ
1 ".0ˢ +, ,0 "" 0*6ˢ 1 ". - ˢ . 67.9 * ˢ1551 64 - ˢ,1 - 5"0 0ˢ *, 5 + *6ˢ - - . * 2+8ˢ . ˢ
21 + - ˢ6 +*, 8ˢ .6, 8ˢ". *.?ˢ 0 0 6 8ˢ ,< 5 8ˢ " .1ˢ 5"0* 8ˢ 06ˢ 7+<+ - 14ˢ - .60 .ˢ 6+ *ˢ
.990 08ˢ0/ 6 ++*6ˢ+6ˢ/ / /ˢ24".61 - ˢ1 4 *0 - ˢ *ˢ 1*60ˢ, .50 0*6ˢN *60 ˢ3+18ˢ."6 6+41ˢ
"" +8ˢ 0 - *02.6ˢ 3+14ˢ .4:0 +8ˢ Cˢ$06 ˢ5 15+9*. ,+"+ - ˢ0 0/0 .*6ˢ *ˢ3+1ˢ / ˢ - + ˢ
ˢ .""2+8ˢ61 - 0*6 8ˢ4 51" 6 8ˢ ,1*6 *0*6ˢ616 +8ˢ4 0ˢ :0 20 .6 1*0ˢ +" - *.2. *6ˢ 06ˢ.ˢ,+ ˢ
1 8ˢ 0 : .6+ - ˢ + 6ˢ50ˢ - 0* 8ˢ 5.6 + - ˢ *9+" 8ˢ4 02+8ˢ.4ˢ, 1ˢ. - 5" +8ˢ 4+8ˢ4 5"1 18
03+0ˢ6. - 0*ˢ 5"+8ˢ * 0 6.ˢ155+9*.6 1*0ˢ 3+. - ˢ 5 14 6 1* 2+8ˢ .*902.*6+ ˢ12 ,""< ˢ
,+ - ˢ, 02 ˢ0/ˢ 5.* 8ˢ.4ˢ71 60 - ˢ *ˢ4 08ˢ6 .*8 +90 0*6ˢ) * +8ˢ06 . - ˢ40604+8ˢ0 6ˢ9 0ˢ
9. +8ˢ - "08ˢ "5.*+8ˢ3+ˢ40ˢ5+":0 0ˢ *,0*40*41ˢ1, ,+"6.ˢ,1* ".ˢ7.2+0 .6ˢ12ˢ 4ˢ
- 0 61ˢ +55" , 1ˢ. J046+8ˢ $. +"1ˢ51""ˢ:0*0 0ˢ.ˢ.ˢE .*:0"".*1ˢ06ˢ (+0 ".*1ˢ4+,0ˢ.4ˢ (0 ˢ
20 "1* + - ˢ"60 .0ˢ3+ 2+8ˢ - 1*02.6+ ˢ +6ˢ .4ˢ 0 : .*4. - Ⅲ. ,0 - ˢE+"06.*. - ˢ3+. - ˢ0/ˢ
. " 4+ 8ˢ $1 61, . 0 ˢ 60 8ˢ *ˢ + - - .8ˢ .*9+ 6 .8ˢ%04.4. - ˢ *60"" 902.*6ˢ 1 - * .ˢ
+ - - . . ,0 06ˢ06ˢ 6ˢ15+8ˢ0 06ˢ 5 0 - 0 0ˢ,+ - 1 - * 2+8ˢ,15 8ˢ 0" 4.ˢ. ,0%+*06.*.ˢ
*ˢ0. *ˢ,1* 0 06ˢ G+ 2+8ˢ 60 8ˢ. , ,056 8ˢ(0 20""1*+8ˢ4+,08ˢ *ˢ,1*, " + - ˢ:1, .6ˢ *ˢ
.04 2+8ˢ *4 0.0ˢ2ˢ(.".C. ˢ0/ˢ:+"*0 0ˢ40, + - 20*6 8<ˢ06ˢ.*60ˢ1 - * .ˢˢ(*590 .0ˢ 6.9*1ˢ
06ˢ,1 - - 0 , 8ˢ 5 .0 0 ˢˢ0*60*6 . - ˢ0/3+ 6<ˢ 3+ˢ, + - ˢ*1*ˢ5"+8ˢ ˢ + *1ˢ ,1 - ˢ
- 0.6+ˢ6 .* :07ˢ51 "0ˢ 0"51*40 06ˢ6+ *ˢ(0 20""1*+8ˢ3+ˢ: 40 06ˢ*1*ˢ - *+8ˢ<3+. - ˢ
0/ˢ ,1 - - 0.6 2+8ˢ 616.8ˢ ,15 .8ˢ +6ˢ" 60 .0ˢ +.402.*6ˢ6 .* 51 6. ˢ51"%0ˢ *ˢ3+1 + - ˢ
+*1ˢ"ˢ1 J0*4.6+ ˢ+6 . - 3+0ˢ. ,066". - 66ˢ 2ˢ *ˢ.* - 1ˢ0 "0ˢ4 , 6ˢ,+ - ˢ, , , ,ˢ40"044ˢ
+ - ˢ - .*+ˢ *ˢE+"06.*. - ˢ. ,0 - ˢ6 .< ,0 0ˢ (04ˢ,+ - ˢ 0,". - . 0*6ˢ4+,08ˢ*03+0ˢ 0ˢ5. ˢ
" 18ˢ4 ,0 0*6ˢ +6ˢ . ,0 %+*4.*.?ˢ 0" 4.ˢ *ˢ."60 . - ˢ,1*,040 06ˢ0.ˢ,+ .ˢ . 6 *1ˢ
ˢ +9* 1ˢ06ˢ , . ,1ˢ ."41*.61ˢ,+ - ˢ, ,ˢ 5.* 8ˢ. ,ˢ616 40 - ˢ 6." 8ˢ4+,0ˢD 0 ,+"0ˢ$ ˢ
.*140 - .*4.6.ˢ0 6ˢ - 1* 6+ 3+0ˢ50ˢ) 9* + - ˢ06$06 + - ˢˢ 1: .4 "". - $1 61, . 0 + (ˢ
+6ˢ 1 6 60ˢ 0 - ˢ90 0 06ˢ< *03+0ˢ0* - ˢ6.*6. - ˢ6 - 1 8ˢ, .+ . - ˢ +20"J,< 3+.*6. - ˢ 5 0ˢ
9* ,06ˢ - 141ˢ 8ˢ 6ˢ3+ˢ0ˢ%0ˢ4020.6ˢ,+ - ˢ*+"".ˢ0/ˢ5. 60ˢ*.6+ .ˢ"1,ˢ 6.ˢ 0 0*60ˢ
71 60ˢ - .9*1 "". - * + - 061ˢ *: .40 0ˢ51"" *6ˢ5 .060 3+. - ˢ .4ˢ (ˢ$06 ˢ5 15+9*. ,+ ˢ
"+ - ˢ, +<+8ˢ J1"J. - ˢ%+ , ˢ0/ , , .:0 .*6ˢ 04ˢ*0,ˢ5"+ 2+8ˢ3+. - ˢ3+.8ˢ7.20.6ˢ: 2+8ˢ
.4ˢ71,ˢ15+8ˢ0"J0ˢ*03+0ˢ.401ˢ5"+ 2+8ˢ3+. - ˢ3+.*6.8ˢ: .0ˢ".6 6+41ˢ, .50 06ˢ 8ˢ,15 8ˢ
+ 04. **1ˢ *6 1 - 6 8ˢ51 6 4 0ˢ3+ˢ *ˢ/ ˢS."ˢ(056ˢ *, 402.6ˢ%+ 1 ˢ6148ˢ: 2+8ˢ
?. ,0 - ˢ155+9*.*6<ˢ06ˢ51""ˢ: ˢ71 . + - ˢ12 6 *.6+ - ˢ+6 *3+0ˢ 0 6. - 5*ˢ,+ - ˢ - .9*.ˢ
5 1 + - ˢ, .040ˢ +2ˢ:0"50 . - ˢ.:06ˢ +*6ˢ (04ˢ*0,ˢ *, +0*6.ˢ*1 6 8ˢ: 41 .ˢ + 6ˢ, ,ˢ
40 406.6 8ˢ. ,ˢ , ,ˢ +, .6 8ˢ J0"J18ˢ +50 1 8ˢ4 0ˢ5+9*.ˢ0/,05 6ˢ."60 .ˢ155+9*.6 1ˢ *ˢ
03+0*6ˢ4 0ˢ ˢ 04ˢ2 0: 1 ˢ3+ 550ˢ4+. + - ˢ6.*6+ - ˢ71 . + - ˢ *ˢ3+.ˢ5.+, ˢ1, , ˢ 04ˢ
- +"6ˢ"." 6+4 *0ˢ 402 " 6.6ˢ +*6ˢ 6.3+0ˢ *1: + - ˢ +2 4 + - ˢ504 6+ - ˢ.ˢ (0 20""1*1ˢ
*1*ˢ 06 .4.*60ˢ + - - " - ˢ4+, 2+8ˢ E. .ˢ8ˢ%1"06.*1ˢ 1*6.*1ˢ(.".C. 1ˢA1ˢ
G+ *6.*.ˢA1. **0ˢ *61* 16(. - 21*0ˢ06ˢ(, 5 *0 .C+, .ˢ06ˢ5.4ˢ 0" , 6.60 *#ˢ
. ,0 - ˢ.00056+ - ˢ(,4 ,+ - ˢ - .<1ˢ; 6+8ˢ12 0"J1 + - ˢ 50 .2.6+ 1*, 40*6 2+8ˢ.* - 8<ˢ
. /ˢ *0ˢ,0 6. - *0ˢ+""1:0ˢ 6 05 6+ˢ51 6 4 0ˢ, .56.ˢ0 6ˢ$1 61, . 0 1ˢ 6.6 - ˢ *ˢ. ,0 - ˢ*ˢ
60 1 0 - ˢ0ˢ 0, 5 9*60ˢ*03+0ˢ - " 6 2+8ˢ3+ˢ, 1, ,ˢ +50 0 .*6ˢ+"" 2ˢ .4ˢ%+ ,1 + - ˢ
*: . 170 - ˢ1, ,+ 0*6 2+8ˢ " 03+0ˢ - *1 0ˢ4040,1 0ˢ $1 61, . 0 ˢ 6.6 - ˢ. /ˢ *60B
1 ˢ. - .ˢ0 6ˢ%+ , 8ˢ - + - - ˢ4+140, - ˢ504+ - ˢ."6 6+4 *0ˢ *0ˢ, ." 8ˢ4+ - ˢ." ˢ +50 ˢ
." 18ˢ, .*4+*6Ⅲ +50 .*6 2+8ˢ06ˢ*1 6 8ˢ3+. ˢ 9*.: .0ˢ:060 * ˢ5".*0ˢ1261 50*6 2+8ˢ
12: ˢ126 +*, .6ˢ6.*6+ - ˢ, ,Tˢ +50 6 608ˢ +0 0ˢ06ˢ - 20"" 8ˢ 0/+8ˢ06ˢ.06.6 8ˢ, , 6, ˢ
, ,ˢ, .5 6. ˢ $1 61, . 0 +8ˢ3+ ˢ.4ˢ1 - * .ˢ - " 6. .ˢ - +* .ˢ .4 8ˢ06 . - ˢ.4ˢ4 5"1 . + -
ˢ - . ,7 *. + -

&/ ! / G/"/4" ˢ ˢ ˢ. ˢ ˢ, 6 ˢ *ˢ ˢ ˢ+ ˢ ˢ + # ˢ ˢ ˢ ˢ ˢ
ˢ ˢ /G. ˢ ˢ4 ˢ 7% ˢ 8ˢ ˢ ˢ ˢ ˢ+ # ˢ ?0 ˢ +) jˢ
ˢ +. . ˢ f

ˢ ˢ ˢ5ˢ 1ˢ 4ˢ ˢ4

"G &ʿ - . ,7 * . - - .91 0 - + 0 8ʿ226+ . 0ʿ06ʿ *ʿ +260 . *0 .8ʿ60 6+4 *08ʿ . ,ʿ"1, .ʿ,1* , . - 0
' # / ʿ ʿ .6.ʿ,1* +90 0ʿ4 ,02.6+ ʿ . ,7+ - 0608ʿ 60 - ʿ . 4 .0ʿ .60 ʿ . ,ʿ " +8ʿ 8ʿ3+0 *ʿ - *+8ʿ
5 .6 ʿ4 "0 6+ - ʿ + " 0ʿ +5 .ʿ4 / - +8ʿ *ʿ5160 6.60 - ʿ71 6 + - ʿ:0*0 +*6ʿ .56.ʿ *90*8ʿ
5 .04.ʿ06ʿ . - 1 +* ʿ . ,ʿ20"" ,1 + - ʿ .55. .6++ - ʿ: 8< *ʿ 3+ 2+8ʿ +0 - 6ʿ *ʿ - . ,7 * .0ʿ
1 * * 8ʿ90*0 8ʿ ʿ 6+ *ʿ - .9*.ʿ . * *1* .0ʿ ,15 .ʿ +2 0: . *41ʿ71 6 + - ʿ0/0 , 6+ ʿ " *0ʿ3+ .ʿ
%6 , ʿ+ 3+0ʿ .4ʿ 4 ʿ (056ʿ 3+1ʿ4 0ʿ . ,0ʿ*1: .ʿ516 6ʿ +36ʿ *ʿ12 4 1*0ʿ - . *0 0ʿ*03+.
ſ 3+ . - 516+ 60*6 ʿ %+ *ʿE+"06. ʿ ,+6 ʿ - 50 .6T <+"%0 .6ʿ ,+ - ʿ - * 2+8ʿ .04 6, 8ʿ4 ʿ
6. ʿ *ʿ , - ,+"18ʿ J1 "28ʿ 9*0ʿ *4 61ʿ ʿ * . :0 3 0ʿ *ʿ , . * ."0 - ʿ +24+4 .0ʿ 6.6+6 8ʿ *ʿ 8ʿ ʿ
&0 +8ʿ - . 0ʿ - . ,7 * 8ʿ3+ 2+8ʿ + 6 + - ʿ 6ʿ02ʿ ,+ - ʿ ,". "0ʿ:0* "06ʿ .2ʿ . , ,0 " ʿ . ,0 0*6ʿ
1*6 * +1ʿ .4ʿ%+* 06. * . - ʿ . ,0 *ʿ01*<+* 6 8ʿ ,15 8ʿ 6+ - ʿ ʿ *ʿ3+ .ʿ20"" .61 66 - ʿ*+ - 0 +8ʿ
3+ +0 .6ʿ :ʿ , * I .4ʿ , * , , , ,ʿ 04. 6+8ʿ0 .6 ʿ 0" 3+ 8ʿ5. 6 * ʿE+"06. - ʿ - 8ʿ 5. 6 - ʿ ʿ
5 10" 8ʿ0 +56 1* 2+8ʿ6 .*8 +9 8ʿ ." 3+0ʿ24" , . 2+8 .2 + - 56 8ʿ % 2+8ʿ 5. 6 2+8ʿ
1X65+9* .6 1ʿ 6 6 6. ʿ .4ʿ .ʿ(0 23 1* ‖ + .0ʿ06ʿ (ʿA2. * 8ʿ5 15+9* . ,+". ʿ4+413+ ,ʿ
: .""1ʿ . ,ʿ5 .0."6.ʿ0/ , 6.6.ʿ - +* 6 1*0ʿ6 .* :0 .ʿ .4ʿ 79+".8ʿ5 25+9* . ,6 "1 + - ʿ 1 ".8ʿ
3+ .ʿ .4ʿ 4+8ʿ ,060 1 + - ʿ5 25+9*4 ,+"1 + - ʿ ".60 .ʿ 5ʿ1 + - I * ,0 ", *6 + - ʿ40 0*40 0* ʿ
6+ 6+ - +"+ - ʿ - +"6.ʿ,1*9 0 6.ʿ - .60 .ʿ *ʿ0. *ʿ ."6 6+4 *0 - ʿ, /6 6. *6ʿ0/3+1 *ʿ5 15+9ʿ
. ,+"+ - ʿ . ,ʿ40 504+8ʿ0"%06ʿ .990 0 - 3+0ʿ3+ ʿ 2 ". - ʿ."60 +8ʿ A1. * * 8ʿ6 .*":0 ʿ
. - ʿ 0, .2.6ʿ .ʿ0/ ." . +76ʿ+6ʿ "" +8ʿ . 0. - ʿ1, " 8ʿ +2<04". - ʿ7 .20 0*6ʿ: .""T 0 ʿ - +* ʿ
6 1* 2+8ʿ * < 6"5" , .6 8ʿ +6ʿ ." ,+2 ʿ 0/6+5" , ,8ʿ0 076ʿ ." .ʿ .*60ʿ ." . - ʿ *0 , .ʿ*1 6 8ʿ *?
450 0ʿ5 17 20 ʿ51 "0*6ʿ 415506. 8ʿ .4ʿ"1, .441*0.ʿ4 "51" 6 8ʿ3+ʿ ,176 *0*6ʿ9 . * ʿ
4 *0ʿ12 0 "28ʿ * ,4%02. *6ʿ+6ʿ01 + - ʿ 4 2+8ʿ *ʿ4 0ʿ .4ʿ /" ʿ . - 5" +8ʿ *0ʿ ." 1ʿ ,0 6. - *0ʿ
0/ . * - . 0* 6+ ʿ3+ .0ʿ * 7 1 - *+8ʿ * ,1 - - 14 .ʿ: 6+60ʿ5 15+9* .61 + - ʿ +55R2. *6) \ʿ
+ - ʿ *ʿ 1, 8ʿ + - .ʿ5 .60 .4 8ʿ12 6 +0*4 8ʿ06?." 8? - +*0 2+8 120+*4 (ʿ*+"". - ʿ4 " ʿ
90*6 . - 5 .060 - 66 6ʿ(0 20""2 +8ʿ #ʿ*14+ ʿ3+ .0ʿ *60 4 +ʿ * - 8ʿ5 R+"1 .ʿ06ʿ0/ \ʿ
6 1 .ʿ0 "0ʿ 1"0 6ʿ *40 0"%5ʿ ".21 0ʿ0/03+ 6+ ʿ *60 0.ʿ .4ʿ + 6 + - ʿ2$. *71 - ʿ *+* ‖
, 18ʿ + 50* 1ʿ . * 6 1ʿ0/504. *62 - ʿ4 Rʿ" 60 .8ʿ3+ 2+8ʿ0+ - ʿ40ʿ .*9+ 6 8ʿ *ʿ3+ .8 04 .46 ʿ
0" 06ʿ ,0 6 2 0 - ʿ . ,02.6 ʿ 06ʿ .654" . 0 8ʿ 6 - - 66ʿ50602.6ʿ: .ʿ *6 24+ ,0 "41 - - 40ʿ
- 1* 6 .6 .0/ ,0* 1*0 - ʿ0* ʿ .4ʿU̇ . - . 6. - ʿ5 .9+ ʿ +"6 .ʿ + .8ʿ . 67 .9 * 8ʿ . ʿ
40*4 .6 ʿ 6 .ʿ *ʿ 0ʿ .2ʿ0 +8ʿ 0*60*6". ʿ(*290 .ʿ4 , 05 .2 .6ʿ3+ʿ1 * *0ʿ .+/ " + - ʿ 0ʿ
+ - ʿ 1 0ʿ0/ 6 - .2.6ʿ *+"". - 3+0ʿ 0<+8ʿ *ʿ . ,0 *ʿ *6 14+ ,0*4ʿ; . - ʿ ." . - ʿ 0ʿ : 40 1ʿ
4 ,02.6ʿ3+ . - ʿ ʿ + 6 +8ʿ + - ʿ616.ʿ ,". 4ʿ .4 :0* 06ʿ06ʿ ,+ - ‖71 6 2+8ʿ3+1 + - ʿ: 0 8ʿ
72*ʿ5. + - ʿ60 0 6 .ʿ5 10 .ʿ - - *66 "0*6 ʿ40ʿ"+ . - .ʿ 06+ - ʿ40 ,0 70 06ʿ *ʿ7 8ʿ50 ʿ ʿ
0 0*4 8ʿ)60 8ʿ*1*ʿ - *+8ʿ".21 8ʿ + 6ʿ , .57. ʿ3+ .0ʿ 2.<+"+7.ʿ:070 06ʿ: /71 - *+ - ʿ
7+ - 0 8ʿ5 4ʿ6 .ʿ "" .ʿ5. "++ - ʿ1*+8ʿ +20+*6 + - ʿ90 6.6. ʿ % . *40 - ʿ" 60 .0ʿ * ,1"+ - 08ʿ
$. *71 - ʿ + 6 1ʿ 044 6.0ʿ +)6ʿ3+ 2+8ʿ *ʿ ,1* , " 1ʿ 0,"6.6 8ʿ: . .0ʿ4 4 .0ʿ 0*60*6 .0ʿ
,+ - ʿ*1*ʿ5". ,0 06ʿ(0 20""1* ʿ ,2* " + - ʿ50ʿ . - . 6. - ʿ 60 ʿ + .40*6 8ʿ06ʿ20""ʿ4+ ,08ʿ
4 ,0 0*6ʿ0+ - ʿ"1, + - ʿ *1*ʿ - *+8ʿ .ʿ 6.9*1ʿ: 5. "++* ʿ, 1ʿ .20 60< .63+0ʿ *60 ,040 0ʿ
I5+ 18ʿ . ,ʿ5.60*60 8ʿ , . - 518ʿ 50 ʿ3+18ʿ 60 ʿ . , 0*608ʿ 7 6 . * .0ʿ(15 .0ʿ0/ 9+ .0ʿ: /ʿ
0 .6ʿ+6ʿ03+0 6 0 *ʿ .+ 1 + - ʿ03+ 6+ - ʿ5 1 ,0"". - ʿ: 6. 0ʿ .+6ʿ + 6 *0 0ʿ51 "0*6ʿ 6.3+0ʿ
,1* +"6 +8ʿ; + * ʿ+6ʿ50ʿ . / + - ʿ +2 4 .ʿ12 0 " 8ʿ0. *6ʿ< 5 1503+ ,ʿ .ʿ - +* 6 1*0ʿ%+ ʿ
706. * .ʿ,1* 4. *6ʿ+2 : .""2ʿ0/ , 6.61ʿ -) * 6ʿ *ʿ1, , . 1*0 - ʿ . , 8ʿ *06. *4 .0ʿ *60*6ʿ 7 ʿ
" ʿ:0"ʿ ,+ ʿ4 ", - *0ʿ5 10" ʿ ."0.0 - ʿ"+20+*4 . * ʿ516 +8ʿ3+ . - ʿ*1*ʿ 50 - ʿ12 0""""8ʿ
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6 . - ʿ4 / 6ʿ ,+* ʿ A66ʿ0/504* 8ʿ6 0 - 2+80 05. *+ - ʿ5 1 , , ʿ 2 3+0ʿ,1* " + - ʿ
3+14ʿ 08ʿ06ʿ60 - 5+8ʿ4" 3+ ;0ʿ6. +8ʿ *4&+8ʿ0/2 6+8ʿ404 46ʿ, .50 0ʿ .4 .3+0ʿ4 4 8ʿ ,1* ʿ
6 *+ . *8ʿ$ 05. + - ʿ 60 ʿ4 9 6ʿ (04ʿ , + - ʿ0<+8ʿ +2 4 + - ʿ + 6ʿ%+ 8ʿ *60 0. ʿ , 6+ʿ
08ʿ + 3+0ʿ .4ʿ: ʿ 4ʿ(056ʿ *ʿ150 2+8ʿ" 91* 8ʿ06ʿ *ʿ3+ .6 0*4 .ʿ . ,0ʿ + "0*6ʿ .4ʿ5 ʿ
67+ - ʿ 2 8ʿ1 6+ - ʿ .4ʿ555+97 .6 0 - ʿ 0ʿ01 *5. . *6 2+8ʿ ,+<+80/ 6+8ʿ 8ʿ + 6ʿ, - ʿ6 2+8
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"1, 8ˢ : 8ˢ .4.ˢ +/"%06ˢ< 06 . ,+* ,+"1ˢ 9*0 - .4ˢ5 15+9*.,."+ -ˢ (0 20""1*+ -ˢ ,1*ˢE &ˢ
, 5 0*60ˢ +6ˢ%+ 4ˢ51 6ˢ., 0ˢ,0 6.*<0*ˢ.2ˢ.+ 1 .ˢ.4ˢ - 0 4 0 -ˢ,1*6<*+.6+ -ˢ51 6 0 - 1 ,+8ˢ ˢ
05+" ˢ *6ˢ< 3+1ˢ +, ,0 "+ˢ,1* - .6ˢ 12 0 "ˢ5. ˢ: 6+60ˢ &A ˢ 0<+ 40 -ˢ - 0* 8ˢ15ˢ
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,+" 8ˢ +50 0"" 0*6ˢ "3+ 8ˢ.4ˢ6 ˢ."."06ˢ - + + -ˢ *9+" 8ˢ *60 <04+ -ˢ1,, 5.6 8ˢ 06ˢ
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- 04 1ˢ.990 0ˢ0/ˢ0.40 -ˢ60 .ˢ090 61ˢ.ˢ%3 , 8ˢ*1 6 ˢ4 8<+*902.*6+ < 0/60*+.613+,ˢ
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5 155 0ˢ.,,+ 6ˢ06ˢ0.40 -ˢ: 6+60ˢ + - 50*60 8ˢ71 608ˢ.:0 6 6ˢ 4.,1ˢ 1 4ˢ06ˢ *B
61* 1ˢ%. "2ˢ,+ -ˢ ." 3+16ˢ 5.* 8ˢ06ˢ 6." 8ˢ - " 6 2+8ˢ 09 09 . -ˢ$50 . -ˢ*.:.*6 2+8 ˢ
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1 08ˢ +50 .6 8ˢ.990 2+8ˢ4 6+ 2.:0 +*6ˢ ,+ -ˢ 0 +8ˢ.+/ ".ˢ .4:0* 0*6ˢ (, 20""1*+8ˢ
.2ˢ1* * 2 8ˢ40 0 6+Iˢ06ˢ 5 0ˢ,.56+8ˢ0 6ˢ3+ˢ5 1560 ˢ0+ -ˢ0:0*6+ -ˢ *60ˢ5 1 50 .ˢ4+/ 6ˢ
" ˢ,. + -ˢ5 4 0ˢ ,"15506ˢ 4+ˢ1,, 6ˢ3+0 *ˢ50 1551 6+*.ˢ - 1 8ˢ - - *0*6ˢ,".4ˢ0/?
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0 56. -ˢ .40* 0ˢ 0, 6ˢ; - -ˢ.,ˢ" 20 6.60 -ˢ 2ˢ.,ˢ + 8ˢ5.4+8ˢ (04ˢ71 - 1ˢ:. 0ˢ5+B
40*4.ˢ,.: "".6 1*0 40 - 4.6. -ˢ0"+ 6 ˢ6.*6+ -ˢ4 - 8ˢ,060 8ˢ3+ˢ,,ˢ. - 5" +8ˢ0 .*6ˢ
+2<+9+ -ˢ.4 8<ˢ3+18ˢ51 6ˢ,.5<. - . ,0 -ˢ<. -ˢ - .*, 5 .ˢ +.ˢ0 0418ˢ *ˢ * +". -ˢ,1*ˢ
+9 0ˢ*03+0ˢ5. 4 8ˢ,5 - 5 070* 18ˢ. 02.6ˢ $.9.*+8ˢ + .ˢ 0" 6.*ˢ5 *, 5 8ˢ .ˢ
606ˢ 04ˢ4" 5+ˢ *1 2+8ˢ5+ -ˢ1*6 ,1ˢ - 1 21ˢ,1 056+8ˢ7+0ˢ,1*,0 " 06ˢ,19* 61ˢ40ˢ
04 6 1*0ˢ.9 ˢA h .+ 1 + -ˢ3+. -ˢ%+ ,1 + -ˢ 40ˢ ."+60 -ˢ,1 - - 660 0ˢ - ."+ 6ˢ 3+ˢ.,ˢ
,0561ˢ5 06 1ˢ 06ˢ - .<1 5ˢ5 1 - %1ˢ - 0 - + -ˢ<+:0*0 -ˢ126 +*,. +*6ˢ ,.5+63+0ˢ.ˢ
,0 : ,0ˢ 0, + -ˢ5+ 5+ .65ˢ *90*6 8ˢ * 6.ˢ - +*0 8ˢ406+"0 +*6ˢ 6.ˢ " 5.*ˢ51 6%0 " 1*0ˢ
,.0ˢ40<04ˢ *6 .ˢ///; ˢ4 0 -ˢ. - "%.ˢ50ˢ + - - . -ˢ 9*.: . -ˢE+"06.*.ˢ. ,0 3+. -
. 1"+8ˢ +9+ 6+8ˢ556 - 3ˢ,1* " 1ˢ *ˢ . 67.9 * 0* 8ˢ53 6+8ˢ .+, 2+8ˢ1" -ˢ0/ 6 +/0ˢ
.6ˢ+6ˢ 0,+ 6.6ˢ(, " .0ˢ 09*ˢ 0.51" 6.*ˢ656 + 3+0ˢ6+ *ˢ 6." .0ˢ6+ *ˢ 5.* .0ˢ05*ˢ
+"0 06ˢ $1 65,. 0 + -ˢ. + , 8ˢ 1" , 6.6+ -ˢ3+ 4. -ˢ4 /0 0ˢ< ;5 3+0ˢ 09*+ -ˢ5 1ˢ
4 6 1* 8ˢ5 .0 - + -ˢ5 1 - 6+6 ? 5 7 5*0 -ˢ.+/ 6ˢ3+14ˢ, ˢ:060 .*18 - "608ˢ 6."18ˢ
.% 20 1ˢˢ .*, .6 1ˢ (0.51" 6 - 1ˢ12".618ˢ50ˢ *", 6 . -ˢ 0+ˢ 50 2 . -ˢ.4 - 660 0ˢ*1ˢ
"+ 6N4+ -ˢ - * - 0ˢ,1 * - "+ + -ˢ 0ˢ4 ,0 06ˢ+6ˢ *ˢ0<+8ˢ9"1 .8ˢ5. 60 -ˢ:0* 0*6ˢ 6."
6ˢ" +. - 5.*ˢE+"06.ˢ40 0*40*4.ˢ,1* 0,+6+ ˢ0" 0*6ˢ $1 60.ˢ6. - 0*ˢ404 6 6 1ˢ - * - 0ˢ
5050 ,0 0%+ ,ˢ 04ˢ01ˢ.4ˢ"+4 2 + -ˢ5 1ˢ: "ˢ - .*, 5 1ˢ+ 6ˢ +*6 ? 0,126 04.6 1*0ˢ12ˢ
0+ -ˢ +,,0 + -ˢ.5+4ˢ$7 "55)< -ˢ,. + 6ˢ + 6 +8ˢ 3+ 550ˢ3+ˢ *60 - 50 6 :.ˢ7.,ˢ0/504 ˢ
6 1*0ˢ5160*6 - + -ˢ71 60 -ˢ 6. "0ˢ4 ,0 06+ ˢ3+ 06+ + -ˢ *03+0ˢ E+"06. -ˢ155+9ˢ
.6+ + -ˢ .2ˢ0/ 00 5*0ˢ *ˢ ,. -ˢ.**1ˢ 650 1 0ˢ.2 6 *+ "06ˢ +<+8ˢ.+60 -ˢ,/ˢ
504 6 1* 8ˢ0ˢ. 41 0 -ˢ + 0ˢ 0 +*6ˢ ˢA1.**0 -ˢ.ˢ(161ˢ3+0 *ˢ8 140 ,ˢE5 - 0C ˢ !)ˢ
:.0ˢ3+ˢ *ˢ9 .6 .ˢ 09 8ˢ +ˢ5 .051""02.6ˢ,1 - - 0*4.6 1*0ˢ + 6 1ˢ+6ˢ 5 ˢ.ˢ 0, 06 8ˢ
05 65" 8ˢ0 "06ˢ *ˢE .*.60 ˢ20""1ˢ06ˢ55 60.ˢ 1040 ˢ,1*6 .ˢ%+ ,18ˢ * 6ˢ*0916 3ˢ$7 ˢ
" 55+8ˢ.66 2+0 .6ˢ 8ˢ *90*6ˢ.* - 1ˢ06ˢ 35 .ˢ,1*4 6 1*0 -ˢ0".61ˢ + 2, ˢ50ˢ 0ˢ 0, ˢ
.,ˢ *09" 9676 8ˢ *90* + -ˢ 0/, 6.6 8ˢ ." 0*.0ˢ 9"1 .8ˢ *03+0ˢ ,+ -ˢ 5"2ˢ *.6.0ˢ 9* ,+" 8ˢ
ˢ ˢ ˢ * ". - - .2.6

ˢ % ˢ%ˢ ˢ ˢ$ˢ B ˢ ˢ # ˢ > .ˢ* $ˢ ˢ ˢ ˢ ˢ D ˢ B
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& ʿ ". - - .2.6ʿ 06ʿ .4ʿ +* - .ʿ3+.03+0ʿ .4ʿ36 .0ʿ516 +8ʿ 1 6+*.ʿ3+. -ʿ *.6+ ." 8ʿ - 506+8ʿ
' # ʿ " ʿ0+ -ʿ .5 02.6ʿ ,.50 0*4.ʿ *, 6.2.6ʿ %6.3+0ʿ <+ :0*ʿ 50 . 0 .6ʿ +6.4ʿ %+*06.*+ -ʿ
096 + - ʿ3+14ʿ 09 8ʿ .6 8ʿ 20*0 , 1ʿ 4060 6.*4.0ʿ +50 6 6 1*ʿ .44 6+8ʿ 5 *,058ʿ 60ʿ
02.6ʿ . - + -ʿ *4+,0 06ʿ 3+ 4ʿ , 6 .ʿ 5.* 0* 8ʿ - 50 ʿ - - *+6 1*0 -ʿ 6.*3+. -ʿ
+ 8ʿ - 0 6 8ʿ402 6+ -ʿ <+ 0ʿ 50 . 0ʿ51 06ʿ 06ʿ6. - 0*ʿ +6ʿ 08ʿ, 6 .ʿ. - 2 6 1* 8ʿ +"5 , 1*,*ʿ
6 .* "90 06+ ʿ ,ʿ,0 02.6ʿ,1* " . +8ʿ ""0 51*6 ,0 - ,+<+8ʿ - ./ - .ʿ.5+4$7 " 55+ ʿV
.+ 61 6.8ʿ0 "06ʿ."R9. ʿ4020 0 3+ ʿ*1*ʿ6.*3+. -ʿ .2ʿ + 6 1 19.6+8ʿ%04ʿ 1".ʿ21*ʿ.4ʿ
0 -ʿ 7 6 .*. -ʿ 04+*4.6+ ʿ,1*60 - 5".6 1*0ʿ0. *ʿ9 .6 . -ʿ.ʿ$7 " 551ʿ5060 06ʿ 43+0ʿ
+6ʿ51*6 ,ʿ5, +.40 06) ʿ 5 0ʿ *ʿ 0ʿ1*+8ʿ + ,050 .6ʿ06ʿ0.ʿ40ʿ,.+ .ʿ 1 - . -ʿ5 1 0 6+8ʿ
,". -ʿ ,+ -ʿ51*6 ,0ʿ 090 .6ʿ5 13+0ʿ 0*ʿ ,1*33 " 6 8ʿ. 6 , 1 0ʿ .6 1 +2+8ʿ 0,0*6ʿ.4ʿ
7 ,ʿ: 41 .0ʿ .5 4# ,7 *.4.8ʿ5. 6.0ʿ - 0 - 1 .ʿ ., "0ʿ 50 +. 0 .6ʿ +6ʿ $7 " 551ʿ 09*ʿ
"" +8ʿ 20*0 6 . ʿ + 6 1ʿ .6 ʿ4.*4ʿ.+41ʿ0 06ʿ 9 6+ ʿ21*+8ʿ: ʿ *ʿ5 06.6 8ʿ0/0 ʿ
, 6 8ʿ526 +8ʿ 3+. -ʿ *ʿ 09*1 + -ʿ, : "ʿ.4 - * 6 .6 1*0ʿ:0 .6+8ʿ 3+ʿ 9*1 . 06ʿ 3+.* ʿ
6+ *ʿ * 1" 6.0ʿ 6 + - 14ʿ5 1/ - 1 + -ʿ506 6 1*08ʿ5 *, 5 2+8ʿ + 504.0ʿ *6ʿ50ʿ ,1ʿ
".+ -ʿ - .*06+ -ʿ05 ,15+ -ʿ$.6.; *+ -ʿ06ʿ1 .61 0*ʿ *ʿ 5.* .ʿ ++ -ʿ1 , 1ʿ40B
+*4+8ʿ 0 6ʿ ,+ -ʿ<. -ʿ0/504 6 1ʿ *ʿ /Q ,. -ʿ51 6ʿ 1"+6+ -ʿ 104+8ʿ.ʿ$7 " 551ʿ40, 06.ʿ
0 "06ʿ4.6 8ʿ * +50ʿ + 6 1ʿ - . 4.6 8ʿ+6ʿ%+*08ʿ+ 28ʿ ʿ,.50 06+ ʿ5 16 *+8ʿ12ʿ0. 40 - ʿ
5 1560ʿ 3+.8ʿ .*60.ʿ ʿ 57 14 " + - ʿ, .+ 8ʿ .ʿ +*4. - 0*6 8ʿ 4 +0 06+*ʿ 6ʿ $7 " 55+8ʿ
.* - ʿ. / +8ʿ 3+ʿ06ʿ51*6 ,ʿ9 .6 ",. ʿ,+50 06ʿ *03+0ʿ .6 0 -ʿ *60 - 50 6 :.ʿ 05+"ʿ.ʿ
.ʿ 0ʿ." 0*. 0ʿ:0""0 ʿ".+4.61ʿ51*6 , 8ʿ *ʿ .6 0 -ʿ.,ʿ 0ʿ 6+4 1ʿ06ʿ9 .6 8ʿ5 1ʿ6. *ʿ5 1ʿ
50 .ʿ *ʿ+6 + .3+0ʿ:1"+*6.60ʿ.4 8ʿ. - 2 9+1ʿ 0 51* 1ʿ06ʿ *ʿ60 - 5+8ʿ +,00 "+8ʿ + 50* 2ʿ
51 6+".6.ʿ0<+8ʿ + 6 .6+8ʿ0 6ʿ *0,ʿ - 04 1, 60ʿ12ʿ 4ʿ .6 ʿ +,,0* + 6ʿ (,ʿ0* -ʿ *60 ʿ
5 06.2.6+ < .6 0 -ʿ *1*ʿ *ʿ%+*06.*1ʿ 09*1ʿ - - 14 , .0ʿ. - 2 6 1*ʿ - 14+ -ʿ .4+ʿ
+ *ʿ 04ʿ 4ʿ0ʿ,1* "" + -ʿ0 "0.+6ʿ.2ʿ. - , 8ʿ4. ʿ+6ʿ60*6.6.ʿ50ʿ0. *ʿ506 6 1*0 -ʿ 5 +8ʿ
5.6 0*6 .ʿ.4ʿ - .<1 .ʿ40 *,058ʿ.+40*4.ʿ 2ʿ: . -ʿ 60 *0 06ʿ 3+0 *ʿ6. - 0*ʿ<+ 6+ -ʿ41"1
0 *ʿ + - - .ʿ *ʿ5 .0 0*8ʿ4 " - +".6 1*0ʿ5 0 6ʿ +/ 6ʿ *4 9*.6 1*0 -ʿ1, ,+"6. - ʿ3+14ʿ
.56.ʿ+ 20ʿ*1*ʿ0. *ʿ 6,+6ʿ<+ "+8ʿ0 .6ʿ4 +0 6ʿ< 04ʿ*1:. -ʿ - +* 6 1*0 -ʿ.4ʿ "". 7ʿ 0 ʿ
:.*4. -ʿ0/ 6 + ʿ<+ "0 6ʿ,1*,0 ".ʿ *60 -ʿ - " 6ʿ5 .04. 3+.0ʿ 5 +8ʿ,1 - - 141ʿ,040 ,ʿ
40202.6ʿ + 504.5 1 +8ʿ" 20 ." 6.60ʿ G+14ʿ *ʿ,.+ .ʿ + ʿ+6 6.6 -ʿA1.**08ʿ.ʿ (161ʿ
50, 0ʿ. - 5" 1 8ʿ 4 9* 6.6 8ʿ*. -ʿ .**1*.0ʿ5 .0 04+8ʿ, 0.6+8ʿ0 6ʿ .2ʿ + 6 ʿ".60 0ʿ 0 ʿ
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,1* ".ʿ1, ,+"6.ʿ + 6 ʿ.,ʿ0<+8ʿ,1* " . 1 + -ʿ40604.ʿ +0 .*6ʿ +2 6 6+ 6+ ʿ &0 + -ʿ
,+ *ʿ 8ʿ51 60.ʿ *90* 1ʿ50 *40ʿ.4ʿ:.* 6.60 -ʿ0".61ʿ *1*ʿ - *1 08ʿ 9* ,+"18ʿ.4ʿ *,0*ʿ
40*4. -ʿ + 6 ʿ61 50 ,0*60 -ʿ. - 2 6 1*0 *ʿ +2<0, "06ʿ - +6.6. -ʿ50 1*. -ʿ*1*ʿ,1*ʿ
".ʿ *60 6+ 2.6.ʿ.55. + 6ʿ: 1"0*6 1 .3+0ʿ 0 - 04 .ʿ.4:0 +8ʿ<. -ʿ,1* * .6+ -ʿ - ."+ -ʿ
.47 20 ʿ*0,0 "0ʿ + 6ʿ ,+6ʿ40 *,058ʿ: 402 - +(ʿ) 2ʿ40ʿ * 0" ,ʿ +, ,0 "+ʿ *ʿ) 20 .ʿ
."".6+ -ʿ0 6ʿ 6.6 -ʿ4 40 + -ʿ$. 3+ ""ʿ*1 - *0ʿ 5. + - ʿ3+1ʿE+"06.0ʿ06ʿ 09*ʿ%+*0ʿ
6.*ʿ. - ʿ,+"5.ʿ *ʿ514.9 . -ʿ ʿ(+0 ".*ʿ4+, 8ʿ *ʿ + 6 57.0 60 + - ʿ71,ʿ06d
*09" 90*6 . - ʿ *ʿ, . 4 *. 8E .*:0"".* 0.51" 6.*ʿ: ,. ʿ +2" 9. 71,ʿ0 6 " 2 4 *08ʿ
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*ʿ2 0*60 -ʿ50 0/ 6ʿ 1* 6.*6 *151" -ʿ6 + - 57.*6ʿ 7 " 8ʿ,+ -ʿ5 .04.ʿ06,.56 : 8ʿ
*9 0 "+8ʿ *ʿ 6 *0 0ʿ.4ʿ8ʿ 1 ,; . -ʿ0/ ,0* 1*0 -ʿ 0, 6ʿ * +". -ʿ06 . -ʿ60*6.6+ +8ʿ
+2 * +".* ʿ *<+ 8%+ ,1 + -ʿ71* 1"+ - . - 0*6.ʿ069 0908ʿ .5 0*6 + -ʿ 04ʿ,.5 6.ʿ
7+ - .*.ʿ *ʿ 0 : 6+60 -ʿ.24+,0*6 +*.ʿ 6.6 ʿ. - .ʿ,1 5+0 0< 3+1 4.*ʿ06 . -ʿ - ."0ʿ
- +"4. +*6ʿ %+ *ʿ - ".ʿ.ʿ5 .0 041ʿ&0*061ʿ40ʿ *1 0ʿ - +*0 .ʿ3+.0ʿ71 - 1ʿ 0,0*6ʿ
: 41 .ʿ* ".6+8ʿ06ʿ *<+ .ʿ+6ʿ. 02.6ʿ515+ . + -ʿ0/.,0 2.6+8ʿ(- *ʿ0/,+ .6 1*0ʿ 0 ʿ
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1 ,; . -ˁ 5 . -ˁ .+6 D 06. -ˁ .99 04ˁ *ˁ .* - 1ˁ7 .20 06ˁ 6.3+0ˁ50ˁ1 .64 08ˁ&0ˁ &ˁ
*0618ˁ: /ˁ6.*40 -ˁ (0" - 6 8ˁ5"., .6+8 + 6ˁ06 .2ˁ01ˁ 5506 .6.ˁ - .74.6.ˁ+6 ,1*6 1:0 8 ,+8ˁ" ˁ
40 A.40 0*ˁ 60 61 1ˁ3+14ˁ ,1*6 *+ 8ˁ5 .04 8ˁ%+ ,ˁ+ 3+0ˁ.4ˁ - 0* .ˁ+ 2 8ˁ3+4ˁ
ˁ6 4 0ˁ0/,+ 0*608ˁ * 0 6.2.*6ˁ *8 - 51*0 06+ ˁ "%+8?12ˁ 4ˁ(1 6 .ˁ$."". : 0 *48ˁ
,ˁ + 6 8 - .<1 8ˁ- . ,7 1ˁ,+ -ˁA+" 1ˁ ˁ(. ;1 - . *1ˁ06 1 0"1ˁ .". 2 1ˁ3+ˁ5 .0."6. -ˁ
1 ,; .0ˁ. ,0 -ˁ "+ 6 . 0*6ˁ06*1; 8ˁ250 2+861*66.ˁ: -ˁ71 6 "0 -ˁ - +* 0*6
ˁ 5 # ˁ01ˁ60 - 51 0ˁ *ˁ ,.ˁ.ˁ 7 6 .* 8ˁ.2,056+ -ˁ 1 6+*.ˁ"1*90ˁ4 ˁ
:0 1ˁ *60 . + -ˁ6 . 6+ˁ*1:.ˁ,".40ˁ,+ - +".: 6ˁ <+8ˁ,. .8ˁ."6 +8ˁ 05060 - +8ˁ 40ˁ5 1ˁ
: , .ˁ06 . -ˁ5.+,.ˁ5 .0 .6ˁ 0ˁ$.**1 8ˁ06 09*1? +*9. .0ˁ +50 1 2+8ˁ"2 8ˁ
4 / - +8ˁ) 2 U%. . +*+ -ˁ:0*0 8ˁ.63+0ˁ.401ˁ5). ˁ51*6 8ˁ .*+2 1ˁ.ˁ% .<.*1ˁ1" -ˁ
- 51 6ˁ3+.0ˁ / / ˁ<+/6.ˁˁ(0:0 *+ -ˁ155 < -ˁ714 0ˁ +50 +*6ˁ6 .*8 *12 " " ˁ
- + -ˁ + 15.0ˁ +: + -ˁ?$., .ˁ+6 .3+0ˁ 51 9 6+ ˁ - 04 60 .*0.ˁ06 50* 8ˁ3+.0ˁ
ˁ . - 2.0ˁ5 1ˁ" - 6 2+8ˁ7.20*6ˁn% 2 ,+ -ˁ06ˁ _ˁA.C;908ˁ.2ˁ1,, . +ˁ.ˁ 0560*6 1*0ˁ(. ?
ˁ- .6 .8ˁ . 6. *.8ˁ0 6# . 5.6+ -ˁ5 1 60 -ˁ.2ˁ1 6+ˁ ˁ 1/2". 18ˁ06ˁ 0 . + -ˁ"+: +6*ˁ
.ˁ- 0 4 0ˁ .*+2 + -ˁ 18ˁ0* -ˁ60 - *18ˁ51*+*6ˁ06 "ˁ$61"0 - .0+8ˁ06ˁA1 *.*4,8ˁ
7 8ˁ 09 1* 2+8ˁ 5 0ˁ1 +*4+8ˁ *ˁ."60 .ˁ .*+2 ˁ 5.ˁ 10 .ˁ0 6Nˁ3+. -ˁ(.:+8ˁ +5 .
L ." - .6 . -ˁ . ,041* . -ˁ06ˁ%7 . , . -ˁ *ˁ .*+2 + -ˁ 5 + -ˁ *, 40*8ˁ.ˁ$.**1* 8ˁ4ˁ
- 6ˁ 7.206 .ˁ 0560*6 1*0ˁ .*+2 + -ˁ .2ˁ1 6+ˁ(.:+ -ˁ06ˁ ." - .6 . -ˁ ˁ .0 - + -ˁ
- 1*60 -ˁ.ˁ- 0 4 0ˁ3+ˁ *ˁ1 0*60 -ˁ "040*8ˁ.4$.*; ˁ. ** 8ˁ * D +/ *+ -ˁ$1*6+ - ˁ
0ˁ,/1*0 .*6 8ˁ .+,08ˁ<+/6.ˁ(. 5041* . -ˁ40 * 6ˁ'3+.ˁ5. 60ˁ *. 0ˁ 5 + -ˁ5 1ˁ" - 60.4ˁ
1 6+ -ˁ7.206ˁ .ˁ *ˁ * 0 5 0 -ˁ06ˁ +50 1 0 -ˁ.2ˁ.*6 3+ 8ˁ4 : .% . .""18ˁ.,ˁ . ˁ
4.*18 +2 0ˁ. - 5"0402.6+ ' . , .ˁ06ˁ51 60.ˁ4 4.ˁ51 63+. ˁ + 0" .*+8ˁ - 50 .61 ˁ
+6 *3+ 6ˁ +6 15 +8ˁ5 1: *, . -ˁ . , . -ˁ *ˁ 10 .ˁ,1""1, .: 6ˁ *ˁ40/6 .ˁ .*+2 1ˁ *ˁ
- . 0ˁ "+0*6ˁ,+ - .*60ˁ *ˁ".0:.ˁ+ 06ˁ0. - 3+0ˁ40ˁ +1ˁ*1 - 20ˁ + 0" .*. -ˁ:1, .: 6
14 0ˁ *ˁ0.ˁ +"9. ˁ + *6ˁ (04ˁ40ˁ:0 . . , .ˁ*+*,ˁ*12 8ˁ 0 - 1ˁ06ˁ40ˁ - 04 60 .*0.ˁ
3+ 40 -ˁ3+.0ˁ 714 0ˁ% .* ":.* .4 , 6+ ˁ06% 2 ,1ˁ06] "+6.ˁ.2ˁ1, , . +ˁ06ˁ1 6+ˁ *ˁ
670.6 ˁ 50, 0 -ˁ - 1*6 2+8ˁ06ˁ ": 8ˁ+*4 3+0ˁ, *4.ˁ60 - *.6+ ˁ.2+*40ˁ." .8ˁ4 / - 6 8
% . "". -ˁ h .". ,7 .ˁ .,ˁ5 1 *40ˁ% * ."5 *.ˁ4 4.ˁ1 6+ -ˁ: 0 +8ˁ06ˁ 0560*6 1*0 -ˁ
, / ,+ 6k ,+<+8ˁ 09 .ˁ714 0ˁ, 6ˁˁ%0 91: 6 .ˁ :0%. *1: .&ˁ. ". , ,1ˁ3+14. -ˁ5 .0?
61 0ˁ 1 *.*1ˁ+6ˁ *4 90 .0ˁ:1"+*6ˁ 6.ˁ .550"".6.ˁ 40 - 3+0ˁ15 * 1*ˁ:+"9. 0ˁ.4ˁ
6 ++*6ˁ3+14ˁ - +"6 8ˁ0/ˁ" *9+.ˁ 1 - .*.ˁ4061 6 8ˁ:1, 2+8ˁ + 3+0ˁ .47+,ˁ *ˁ0.ˁ 09 1*0ˁ
+6+*6+ ˁ +<+8ˁ" - 608ˁ +*6ˁ.2ˁ1, , . +ˁ "+6. ˁ.ˁ 0560*6 1*0ˁ06ˁ1 6+ˁ 0 . +8ˁ3+ˁ
714 0ˁ$ + 6+8ˁ,+ ; .61ˁ "0/+ˁ *ˁ .*+2 + -ˁ *(+0*8ˁ * +". -ˁ .+, 2+8ˁ + 8ˁ0" , 6ˁ< +"6 .ˁ
3+. -ˁ51 9 6+ˁ 0560*6 1*0 -ˁ:0 +8ˁ 1"4. : .ˁ ˁ - "" . + -ˁ"1*9 6+4 *0ˁ06ˁ5 .ˁ
.*6 3+.0ˁ . , .0ˁ5. 8ˁ *ˁ3+. ˁE06.0ˁ0 .*6ˁ : 4 .*ˁ0/ ")ˁ 0408ˁ3+. -ˁ%; .8ˁ3+ˁ
714Rˁ 0 60 ˁ * .ˁ + % .0ˁ$1 1* , .0ˁ06ˁ$141" .0ˁ *48ˁ.2ˁ0.ˁ5. 60ˁ,". +4 6ˁ .2ˁ1 6+ˁ
$1*6+8ˁ / *+8ˁ< .ˁ- 0 4 0ˁ 0 . +8ˁ' .2ˁ1, , . +ˁh .". ,7 .ˁ5 .ˁ ,4 . -ˁ *60 0, .6ˁ
1"4. : . 0% .*" ": .* .0ˁ- 1*6 2+8 5.+"1ˁ * .ˁ 0 . ˁ1 6608ˁ1 6+8ˁ. ** 8ˁ3+ˁ5 1ˁ
: *4.0ˁ4.6ˁ*1 - 0*ˁ06ˁ ˁ(1,C. : . -ˁ3+.0ˁ0 6ˁ? 0 516. + -ˁ 0408ˁ5 .060 "+ 6ˁ06ˁ *40ˁ
.5 44ˁ,+ +ˁVˁ 1 * . -ˁ 120* . -ˁ 69 . - 3+0ˁ5. :18ˁ04ˁ50 0**0 8ˁ. - *0 8ˁ 0, + -ˁ
6 .70*8ˁ *ˁ "+6. -ˁ0 J+*4 6+ˁˁ3+ˁ51 60.ˁ .*+2 1ˁ<+/6.ˁ 5ˁ ,151" -ˁ0/, 5 6+<
.0ˁ5 1: *, . ,;ˁ3+.0ˁE7 6 .*.ˁ. , .ˁ 04ˁ 0,+*4+ -ˁE .0,1 + -ˁ 6+8ˁ,1"+*6ˁ1" -ˁ
ˁ ? ˁ ?? ˁ f +*9. ,

% $ (ˁ ˁ ˁ ˁ ˁ ˁ + 6 I ˁ ˁ
ˁ :ˁ% ˁ ˁ / ˁ W D( ]A & ˁ 0 #ˁ / ˁ " $ˁ 4 'ˁ Vˁ4 # ˁ
[ˁ ˁ ˁ ˁ] ˁ U ˁ C*$, $ˁ 6ˁ ˁ, ˁ ˁ+ .# 6
:ˁ(,)$ R 521 ! 2 8 ! ˁ - /$. ˁ%+ , 8
ˁ K " =" +'(&" '3 3+) (" !"=< 13>')3- ˁ +*9. ˁ>3 2=)")" , ˁ' 6ˁ, &#ˁ 6)
=" >3 >3 *" '3 3 ">35 C23(3= !=""% 9 G1D "((ˁ 4
ˁ" ˁ 4 ˁ ˁ 0 1*6 .0 - +8 05. 0". +"9. 040". 1 - .* 0
$ I * ˁ 4 ˁ5ˁ ˁ
ˁ5ˁ a 4ˁ $ 4

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& ʿ +*9. , ʿ - 50 ʿ20*0 , . .0ʿ.63+0ʿ.401ʿ6 2 6. .0ʿ0 .*6ʿʿ*+*,<+ 8% , , ʿ +*6ʿ
ʿ # ʿ ʿ51 63+. -ʿ .7+ - 0608ʿ 3+ʿʿ ;C. *6 + - ʿ 5 + - ʿ G 6 . *1 + - ʿ +ʿ 1 R*60ʿ - 50 .61 ʿ
+ - ʿ 040 - ʿ *ʿ 5260 6.60 - ʿ 04090 .6ʿ ."" - 1ʿ +*9. .0ʿ06ʿ$1"1* .0ʿ 090ʿ20""1ʿ ʿ . ʿ
.*1 + - 03+ 6+ - 1, ,+5.6 <*03+0ʿ$06 1ʿ6+*, ʿ+6 + 3+0U h .". ,7 .0ʿ40 516.0ʿ". 21 ʿ
.*6ʿ +5506 .8ʿ 0 0*60 0.8ʿ +209 6ʿ. **1ʿ ʿ6 < 2+6G 06 . - ʿ ʿ 4 1ʿ .+ 01 + - ʿ
.**+1ʿ6. *6* - ʿ6+*,ʿ - 51 61ʿ $1 60.ʿ%+ , , 8ʿ - 50 .61 2+8ʿ ; , - ʿ .6 ,1ʿ . ,ʿ
$0 ,1ʿ20""1ʿ1, ,+5.6 8ʿ + +8ʿ h .". ," ʿ 7141ʿ +*9. 8ʿ - 141ʿ$1"1* 85. +, 0?ʿ 04ʿ
". ,0 .61ʿ. ,ʿ5.0*0ʿ5 1 " 9.60ʿ +*9. .0ʿ 09*1ʿ06ʿ 61ʿ. - ʿ$1"1* 8ʿ 1040 %+ 44ʿ - ?ʿ ʿ
50 .61 08ʿ0.8ʿ561: *, .8ʿ .63+0ʿ.401ʿ% .* ":. * . - ʿ6*2+6. .8ʿ , ,0 0ʿ - 51 6 8ʿ5 1ʿ
" 2 4 70ʿ 0+ʿ5.". 6 * 8ʿ 0+: . :14 8;ʿ" 0ʿ5 *, 508ʿ: 1, . *6ʿ ʿ3+ ʿ6 6ʿ +*6ʿ .43 - *0 - ʿ1 ʿ
0* 1* 8ʿ.+6ʿ9 .6 .0.+ . - ʿ .12 " .#71 + - ʿ 515+"1 + ʿ *90* .ʿ06ʿ * 4. ʿ - +"616 08\ʿ
06 . - ʿ - +6. :0 0ʿ" ,+6ʿ5"0* 28ʿ *ʿ 02+8ʿ. **ʿ ʿ1 60*4 - +8ʿ +2" 06ʿ ", / . *4 - *
*ʿ h .". ,7 . .ʿ 0:1, .6+ - ʿ06 ʿ 194. *+ - ʿ " + - ʿ0ʿ *ʿ - 50 + - ʿ +, ,0 " "0ʿ4 / - +8 ʿ
8ʿ0 91ʿ.ʿ(0" - 1ʿ *ʿ5.6 1ʿ5 *, 5.6+ʿ,1* - .6+8ʿ 6.6 - ʿ." 0*1ʿ 0ʿ. * - 1ʿ.ʿ%+ , 8ʿ4 0"
1 60*4 6ʿ + 0056.ʿ 51*60ʿ *$1"1* . - ʿ5 1 04 1*0ʿ06ʿ 41ʿ,+ - ʿ(9 - +*41 +9+ 61ʿ
1040 0ʿ5.4+ 3+0ʿ/ / :ʿ, 1ʿ.+/ " . + - ʿ03+ 6+ - ʿ3+.0ʿ$1"1*1ʿ0/51",0*6ʿ + - - 6ʿ
60 06 06ʿ: , "" - .% - 15+80 06 .201ʿ. , , 50 06< 06 . - ʿ" 20 0ʿ0/ʿh .". ,7 .ʿ *ʿ + . - ʿ
5 1/ - . - ʿ,2 - - 0. *4ʿ06ʿ, 6 .ʿ + 5 , 1*0 - ʿ.+6ʿ 09 .0ʿ - .<0 6.6 8ʿ1 J0* 170 - ʿ - .9B
*.608ʿ *: 0*4ʿ . ,+"6.60 - ʿ - 506 . : 6ʿ0.ʿ - 0*60ʿ" ,+6ʿ 5 0ʿ. 02.6ʿ+6ʿ." 3+. - ʿ6*1 ʿ
2+8ʿ06ʿ 1 - .ʿ5 .0 6. *60 - ʿ: 9 *0 - ʿ *ʿ+/1 0 - ʿ" 2ʿ40" 90 06ʿ3+13+0ʿ4 4 8ʿ - .<1 ʿ
0 - ʿ 40 - ʿ . ,0 06ʿ+*. - ʿ0/ʿ 1 1 2+8ʿE."5. ʿU$. * 0: 1ʿ0/ʿ5 - . .ʿ +" .0ʿ*12 " ʿ
6.60ʿ: 1ʿ0"1, . :0 .6ʿ ."60 . - ʿ 7 61571 1ʿ ʿ(21 1: 1ʿ$06 ʿ . ,1: 0*" 8ʿ5.". 6 * ʿʿ
.6 ʿ,1*<+90 - ʿ4. 0ʿ5 1 - 0 .6ʿ< 0.3+0ʿ 50ʿ(21 1: +8ʿ - .9*1ʿ,1 - 6.6+ʿ06ʿ4. - *1" 8ʿ
+ - 56 2+8ʿ12ʿ3+18ʿ9 .*40ʿ.08ʿ." 0*+ - ʿ,5*6 . / 6ʿ 5 1 04 1*0 - ʿ.4ʿ 194. *+ - ʿ.41 ʿ
. :0 .6ʿp .ʿ3+1ʿ 40"+ +8ʿ4 9.8ʿ +6ʿ5. ʿ0 .6ʿ *<+ .ʿ .8ʿ,1*,05 6ʿ 6ʿ,+ - ʿ 194. *+8ʿ
50ʿ7;0 - 8ʿ60 - 5+8ʿ9 0 6 1ʿ9". , 0ʿ,1*, 060ʿ,+ - ʿ, " 8ʿ+* ʿ3+13+0ʿ06. "60 1ʿ0/ʿ41 ʿ
- 0 6 , 8ʿ *ʿ +" . - ʿ 60ʿ . ,0 06ʿ5 .0 - ".ʿ *.<1 0ʿ,1 - 6+ - ʿ6+ 2.ʿ(21 1; +8ʿ9/ʿ * ʿ
4 8ʿ,+ - ʿ40"04 8ʿ *,1 6. *60 - ʿ1, ,+5.6ʿ06ʿ 4 2+8ʿ." 3+16ʿ * " 4 8ʿ *ʿ,+ 614 . .ʿ4.6ʿ
*1*ʿ5 +8ʿ404 6 6 + - ʿ4 - " +8ʿ3+. - ʿ40ʿ - 50*" 8ʿ0ʿ .6 8 0, "06ʿ 4ʿ.4 - 14+ - ʿ9 . ʿ
: .60ʿ6+" 6ʿ +9+ 6+8ʿ 0/ʿʿ" 60 "3+0ʿ.4ʿ(6 1 1: + - ʿ4.6 8ʿ41"1 , - ʿ - * - 0ʿ4 - +". :<6ʿ
&0 + - ʿ 194. *+8ʿ.4ʿ . - . - 0ʿ - .<1 . ;0 1ʿ 0 - 50ʿ *90*60 - ʿ,+ - ʿ - 12 " .ʿ +1 + - ʿ
90 .ʿ - * - 0ʿ3+ 06+ .ʿ06ʿ0/ʿ .2 0*6 .ʿ" .ʿ1, , . 1*0 - ʿ5 1,+"4+2 1ʿ, .56+ .5 2 ʿ
: 40 06ʿ3+. - ʿ, 6 " - 0ʿ516+ 6ʿ ,+ - ʿ(21 1: 1ʿ6 .* 9 6ʿ40507" 8ʿ5 .0 0*6ʿ50,+* . ʿ
& ʿ ʿ.+ 01 + - ʿ 06ʿ40ʿ,060 .ʿ 40<+ "2 2+8ʿ4.6 8ʿ< *60 ʿ3+18ʿ$. * 0: +8ʿ 40 - ʿ *60 :ʿ
51 + 6ʿ 0,ʿ6. - 0*ʿ6. *6.ʿ 4ʿ,0 0 6.60ʿ 0 ʿ516+ 6ʿ3+ *ʿ + - 1 9ʿ*1*ʿ12 0+ 1ʿ40ʿ - 1 6,ʿ
194. *ʿ 5. 1ʿ06ʿ." 13+ʿ<. - ʿ + 504.ʿ "" +8ʿ.5+4ʿ%+ ,18ʿ 40ʿ12ʿ* - . - ʿ,+ 6ʿ$1B
"1* 8ʿ . - " . 6.60 - ʿ06ʿ 1040 8ʿ0;+"9.6ʿ *: 4 . - ʿ *1: ʿ - 16+8ʿ *ʿ5 1: *, .ʿ0/1 6ʿ
*6ʿ %+ 2. + - 0+5 4 8ʿ4+,0 - ʿ 0ʿ5 .02+ 6ʿA1. **08ʿ" :0ʿ :1* .ʿ" 0ʿ0* - ʿ.5+4ʿ 18ʿ
&1, .2.6+ ʿ 0ʿ (6057. *ʿ1" - ʿ h .". ,71 + - ʿ: . :14.0ʿ " + - ʿ0/ʿ,1*,+2 *.ʿ4 4 6. *8ʿ ʿ
3+. - : 8ʿ." ʿ0+5ʿ$1"1*+ - ʿ06ʿ *ʿ . "2: .ʿ*. 6+ - ʿ . , . *6ʿ ʿ71 - 1ʿ 6X 90*6 8ʿ06ʿ: . ʿ - ʿ
90* ʿA 3+ʿ1" - ʿA1. **ʿ?J "01ʿ5.". 6 *1ʿ +2" *0* ʿ06ʿ 09*ʿ$1"1* , ʿ6 2+*1ʿ *ʿ41 ʿ
- 0 6 ,1ʿ,1 - 6.6+ʿ +0 .6ʿ 166 6.76 *151" - ʿ40 *ʿ5 1 04+8ʿ50ʿ5+ 5+ .618ʿ.4ʿ(0" - ʿ
9 .6 . - ʿ" 2ʿ9 .4+ - 0,0 .6ʿ06ʿ0<0 .6.ʿ 0" 9 1*0ʿ 7 6 . *.ʿ06 . - ʿ, ,+ - 44ʿ 0ʿ5." +8ʿ
. - 5". ʿ. ,ʿ*12 " ʿ - 0 , .6+ .ʿ - .9*. - ʿ" 2ʿ *60 %+ ,18ʿ3+1 + - ʿ 0" 9 1*0 - ʿ5 1 602. ʿ
6+ ʿ .+41 6.60 - ʿ ,170 " . :0 .6ʿ< 6.ʿ+6ʿ3+ - ʿ 194. *+8ʿ "0/ . *4 1ʿ 5.6 ʿ .ʿ(0" - 1ʿ
+ 04+8ʿ0 6ʿ <. - ʿ6+ *ʿ5 *, 5.6+ - ʿ h .". ,7 .0ʿ. - 2 :0 6ʿ .ʿ3+1ʿ60 - 51 0ʿ*1*ʿ40" ,

ʿ ? ʿ ʿ 2". *4 4 8

ʿ ʿ%ʿ ʿ ʿ$ʿ ʿ / ʿ $ʿ.ʿ 6 $ʿ ʿ ʿ ʿ ʿ ʿ) ʿ ʿ(ʿ ʿ
ʿ ʿ ʿ ʿ2ʿ .ʿ ʿI ʿ ʿ % ʿ ʿ4 6 .# ʿ 1 U$ ʿ W ʿ
NB ʿ .+4 0ʿ"0ʿ*1* - 0ʿ,6, ʿ"0ʿ; .ʿ *1 - ʿ0 0 6%U, ʿ I > 0ʿ ʿ ʿ5$ ʿ D. ʿ ʿ

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= ' 6ˁ ˁ ˁ ^+^

2 .*4 6 806 - +7, 2+8ˁ5+ 5+ .618ˁ5 ,5 .*8 494. 6 - ˁ.5+4ˁ - 50 .61 0 -ˁ, - *. ˁ " " "&ˁ
3+. ˁ20*0 , 1 + -ˁ - - 0 - 1 0 -ˁ06ˁ "+/.0ˁ 40 ? 3+ ˁ$1"E*1 - -ˁ . - , 6 .0%+ , , E) (ˁ ?
*1 - * 8ˁ - .<0 6.60 -ˁ51 67.2+ 06ˁ 06ˁ 50 ˁ0<+8ˁ 0 ˁ , .56 : 6.6, -ˁ :0ˁ.2 0*6 . -ˁ.ˁ(0ˁ
" - 1ˁ - 506 . :0 .6ˁ+6ˁ ,1""046 8ˁ,T5 8ˁh .". ,7 .*0ˁ *; .40 06ˁ0/ˁ0.3+0ˁ 194.*+ -ˁ0/ˁ
50""0 06ˁ - .*4.6 8ˁ.4ˁ5 1: *, .0ˁ1 4 *08ˁ4.48ˁ+6 *ˁ0<+8ˁ:0 2.ˁ<+ . 0*6ˁ 4ˁ6. .0*ˁ
* 6 1ˁ - +".60ˁ. 4 + - ˁ *. -ˁ 50, 0ˁ - 0 , .6+ .0# :1* .ˁ *ˁh .". ,7 . -ˁ:0 * 6ˁ06ˁ ,+ -ˁ
. - .ˁ 0ˁ *, 02 , ,0*60ˁ +9+ 6+8ˁ 0/ˁ .5+4ˁ(0" - + -ˁ50ˁ *4 0. -ˁ2ˁ%. *1: + -ˁ0/ˁ
51 6+". 06ˁ(0" 8*+8ˁ 0 51*4 6ˁ*1*ˁ,1*6 .ˁ 194.*+ - ˁ04ˁ*0916 1 + -ˁ +1 + -ˁ, .+ .ˁ
01ˁ :1* . -ˁ5 1 0 6+ -ˁˁ :0 + -ˁ - 1/ˁ .4:0*6. 60ˁ%+ , ,103+ 6.6) E) - 42"<.* 5. ˁ
60 0*6ˁ 194.*+8ˁ P 71, - 1ˁ. ,0ˁ - +* 6 " - .ˁ3+. -ˁ 5 0ˁ.4ˁ *15 *.6.ˁ 051 +0 .6ˁ
: ." 41ˁ5 .0 4 1ˁ - .6.ˁ *ˁ$2"1* . -ˁ5 150 4ˁ.4ˁ. - ,18ˁ,1* +9 6ˁ. / " .ˁ0/ˁ 1040 0ˁ
.2ˁ 9+ 61ˁ506 6 +8ˁ3+ˁ,)0*6ˁ06ˁ. * ,1ˁ - * - 0ˁ40 + 6ˁ . -ˁ ,1".1ˁˁ 0" , 1ˁ
$141" .0ˁ06ˁE01 9 1ˁUA. 1"1: , 1 + .0ˁ5.".6 * 8*0916 + -ˁ4.6+ - ˁ+6<1.** 8ˁ %. ˁ
"1* 8ˁ 0151"0* 8ˁ " . - ˁ3+. -ˁ 194.*+ -ˁ+/1 0 -ˁ4+30 0ˁ *ˁ.* - 1ˁ7.202.6<ˁ.4ˁ 51*ˁ
4 - ˁ404+,0 0*6ˁ 06ˁ0+ -ˁ, -ˁ :ˁ, 1ˁ03+ 6+ -ˁ *ˁ 09* " -ˁ 04+,0 E*6ˁ "ˁ8 0 6 1ˁ
6 .* - "2ˁ.4ˁ (605.*1 . -ˁ,1* 040 ,ˁ8 04ˁ51"" "0: .ˁ ,0 6. - *.ˁ3+ 2+8ˁ ." 3+16ˁ
1.6.8ˁ +40 +*6ˁ: 6+60ˁ5 .0, 5+,ˁ ,1". ˁˁ 0 2+ 6ˁ3+ˁ+*6 8ˁ0/ˁ"09.6 8ˁ *ˁE."" .*6ˁ
51 60.ˁ - " 8ˁ + 6ˁ6 +6 ,ˁ:061ˁ., 6,ˁ<+/6.ˁ 71, - +*ˁ5+9*.*41ˁ3+. -ˁ. ,0 -ˁˁ 1?ˁ
2 1 1"1: +8ˁ$1"1*+8ˁ 194.*1ˁ 0 : .2.6ˁ 5 0ˁ50 ,+"+ -ˁ - 1 6 8ˁ.4 6 I,<+ 3+0ˁ 1, "ˁ
ˁ3+.6*1ˁ 12 - , , +8ˁE1" *R +8ˁ 1*. 8R +8ˁ06ˁ&14 .0 +8ˁ - 1 60ˁ +.ˁ 0 2+ 6 - ˁ
,0 6.050 6ˁ0 5+0 +*6ˁ %.*40 -ˁ,+ -ˁ,1 - - 0.6+8ˁ<. -ˁ40 ,0 06ˁ ,6: /ˁ *ˁ5.2+"+ -ˁ
03+1 + -ˁ 1*408ˁ06ˁ +6 ,08ˁ +50 0 "0*6ˁ,15 .0%) , , .0ˁ *ˁ4 08ˁ, 0 ,0 0*6 0" , + (ˁ
,+ -ˁA. 1"1: , 5ˁ +18ˁ 04+, 6ˁ3+ˁ *ˁ 0 6 ˁ6 .* 6+ˁVˁ ."19 140* 0 -ˁ5 .061 0 -ˁ
. 6+ .41 6ˁ,+ -ˁ 0ˁ 9*. 18ˁ.ˁ(0" 51ˁ 194.*1ˁ4.6+ -ˁ + ,0""2 0 - ˁ *ˁh .". ,7 .5.ˁ40
I ? ,0*4 "%0ˁ4 ,0 0*6ˁ50 : ,0 +*6ˁ+6ˁ 8.+ 61 6.60ˁ +. h .". ,718ˁ06ˁ%+ ,18ˁ * 03+0*60 8ˁ
. ,0"%0 0ˁ<+20 06ˁ ,3+0ˁ *01"+ - 08ˁ "+: + - 6 .<0,0 +*6ˁ0/,056 8ˁ3+18+*4. + -ˁ .ˁ
5 4 6.8ˁ7.+ 6ˁ 194.*+8ˁ:0 1ˁ.4ˁ :1* . -ˁ" 60 8404 6ˁ3+ 2+8ˁ0+ -ˁ.2ˁ." 0*1ˁ 09*1ˁ
*: .40*41ˁ4071 .2.6+ ˁ06ˁ6." 1*0 -ˁ.ˁ 0ˁ.+6ˁ.2ˁ." 1ˁ - *.2.6+ ˁ &0 + -ˁ06ˁ :1* .ˁ
ˁ.0 - +"ˁ - 1* 6.ˁ*09"0/ 6ˁ06ˁ 6+ ˁ , ,+ .8ˁ, , 60 - 561ˁ4 : *.0ˁ+"6 1* 8ˁ 706+ˁ +,00" +.ˁ
+ 90 0ˁ50 0/ 6ˁ 0,ˁ - +"61ˁ51"" 12 1 1"1; +8ˁ3+ˁ 71, - 0* 0 -ˁ. ,0 -ˁ60*02. ˁ
.<. 1"1: , 2ˁ50ˁ" 60 .8ˁ - 1* 6+8 ,+ -ˁ*+"". -ˁ.+/ " 1 + -ˁ 50 -ˁ: 40 06<E/,040*6 2+ˁ
W5 1: *, .ˁ 1"1* 8ˁ"1,+ -ˁ :1* .0ˁ6 .4 6ˁ7 8ˁ,3*4 6 1* 2+8ˁ+6 40 -ˁ 09 ˁ +0,0 ˁ
1 2+8ˁ0<+8ˁ.,ˁ 0*.6+ $1"1* .0ˁ12 6 6690 06 ˁ 6.ˁ0<0 61ˁ 194.*1ˁ3+ˁ 02+8ˁ40 50ˁ
".6 8ˁ * 1 ,1: .*ˁ5 1 +9 6 ˁ06ˁ51 60.ˁ4 +ˁ.5+4ˁ*18ˁ + 6ˁ 50 -ˁ*03+ ,3+. -ˁ06ˁ9 .6 . -ˁ
ˁ"09 8ˁE."" .0ˁ .5+4ˁ%+ ,+*ˁ - 5"1 .*8ˁ :1* .ˁ& .". ,7 .0ˁ56 *, 5.6+516 6+ ˁ%+ ,1ˁ
"1 -ˁ20*0 , 1ˁˁ3+1 + -ˁ,+ -ˁ<+9+ -ˁ06ˁ 5 0ˁ0/,+60 0,+50 06ˁ<. -ˁ 7 6 .*. -ˁ 0" ˁ
9 1*0 - 5 1 0" +8ˁ06 5 0%+ , 8 + 504+80"%0,105 6ˁ06 . -ˁ 8ˁ *: +8 ˁ3+1 + -ˁ *ˁ
5 0 1 3+0ˁ3+18ˁ 2ˁ.4:0 .618ˁ 0 0 :0 .6ˁ0/3+ 6 8ˁ4 740"6.6 8ˁ90*0 2+8ˁ .0: 0 .6
4 .ˁ +1 + *ˁ06ˁ5+ 5 .61 + - ˁ3+ 2+8ˁ<. -ˁ :1* .0ˁ6.*3+. -ˁ6 .*8 +9.0ˁ 408ˁ *ˁ4+ˁ
2 + - &E, .2.6+ ˁ . , ,0*402.6ˁ."60 +8ˁh .". ,7 .0ˁ3+.0ˁ% .6+ ."5 *.ˁ4 , 6+ ˁ5 7,058ˁ
3+ˁ - 50 + -ˁ 1"4. : ,+ -ˁ: .9+ -ˁ$06 1ˁ .66ˁ.ˁ(0" - 1ˁ - 506 . 0ˁ 0ˁ51""0ˁ :1* .ˁ
0<041K ˁ50 .2.6ˁ 6.3+0ˁ0."40 -ˁ12ˁ, .+ .8ˁ :1* . -ˁ.5+4ˁ(0" - + -ˁ, - *.6+8ˁ12ˁ
3+.8ˁ :1* .ˁ5 +8ˁ 194.*+*ˁ + 504"+ -ˁ 044 40ˁ.6ˁ - +*0 2+8ˁ51 6 0 - 1ˁ.5+4ˁ5+ 5+ˁ
.6G(ˁ, 6 , 6ˁ12".6.ˁ06 . -ˁ - 50 .61 ˁ4+5".ˁ50* 1*0ˁ*6ˁ 1"4. : .0ˁ5 *, 5.6+8ˁ :1B
* .0ˁ.4 70 ,6+ ˁ 1664 6 1*0 -ˁ. : 40ˁ,+ -ˁ%+ 6 ˁ . : . .ˁ90*8ˁ . , ,05 "%0*6ˁ3+ .0 6+8ˁ
X 1"1 ˁ0/ˁ4+5".ˁ50* 1*0ˁ3+. -ˁ(0" - +8ˁ - " 2ˁ,+2 ,+". 1ˁ.2ˁ :1* .ˁ - 0 0ˁJ02 +. 1ˁ
A +<+8ˁ.**ˁ506 6ˁ,+ -ˁ - .*4.6 8ˁ +6ˁ ˁ0. -ˁ50*40 0ˁ 0,+ . 06ˁ 1"4. : .ˁ3+.*6ˁ
ˁ ˁ 5 0 I I$ ˁ M 20*0 , 1
5 ˁ ˁ? ˁ E ' .# ˁ 2 .# ˁˁAˁ& & U . ˁ] ' ˁ 9 8
! ˁ :/+, ' ˁ ? B , ˁ > # ˁ # ˁ M .# ˁ, # ˁ #Bˁ
> .# ˁ [ˁ ˁ% * ˁ ˁ ? ˁ

5 &'20"0 , 1 - 50 .61 8 26 *0 06',T* 0 6 -',040 06< *. -'0"0."18'3+'0.*'4050* +
) < "*6' '0 .6 ''.+ 01 +-'. '3+.4'4+5",.6.'.4 ,//'0/, 0 ,02.6' :1. . *+*, 1
06 '6+ 2.6+8< 6. -0*' -140 60 0 51*4 6 0'3+.*6+-' *' 0 6 -506 6.' .,0 0'5. .6+ .'
04 05.'0 "0 7+<+ -14 '+6 * ',1* +"61 0*.6+'* 7 "51"" ,0 '51 6' +. -' 40 -' -
50 .61 '12" 9.6. - 3+. -'06 0 '.4' -1 60 -'+ 3+0 *: 1".6. -' 6 0 :.6+ +.' 04'*+""18
2 67, .+ 18 0 0 0/3+ 2+8 6.*6. -'50, * . -'3+16.** 8 405 1-0 0 52 6'1*+8 71,
,+-'.4 +* :0 18 50 6 *0.6' 1 - * + -'40 0.' 0 ,1* 0* + -'0/3+ 0*4+ -' $1 60.' 0
' 0.6+' 40" 20 .6.' ,+ -'"; 1* .' '3+ 4, -' 8 .6 8 .* -'0 ,6' +6 0 .4:0 +8 ".9 'L
6 1 . -'0 : 6+60 -'3+.0 5 8 +2 (0" -1 - -14 ,.'.:. 6.'.0 6+.*60 0 : ,*4.'0 .6'
: *4 ,. 0*6' 5. .6+ -'3+13+0 '1 60*4 6 ,+ -' 5 8'0/6 0 -.'3+.03+0 50 5,6 '516 +8
3+. -',1 - - 660 0'+6 5+40*4.' 5.6 0*6 .' +.'4 +6 +8 104. -' 0 : 6+60 -' +2 ,67* ,1
,.*0 0 : 0*6' 5 1 *40 +/ 08' 20 18'.,' '3+ 4'5 06 1 1 8 +50""04" "8 7.20 0*6'
' . ,0 -' 71, -0 0 -' -51 6. 0*6 '3+.0 .4 70" + -' 504. 0*6' 2 ' ,+ .0 1 0'
0 ,'5 - + -'0/' -10 1 0 ."6+ -' "0*6 + -<3+14 -2/' *4 9*.6 1'+* :0 1 + -'0,+6.'
0 6'."6.' :1,0 ,". - .*6 + -'3+1' :0""06'4+,0 06' 0 71 6' .4 .*+2 + -' +2 ,+*3+0
-50 . 06'1,,+ + 18 06 + -56 2+8 +8 - "6.6+ 18'G+1 + -'.".', 6.60 06 ,1* 6.*6 .'
,19* 6.' :1* .' *, + -%+ , ,+ -' -+"6.' *'0/,+ .6 1*0 -'+'5 .0 .6+8 06 *: 4 .'4,
*09.6'6 2+6' *' 0*.6+ -' 0<,4.'4 - 66 6 U 06 0 .4 20""+ -',1 -5. .6' .9*. .' 8 .,
5 .0, 5+. -4*' 0* ,1'*1:1 $1"1* .0 090 4+, . -' 51 +0 .6' 3+.0 6. -0*' - 6 .'
+6' '*. -' - " 8 .4 0+ -'"09.6 8' ,+ -' 1040 8'3+14 $1"1* 8 ,+ -'%+ ,1' *60 ,04 6'
0:0 0*6 . -' 5 1 0 51* 1 .,,05 06'0.' 50 40,056+8'06 .2 . - , 8 -1* 6+8'0"%0 /6
0/6 0 - 8 $1"1* .0 1 8 71 - *+ -'90*+8 0 -50'. - .6+ - 3+'%.6. 1 + -'*,+ 1*08
E1*6 . 8 0/,+ 1* 2 8 ,5 - .*6' 06 .4 1 ; 670*0 -'., $1 6'1 6 .'+ 3+0 5 .04.8
.9. 6'3+1 + -'150 *1*' -04 1, 60 'A+:. '51 "6'3+ 550 3+'"1,1 + -'9*. '. "4+ 8
,+ -%+ , 8 5 10" 8 0 0/0 ,0. 6' ,. -',1*4 6 1*0 -'0/' *0,0 6.60 .,,05 6' 06 + *1?
.63+0 ."60 1 *60 *+*, 8 .4 1 .,18'6.':0" 60 8 7+<+ -14':+"91 .550"".*6+ '- "8'
,+ -' 8 6 .* 9 6' '(+0 ,0: +8 : ' -5 90', ,'4+,02.6'06 ,060 8 5 .00 .6 *'3+ 2+8
0 .*6 ,,'4+41 0' ' . .*1'2 . ".: 0* 08 616 40 -' 'D 1 "1: +8 60 -'4+,02.6 , ,
("0 0* +8 616 40 -' <.*, +8 06 (1,1"1; +8 *9+"', ' "',+ -'."60 1 .' ,. 6 8 Q 1'
* .0".5 40 :0* "0*6'5 .0,040*8 5 0 :1* .',+ -'40"041'03+ 6.6+'. " -56 8 ." 3+16
0/' 0*.6+'1,,+ 6'06 4+,08 0,+ -'*'6.20 *.,+"+ -'4+, 6'06 ,+ -'0*.61 2+8 .4 ,1*'
: :+ -'.47 20 ' ,060 8 *'71 5 6 .'50'6.20 *.,+".'4 6 2+6 8' 0 -16 8 -0* :8'5.'
6 *.0 . 90*60.0 . "0 +*6+ '*+ - - 8 ." 3+16 .+ 0<8 5"0*.0' 5 - .3+0 7.0,' .4 40 -0'
0*418 1 .,1 + -'4+,08 :1* .0". 9 6 1 + 6' $1 6 4 0 +* :0 18 0:1,.618 06 7+B
- .*0 .550"".618"*9+.'$1"1* ,.'.""13+ 6+ ' G+1',+ -'.,7 - 8 50 1 4*60'5 1'1 -B
* 2+8 + 8 (+0 ,0: +8 :0 2.' 0, 6'06 *1*' 50 6 50*4 '04': 6+6 8 ,1*6 .',1 - - +*0 -'
71 60 -'50 ," 6.*4.0 9 .6 .' 0 :0* "0 4 , 6' 40 -3+,'4.6 ,1* 6.*6 8 06 *'+6 .3+0 1 '
6+*.' - .0 :1"+*6.6 8' G+ 2+8 7 *,' *4,'6 .* .4 8' :1* .' 1 .,18 05+"1'0/, 5 6'
0,+ -3+0 5 .* 18',1*4 4.'.4'5 1 ,4 1*0 -'4 0',+ -' + - - .'.".', 6.60 4 - 66 6' 4
+6 .4 'S."' 5 '7+<+8 .** ',+ -'(0" -+8 *60""04.' :1* .0 40 04 1*0'///', 1
%+ ,1 + -'06 "', 1 +*9. 1 + -'.4% .* ."5 *., h .".,7 .0 5 *, 50 -' - ",6'4.6 8
- .*4. 8' +6 ,+ -' +8 44 .+/" . 0 8 ,15 .8 .4<+*4 8 1"4.:+ -' *:.40 0*6 ?013+0
40<041 $06 + -' .6 0 -'5 1: *, .0 5 *, 50 -' -51*0 0*6' 8 9 6+',1 .4 8 1 -* 2+8
,15 8'3+.0 .4 ,' 20"".61 + - , 1 0/, 0:0 .*6'9 1"4.:. -'6 .*.6' 06*+ -0 1,1*'
+8 ,+ -' 0,+ +8 .90 06' 0 50' 50 +".61 08 71 6 + -',.5618 ,19* 6.' .2 :1* .'3+'
+0 ,0: + -',+ -' +8'.66 2+6 8 0': ' , 5 h .".,71 + -'5 .0 - 0 .6' 6.'155 -6 '
+6',+ -' 1"4.:'03+18 .4 5. ,+.'.' 0 .2.418 .4 - .*+ -'*1*' 7.20 0*6' 06 *+ 3+. .
L' ? +9.0

% $ D'-? .' ' ' ' ' ' L'+U .#. U# 'U% ' . A' '%
9N U# '3 '& . U# '$'+ U# ' W

+9.0ʿ"1,+8ʿ0"06ʿ 6.*6 2+8ʿ 1 ., 8ʿ1* *08ʿ 060ʿ,.0 *6 ʿ (1" ʿ0/ʿ ,.040ʿ +50 +0 0ʿ &ʿ
h .".,7 .0ʿ5 *,058ʿ06ʿ$06 +8ʿ .60 ʿ,0 6.ʿ 50ʿ 1"4.: .0ʿ516 +*4.0ʿ01ʿ5 1 0 6+8ʿ3+ʿʿ # ʿ ʿ% ʿ
,1< ,0* 8ʿ50 * , 2+8ʿ03+ 8ʿ50 ʿ".,+-< 3+ ʿ0/ʿ .*+2 1ʿ " .,ʿ1 6+ ʿ6".5 ʿ .4ʿ. ,0-ʿ
. "1: 0* 0-ʿ5 .0 4 1ʿ%+ , ,1ʿ -.6.-ʿ 50 :0*0 0ʿ *.5" +8ʿ ʿ71- *+-ʿ,1ʿ
0.ʿ 6 .90ʿ 50 0 0ʿ 71 0*41ʿ5 1 +8ʿ 504.,+"1ʿ50ʿ5.60*60 8ʿ,.-518ʿ .9 66 8ʿ5 "8ʿ
,+6 8ʿ9".4 872 0*60 8ʿ06ʿ<.,0*6 +-ʿ, +1 0ʿ5. -ʿ+*4.*60ʿ 1"1ʿ . 66 8ʿ71" 08ʿ0/+6ʿ<
06ʿ5 .,4.ʿ1 6- 8 ":1* .0ʿ00 6 3+.7ʿ ""0ʿ60-50 6 :.ʿ-./ -0ʿ.,ʿ".+4.2 "ʿ" 20 ." 6.60ʿ
*60 ʿ- "608ʿ4 : 6ʿ516 1 0ʿ5. 60ʿ 1 ., 8ʿ0 19.6.ʿ *40ʿ * h .".,7 .0ʿ5 *, 5 8ʿ.0-+" ʿ
, <+8ʿ+6ʿ06ʿ .6 8ʿ + 6 .ʿ,.4.:0ʿ *60ʿ -1 6+18ʿ:0 6 9. ʿ0+ .:0 .6 ʿ4 6 1*0-ʿ0/0 , ʿ
6+-ʿ *4+, 6ʿ1-* 3+0ʿ, +40" 6.6 8ʿ 90*0 0ʿ *ʿ52: 18ʿ3+1 3+0ʿ9 ." .6+ ʿ 1*ʿ 10ʿ
- * 8ʿ*1*ʿ ,* 2+8ʿ*1*ʿ40* 3+0ʿ5+20 2+8ʿ5. , 6+-ʿ 0 1ʿ06ʿ 9*0ʿ .0: 0*4ʿ,+* 6 8ʿ
50 - .ʿ"00*6 .ʿ %+-ʿ.4ʿ . "1: .-ʿ. ,0-ʿ60*4 6ʿ3+.ʿ h .".,7+-ʿ06ʿ$06 +-ʿ0<+8ʿ
.6 0-ʿ 0ʿ *, +)%0ʿ *60""0/0 .6ʿ06ʿ50ʿ" 60 .8ʿ.ʿ5 .0 0 61ʿ"1, ʿ506 6ʿ+6ʿ 2ʿ+60 3+0ʿ
*+"".ʿ<+ 6.44 ,.+ .ʿ * 0 6+8ʿ71 6 8ʿ06ʿ<+ 61ʿ5 10" 1ʿ*+50ʿ +50 .6+(< 404.6+ʿ< ." 13+ʿ
0ʿ.2ʿ12 4 1*0ʿ*1*ʿ4 ,0"%+ +-ʿ 6ʿ%+ ,+8ʿ +50 2.ʿ<+/6.ʿ06ʿ * 3+.ʿ :1* .0ʿ506 6 1*0ʿ
.6+8ʿ50ʿ3+.6+1ʿ%+ , , ʿ .*9+ * 8ʿ: 18ʿ3+1 +-ʿ4+1ʿ155 4.* ʿ4+1ʿ5 .0 4 . ʿ
, .*6ʿ- "" 8ʿ40,0 *ʿ9"12 8ʿ9 .*4 1 2+8ʿ .,ʿ616 40-ʿ- *1 2+8ʿ ,+-ʿ4+.2+(ʿ .9 66 8ʿ
0 51*406ʿ06ʿ *60 - *.6+ ʿ :1* .0ʿ* ʿ3+.-5 -+*ʿ12 4 1*0-ʿ 1":.6ʿ 1 0ʿ+6ʿ7+ʿ
<+ -14ʿ 0 ,+"8ʿ,+-ʿ + 8ʿ0+-ʿ0/, 5 .6ʿ3+.0ʿ40-+ *ʿ.4ʿ .6 06.60-ʿ5"0*+8ʿ51 6-141ʿ
,:1-0 0ʿ,19.6+ ʿ G+1ʿ 0 51* 1ʿ71-1ʿ +,,0 "+ʿ * ".6+8ʿ.4ʿ.* -+-ʿ60:1,.61ʿ *60 8ʿ
+, 18ʿ,1-5 070*4ʿ*. 0"3+0ʿ "" 8ʿ,+-ʿ".2 8ʿ0ʿ.+ 2+8ʿ5 .0, 4ʿ<+206ʿ6+-ʿ50408ʿ
6*9+"1 +-ʿ) +-ʿ:0 18ʿ"1*9 "" -.0ʿ6 .2ʿ 0 0 8ʿ,".: 8ʿ. 9ʿ06,.5 6 2+8ʿ 1"+*ʿ
6.*90*6 2+8ʿ.*60ʿ155 4+-ʿ.ʿ ,"15506. 8ʿ12< , ʿ<+206ʿ3+1ʿ4 .0ʿ, +40" 6.6 8ʿ0/0-5"1ʿ
,6ʿ-,6+-ʿ%+ , 8ʿ06ʿ*0,0"" 6.60-ʿ+ 8ʿ: -ʿ *ʿ155 4+-ʿ ., 0*4ʿ -51 + 6ʿ 6.3+0ʿ*+"".ʿ
-1 .ʿ *60 51 6.ʿ ,.".0ʿ .4-1:0*6+6< 06ʿ -+ 1ʿ4 +61ʿ155 4+-ʿ,.5 6+ ʿ50ʿ3+.6 ʿ
4++-ʿ,1*6 *+.6.ʿ *ʿ 0 60*60 8ʿ12: 18ʿ06ʿ".60*60 8%+ ,18ʿ,.040ʿ $+0 ʿ5"ʿ.2ʿ+20 ʿ
2+8ʿ -.6 +- .56ʿ06ʿ *60 04 ʿ0/+*4.*60ʿ5. "(-ʿ50ʿ: ,28ʿ * .*+2 +-ʿ +2<0 0"+-ʿ
.*9+ *0ʿ 4ʿ5 .04.-ʿ *40ʿ:0 +8ʿ- "08 ʿ3+.0ʿ *90*8ʿ 2ʿ 050 6.ʿ+ 6ʿ-.9*.ʿ: ʿ.+ ʿ
. 90*6 ʿ 9*.6.0ʿ50,+* .0ʿ.,ʿ+* 1*+-ʿ.ʿ -+"61ʿ60-51 0ʿ50ʿ5., 8ʿ,1- -14.ʿ *ʿ15B
5 4+-ʿ,1*90 6.ʿ 0,ʿ,.040ʿ06ʿ4 056 1*0ʿ .6 .6+8ʿ - "08ʿ 9*0ʿ *<0 61ʿ .0: 6ʿ06ʿ3+.0ʿ
*,0*4 +-ʿ.2 +-0 0ʿ*1*ʿ516+ 6ʿ.4ʿ0/6 0-+-ʿ0;0 6 6ʿ. ,0ʿ 1".ʿ+50 .*60ʿ.4ʿ3+.-ʿ
,+-ʿ.+/ ". +-ʿ%+ ,1 +-ʿ/: ʿ, 1ʿ.4:0*6. 0ʿ50ʿ 50,+".61 08ʿ4 4 , "06ʿ :2* . ʿ 6.ʿ
6 -ʿ,ʿ(+ 0 ,0: +-ʿ,+-ʿ 1 ., 8ʿ + 8ʿ.44 6 8ʿ: "ʿ, 1ʿ h .".4 1 +- ʿ *ʿ018ʿ - 66 6ʿ3+ʿ
*15 *.6.ʿ,0"0 6.60ʿ *,040*60 8ʿ06ʿ40ʿ: .ʿ 0 "28ʿ .99 0"%+(< *0,ʿ 5.6 1ʿ.4ʿ,1"" 90*4+-ʿ
5 6+-ʿ4.61ʿ.4ʿ+*+-ʿ1-*0 8ʿ,.04 6ʿ5 .060ʿ, 5ʿ03+ 608ʿ3+ʿ +9.ʿ0".5 ʿ5 1ʿ(+ 0 ʿ
,0: 1ʿ * 03+0*60ʿ 7+0ʿ e +,ʿ5.".*608ʿ4 8<04ʿ +*6ʿ G+ 50 ,+"+-ʿ0:. 0 0ʿ .4ʿ. ,0-ʿ
%0 *0* 0-ʿ%+ , ,.0ʿ4 6 1* 8ʿ 0,056+-ʿ7.2+0 0ʿ :1 .ʿ .ʿ (+ 0 ,0: 1ʿ 51"" +,ʿ
,0 "+-ʿ-1* 6+8ʿ5 1*. -ʿ06ʿ *ʿ- .* 2+8ʿ40ʿ%+ , 8ʿ: 41 . -ʿ0 0ʿ-141ʿ*0ʿ,+*406+
. "1: .0ʿ. , 8ʿ1274 1*0-ʿ 1": 6ʿ06ʿ.4ʿ 5 +-ʿ,1*6 *+0ʿ,+-ʿ1-* 2+8ʿ,15 8ʿ.,,+ ʿ
F 6ʿ'06ʿ 0" 3+ .8ʿ%+ , , ʿ0/0 , 6+8ʿ + +8ʿ,.04 6? 4ʿ%0 *0* 0ʿ40 *ʿ155 4+-ʿ4+, 6ʿ
3+14ʿ06ʿ, 6 .ʿ,0 6. -0*ʿ0/5+9*.6ʿ155 4.* 8ʿ1-* 8ʿ.06.6 8ʿ06ʿ 0/+8ʿ,6+40" 60ʿ1,, "68
(,ʿ.+60-ʿ *,0402.6ʿ: 41 ʿ0/0 , 6+8ʿ (+ 0 ,0: +8ʿ 0-50ʿ *ʿ5 - 8ʿ1 4 * 2+8ʿ 6.*8ʿ
,+-ʿ%+ , 8ʿ7. 6.6 8ʿ5 10" +-ʿ * 2.6ʿ,1""1,.6 8ʿ *ʿ5 -.ʿ 1*60ʿ03+ 6 2+8ʿ,+-ʿ61 ʿ
<-0*6 8ʿ *.*+. 8ʿ3+1 +-ʿ71 0*4.ʿ 4 "5"1 "1*0ʿ%+ , ,.-ʿ ., 0-ʿ4 6+ 2.2.6ʿ .4ʿ
40/6 +-ʿ,1 *+ʿ .9 66. ʿ1551702.*6+ ʿ3+ʿ, 02 .ʿ60"1 +-ʿ9 .*4 *0ʿ%+ ,18ʿ * 0 6.ʿ
2.*6ʿ'.4ʿ".0:+-ʿ"1 , .6 ʿ3+ʿ2 0: 2+8ʿ".*,0 8ʿ0- *+8ʿ6+ 2.618ʿ *,0 "02.*6ʿ06ʿ .4ʿ0/B
6 0-+-ʿh .".,7 8ʿ<+9+".*418ʿ5 .0202.*6ʿ 740ʿ.4ʿ ."19 140* 0ʿ155 4+-ʿ%+ , ,.0
4 6 1* 8

&'4 6 1* 8' 6+ - ' ' 3+14' 4 056+ - '06' *,0* + - '0 6' 5 .04.' ,+*4. ' 3+ .0' * 1*' 0/ 9+.' +6
6 ,+8' " ' - " 6' ,1 ,0 6. ' + - ' .4'%0 6 0* 0' 555 4+ - ' - " 6' /0 1, "". *41' .4' ." 3+16' 4 08' :1* .'
040 06' ,59* 61' %+ ,18' 6.+4' 5 1,+"' 7 *,' ,+ - '%. 6. 8' 0,+ 18' :. 9. ' (+ 0 ,0: 1' - '
50 .6' +6' ,+ - ' 1 ., 8' + 8' 06' ' , 1' h .". ,71 + - ' *' 018' 4+,0 06' ' 3+18' ""0' 5.". *60 8'
06' - 1/' .4' *1 6 1 + - ' ,5* 50 + - ' ,1*9"12.608' 6 5.66 61' .9 - *0' .41 6+8' 06' 01' 1 '
4 *0' 3+0 *' 4 / ' 5+9*. *8' 51"6' .*,058' 71 .0' 5.6 1' 5 10" + - ' 150' :0" 6+ - ' 51 6 0 - 1'
*' +9. - ' :0 6 6' - +"6 8' 0/')8' 1,, 68' .' 5.+, 8' 0/' *1 6 8' .56.' ,. 6 .' 06' 0/' 71 6 2+8'
,' ' 3+ ' "; 1* .0' <+" +' .' 504 60: 461 0' .4' +*+ - ' 1 - *08' .", 2+8' 9 .*4 1 2+8' 3+ 2+8'
10*+ - ' 0, .6+6' *' + 6.' ,1*, "6' +*6' +/' 5 0' ,+ - ' 0' *90*6' + - - .' 04 - 0 0'
&1"+ "%06K 3+ 550' 3+ ' 0/ 08' " 2 .6' *' 6.60 .' ,1 51 8' 51*4+8' 2 8' .+ 1' 60 . 90*6 '
0 - 0"' - . 9. 6 8' .550* + - ' 51""<,, 06+ ' ' * 7 "' 1 ., 18' 50 - 1:0 0' 516+ 6' ' 3+ ' 40'
:1* .0' 4.6.0 ' - .9 8' 3+. - ' 5 .04.0' 3+.' *' 4 08' ". 9 " - 0' 4 6.2. *6+ ' - , - 1 ,8' 404 '
6 6 + - ' *' 5" +8' - .*+8' 6 .4 40 +*6 ' 8' :0 1' 5"+ + - ' 4 0 + - ' ,1""13+ 1' ,+ - ' 40' 02+8'
%+ ,1 + - ' .2+*40' +6 02.6+ ' .2' 01' ,19*1: 06' 6. *40 - ' ,.56 :+ - ' - 0 - 2 .6 - ' 5, '
4 6 2+8' 4 00 50*4+ - ' 5 .02+ 6' < 06' *40' .4#) ". - ' .4' 0 , 0*4+ - ' 0/' ". 21 0' - "606*'
50 0/ 6' G+ 2+8' 02+8' ,19* 6 8' (0" - +8' :0 6+8' *0' . - ".' 50' 40 046 1*,8' +6 .3+0'
., .' 0/0 - 5"1' 9 . .*60' : 4 1 08' 06 . - ' *' .,041* . - ' 40 00*40*608' : , *.8' 0 '
9 1*08' 06' E .0, . - ' 5 . - ' ,1 - - 1:0 0*6 3+. - ' - ./ - + - ' 0 ' 516+ 6' 0/0 , 6+ - ' ,1* '
0 2' <+206' 4+,0' ' .5+, 1' 5+ 5+ .61' 3+ ' 06' .,,056.8' *<+ .8' +", 00 06+ ' 06' 020" '
". *60 (' 5 1: *, .8' .4' 12 03+ + - ' 04+,0 06' S 0,' : * .' ,0 .2.6' 06' ,+ - ' 5 1: 40 06'
%+ ,18' 3+1' - .<1 0' 406 - 0*61' . 04' 0 0*6' 0, ' - .<1 0' 15+ - ' : ' *<+ . - ' 06' 4. - B
*+ - ' .,,056+ - ' +6' 0 . , 0*6' 0* /+ 18' 0 0* . - ' P . *. : 0, + - ' ,+ ' ' 71, '
- 0*" 8' 5 - . .0' 1"4. :1 + - ' . , 8' ,+ 614 . - ' ,+ - ' : ." 41' 5 .0 4 1' , 04 40 .6' ., ?
,0 6' 71 - *0 - ' 2 ' ,+ - ' *60' %+ ,18' 4090 06' 0 750' 4+ - ' 06' 6+*,' 2". *4 0*6,'
1 6+*.' - .9 8' 12*1/ + - ' , 04 6+ - ' 0 3+0' .66 2+6 8' / ' , 1' h .". ,71 + - ' *0916 + - '
4.6' +6' .4' .*+2 ' 5. - ' 5 1 04+8' , ,.' D 2"., 0* 0' 155 4+ - ' 5 19 040 06+ ' 0 :. ?
6+ +8' *03+.' :. 41 "+: + - %+ , ' 6 .* - 660 0*6' 06' 40"5 1 + - ' ,1* " 8' 06.4 :0*6+'
0' *' 4 08' ,0 6 1 0 - ' .,0 06? + - ' 7 8' - .*4.6 8' 1 , "1' 06 . - ' . 4 1 8' . - ,R .0' 5 9 '
1 0' 12 9.6 8' 0 0 - . - ' 4 - 66 6' :1* .' 3+ ' 515" 60' "0/1' *0 ,' *0' ".,7 - 8' * '
90*+ ' .* - ' 60 6 2+8' 3+0 *' 6. - 0*' *1*' 4"+' 0 :.: 6 F' 4. - ' 150 . - ' +. - ' 70 1' 51"" '
,06+ ' ,1*6 *+13+0' .4' .*+2 + - ' 5 1 04+8' 6.6 1* 2+8' 4 51 6 8' :1 6 ,1 .' 7 8' "1, 8'
"+: ' :. 4.' 4 " 90*60' 12 0 :. ' ,+ .6' 6.' +6' %+ 4 ' 3+ ' <. - ' ,+ - ' *+ - 0 1 1' 0/0 , 6+'
' 5.' 6 . * "+ ' 0402. *6' .4 6+' 4 +' 5 17 2+0 6' %. *40 - ' 5+ 5+ .6' 71 - *0 - '
.:. + - ' 3+0 *' .50 6.' : ' : *,0 0' 50 ,+"1 + - ' ,0* 02. *6' 2". *4 6 8' .,' 5 1 - " 8' 06'
<. - ' ' ' +*9. ,1 + - ' +"6 1' *+ - 0 .6 8' .99 04 +*6+ ' < 06' $06 +8' h .". ,7 ' .606'
40' .,,056.' ,". - ' + 8' .4' 0+ - ' <. - 50,+* .' .,,056.' *+6. *60 - ' 5069 6' 06 3+. - ' * 0" , '
"1,1' 08' :1* .0' *6' 40 - 1* 6 .6< 3+ ' (0" - + - ' *+"".' 0' 51""' : 1". 6. - ' 4,* ' 06' 616' * '
<+ .8' *+50' "".6.8' 5".,.2 "0 - ' *0,+*3+. - ' .2' . - 8' 40 6+ + - ' 41*00' 0/5+" 1' 01'
.7+ - ' 4+ - ' .,' 2 ' :04 9."0 - ' 5 1: *, .0' - 51 +0 6' *' 0' ,1*, 6. :0 6' 7.0,' +6' . - '
,+ - ' " + - ' - 1*0 0' 5 1 *40' ' ". 5 .6' 4) - ' .47+,' 08' *609 .,' +*6< 2' 5 :. 6 - ' ,1* ?
+". 6' 06' 5 1' +.' 5 +40*6 .' .0 6 - 06' 6+6 +8' "1 0*60 - ' (0" - ' 5160*6 - ' 616.' *1*' 1 '
"+ - ' + 15.' 04' "".' 06' ,.' - 50 .61 8' 1 6+*. - ' .*' :1* .0' 71 - * 8' 40' .,' 5) '
41 8' 5 1 6 6+6' 08' .,, .8' 03+ ' +6 " +8' 2' 6' 1 - *0' 20""+ - ' 3+. - ' ., "0' *,71. '
6. *' .09 0' 4051*' ' *0,' *' 0<+ 40 - ' 5160 6.60' * 6 + - ' .,' *0 *' 0" 0' *, 50 0' ,+ : 8'
:0"' 9*. :1' " ,0 0' 0 - 0"' + 0056+ - ' 0" *3+ ' *1*' 51 0' * ' ,+ - ' : 41 08' :0" *6' 6'
0<+8' 5160 6.60' 6+ - ' 0" 0' 06' 0' 50 ,+"1' .,' ,0 6.0' 50 6' 0/ - 0 0' 06' 5.6 .0' 5.,0 - ' 4. 0'
' ,15 8' 3+.8' 7.20.6' 5.+"+ - ' .2 0040 0' <+ 8' 6 .* 6+ - ' %+ ,1 + - ' *1*' - 504 .6'
0+ - 3+0' 6. *6 50' :1* . - ' ,0"06' 41*00' 6 .* - 1' ,+ - ' +* 0 2' 0/0 , 6+' .*+2 1
:1 . -

% $ ' ? *#.# ' L '% D ' ' . ' U .#' !9 ?')!='3 9 (3' ! 1="3)' :
6.' ' / ' # ' ' 0) . .

:1* . -ˢ155 -0 0ˢ,".40 3+0ˢ.0,056.8ˢ)*.ˢ71 .ˢ+", ,ˢ52 6ˢ< 3+14ˢ ˢ .4.6ˢ5 .0ˢ &ˢ
60 ˢ<. -ˢ .,,056. -ˢ 50,+* . -ˢ06 . -ˢ06ˢ71*1 08ˢ06ˢ150 ˢ - .<2 08ˢ.ˢ(0" - 1ˢ,1* 0,+6+ ,+8ˢ ˢ
ˢ + - ˢ 8ˢ :0 2 8ˢ06ˢ $06 +8ˢ".,7 - .8ˢ - ,06ˢ< 0 0 - .03+0ˢ50 +.406ˢ+6ˢ,0 6.ˢ *?
,0 6 8ˢ.*6951*.6ˢ06ˢ405"1 .6. -ˢ :1* .0ˢ 1 6+*. -ˢ,0 6.ˢ 50ˢ15+ -ˢ06ˢ71*1 + -ˢ.ˢ%ˢ+ , 8ˢ
06ˢ*1:1ˢ 1"4.: .0ˢ 41 - *1ˢ .,45 0*41 - -ˢ 40 0 .6ˢ 6.3)0ˢ ""0ˢ,1* 0 6 -ˢ0/ˢ1,,.ˢ
1*0ˢ,15 .8ˢ.ˢ 5.ˢ "+ - * 8ˢ5.+"+*:ˢ 0 - 1:06ˢ< 06ˢ4+ - %+ , ,+8ˢ0/0 0 6+86 .* 06ˢ<
*ˢ3+1ˢ0 .*6ˢ, ,ˢ1 - * 8ˢ 90*0 8ˢ20"".61 + -ˢ, 1ˢ .4ˢ :1* . - ˢ+6ˢ6 .* 6+8ˢ,0 6 1 0 -ˢ
0 -ˢ .,0 06ˢ 0:1".6ˢ .63+0ˢ+6ˢ " + -ˢ<. -ˢ +,,0 " 2+8ˢ0".6+ -ˢ *ˢ 7" 4 .8ˢ ., " +8ˢ5 .0?
, 5 6. 06ˢ *1*ˢ5"+8ˢ/ :ˢ, 1ˢ71 - *+ -ˢ6 .* - 0ˢ,1* - .6ˢ3+.ˢ 0ˢ.+4 6.ˢ0/+"6.*8ˢ
:1* .ˢ3+ˢ.4%0 *0* 8ˢ. , 8ˢ12 4 1*0 -ˢ7.0 02.6ˢ40ˢ 40ˢ.47+,ˢ 0 0 - .0ˢ,0 6+8ˢ
*00ˢ0/5"1 .6.ˢ,0 6 +8ˢ 0ˢ:0 6.60ˢ3+. "ˢ .4ˢ,0 6. -ˢ: 61 . -ˢ,+ -ˢ 1 ., 8ˢ5 150 .6ˢ
06ˢ&ˢ 4ˢA+*ˢ60 6 1ˢ.2ˢ71 6 + -ˢ,. 6 8ˢ".5 40ˢ,. 6 .ˢ - 06.6+*ˢ *40#(+ 0 00: +8ˢ,+ -ˢ
+ 8ˢ. + - 561ˢ 0 0 - .ˢ,+ -ˢ: ˢ, .ˢh .".,71 + - ˢ+6ˢ40ˢ 02+8ˢ71 6 + -ˢ,19*1 00 06?
5 1,+ 6ˢ *.4+ 3+0ˢ.9 - 0*%+ ,1 + -ˢ,1 - - ".5+9*.ˢ " 18 +9.6ˢ, .561ˢ0/ˢ +9 ?
6 : 8ˢ+*1ˢ3+ˢ - +"6 8ˢ :+"*0 2+8ˢ. J0 6+8ˢ,+ -ˢ 0ˢ - 1 6+ + -ˢ5+6.606ˢ .+4+"0*60ˢ
5.+,18ˢ71 60 8ˢ "+ - 0*ˢ6 .* - "0ˢ." 6 - .6ˢ 40 - 3+0ˢ 0 0 - .0ˢ4 4 8ˢ."" + 6ˢ3+.ˢ 0ˢ
.4+ - ˢ+6ˢ :1* .ˢ<. -ˢ 40ˢ,1*)90*41ˢ,0 6 1ˢ1* 50 -ˢ - 1 . -ˢ - 5.6 0*60ˢ 0 06ˢ
- +* 6< 3+0ˢ<+/6.ˢ .*+2 + -ˢ,. 6 8ˢ3+1ˢ.3+.6 1*0 -ˢ" 20 . -ˢ7.20 06ˢ1 - *0 8ˢ,15 .8
+.0ˢ .4ˢ///ˢ20"".61 + -ˢ, 1ˢ,1* , 02.*6ˢ *ˢ///ˢ.9 - *.ˢ50ˢ *60 :."".ˢ4 6 2+ 6ˢ
,1""1,.6 8ˢ *ˢ 1*60ˢ - + ." 2+8ˢ - .,7 * 8ˢ*+ - 0 1ˢ//,ˢ $04 608ˢ5.+"+ -ˢ 0 - 16ˢ0 .*6ˢ
90*8ˢ + 6 ,.ˢ .", 2+(ˢ. ,+2+8ˢ9".4 8ˢ 0 "0/ 8ˢ - 1 0 + ,1 + -ˢ * 6 +4 ˢ,1* 6.*6ˢ0 9.ˢ
:1* . -ˢ 40ˢ3+ˢ 5 + - ˢ*0ˢ.+6ˢ,. +ˢ.+6ˢ5 14 6 1*0ˢ *ˢ71 6 + -ˢ - .*+8ˢ40:0* 06ˢ 0 ˢ
:.2.*6ˢ06ˢ.4ˢ + -ˢ 1 .,18ˢ$1"1*18ˢ 1"18ˢ *60 4+ -ˢ,1 - 66 0. 0ˢ5.6 02.*6+*ˢ +4ˢ
+ 3+0ˢ .+8ˢ".6+0 .6ˢ,+ -ˢ * 6 +4.ˢ., 0ˢ :1* .ˢ6+ - 7"+ -ˢ,1* 00*4 6ˢ0/ˢ3+1ˢ%+ ,1 ?
+ -ˢ,. 6 .ˢ,1*60 - 5".6+8ˢ - .<1 0 - 3+0ˢ, 04 61ˢ*+ - 0 + -ˢ.,ˢ +5 .ˢ 50 -ˢ,0 *0*8ˢ40ˢ
- + -ˢ 0ˢ .2ˢ 0 0 - .ˢ5 14 6+ -ˢ 04ˢ 0 1 .* - .4:0 6 6ˢ ""+ - 3+0ˢ3+ˢ,+ -ˢ 8ˢ3+.8ˢ
50*08ˢ 0ˢ7.202.6ˢ,15 8ˢ5 15 +8ˢ71 6 + -ˢ,. 6 .ˢ5 1,0 "0 .6ˢ.4ˢ 0ˢ.,,0 "ˢ<+206ˢ:0 + -ˢ
0 0 - .8ˢ<. -ˢ41"+ -ˢ40604+*ˢ +"5 ,.6+8ˢ 0ˢ0/,+ .6ˢ06ˢ<. -ˢ,+ -ˢ71 6 2+8,1*9604ˢ
5. .61ˢ" 2ˢ*1*ˢ" 20 + -ˢ0 "0ˢ.4ˢ0+ *ˢ:0* 0ˢ 0"51*406ˢ0/60 - 5"13+0ˢ,+ -ˢ 69*.ˢ,.ˢ
*0 0*6ˢ 5 0ˢ +6ˢ*0,0"" 6.60 -ˢ5+9*.*4ˢ :1* .0ˢ - 51*0 06ˢ5 1,+ 6ˢ< 06ˢ,+ -ˢ *ˢ04ˢ
0 "06ˢ+6ˢ,1* " 90 0&ˢ0/ˢ,1 - 5.41ˢ +18ˢ:0/ ""+ -ˢ40 - 660 0ˢ06ˢ5 "018ˢ7. 6 8ˢ0* 2+"3+0ˢ
- 51" 618ˢ + 61""0 0ˢ.,ˢ,.5 6.ˢ "040 0ˢ *ˢ 404 6 1* 8ˢ" 9*+ -ˢ<+206ˢ 3+14ˢ,1*"5 ,.6ˢ
% ,ˢ7. 6 8ˢ *ˢ +2" - 0ˢ0 04 8ˢ 6.6 -ˢ018ˢ: , " -ˢ.4ˢ 0ˢ6 .*" 0ˢ<+20*6ˢ %+ *ˢ3+ˢ
, ,.ˢ :1* . -ˢ0 .*6ˢ.* - 1ˢ 1*""0 *.6ˢ5 - + - ˢ - 1/ˢ6. - 0*ˢ .2ˢ :1* .ˢ,1* " + -ˢ0/ˢ
*0,0 6.60ˢ,.5 0*60ˢ 5* - .6 .**.0/504 +*6ˢ ˢ3+ 2+8ˢ. + , 8ˢ1551" 6ˢ404 6 6
h .".,7ˢ4 9*+ 7ˢ5 14 6 1*0ˢ +.ˢ0/ 6+ -ˢ 1 6 6ˢ " *6ˢ+6 *3+0ˢ06ˢ.ˢ%+ , 8ˢ06ˢ.ˢ*1 6 8ˢ
,.0"ˢ< 50ˢ3+1 + -ˢ,.4.:0 .ˢ71 608ˢ 7,040*608.ˢ h .".," 8ˢ." 8ˢ06ˢ 1 ., 8ˢ 1 6 6,ˢ
5+9*.*6 2+8ˢ 050""+*6+ ˢ< 06ˢ 0+ˢ6 - 1 ,ˢ 0+ˢ4.6.ˢ150 .ˢ+6ˢ*1 6 18ˢ *ˢ *" 4 .8ˢ50 6 . ˢ
70 0*6 60 9.ˢ:0 6+*6ˢ 04ˢ41"+ -ˢ5 .0 0*6 0*8ˢ(+ 0 ,0: +8ˢ +18ˢ 0:2,.6ˢ3+ˢ 0ˢ.4ˢ61 ˢ
- 0*6.ˢ 0, 5 +*6ˢ %+ -ˢ%+ ,ˢ,1*:0 ".ˢ 1*60ˢ: -ˢ ., +*6ˢ06ˢ*1: 8ˢ +2 *40ˢ: 2+8ˢ
.+4ˢh .".,718ˢ.99 04 +*6+ ˢ 0 ,.6 1/ˢ5+9*.ˢ1 6+ ˢ.4ˢ61 - 0*61 + -ˢ4 5"1""1ˢ
*0 -ˢ06ˢ. - 1 + -ˢ06ˢ03+ 6.*6 + -ˢ .91 0 -ˢ4 4*ˢ,". - 1 8ˢ.,,040*60ˢ 0 - 6+ˢ .9 6ˢ
6. + -ˢ06ˢ5+":0 8ˢ*+20ˢ6.*6.ˢ0/, 6.6.ˢ+6ˢ"+/ˢ5+9*.*6 + -ˢ 1,+" 8ˢ0 50 06+ˢ< 3+.0ˢ
12 ,+ 6.85 1,0""1"2ˢ 6.6 -ˢ06ˢ *15 *.61ˢ7*2 0ˢ 0ˢ0 +*40*60ˢ4 ,+" .ˢ06ˢ5+":0 0ˢ06ˢ
+ - 1ˢ,1 - 5 0" 8ˢ< - .9*1ˢ61 - 0*61 + - ˢ *ˢ3+ 2+8ˢ*1 6 1 + -ˢ5 .0, 5+.ˢ: 8ˢ0 .6ˢ40ˢ
6 - 0*61 3+.0ˢ.3+.ˢ - .40 .4.ˢ*1*ˢ50 *40ˢ.4ˢ .,+".6 1*08ˢ 41*0.ˢ +0 0ˢ 03+0ˢ6.ˢ
ˢ7 0 ˢ" 2ˢh .".,7ˢ40 +0 0ˢ - +6+ 8ˢ 0 0ˢ, 71 6.6 1* 2+8ˢ.4ˢ 0 -ˢ6 0*+0ˢ90 0*4. -ˢ,1ˢ
71 6.*608 04ˢ *,+ *20*608%.6. ˢ,+ -ˢ*+" 1ˢ.ˢ61 - 0*6 (ˢ406 - 0*61ˢ. ,ˢ 0ˢ: ˢ
40 0*6 ˢ.+4., +8ˢ0ˢ".602 8ˢ *ˢ3+ 2+8ˢ7.40*+8ˢ604ˢ 040 .*6ˢ09 0 ;ˢ *ˢ,0 6. - 0*
!

h ˁ , ! ˁ - ˁ '

& ˁ ++*6ˁ .,4 8ˁ +"+".6 2+8ˁ *1 6 18ˁ <. -ˁ .6 9. 18ˁ 50 60 0 .4+* ˁ %+ , ˁ .4ˁ +R -+6 6
ˁ ?*+6.*60 8ˁ "1,1ˁ 50""+*6ˁ 06ˁ 5.60*60ˁ "1,1ˁ *ˁ +9. -ˁ 0 J+ 18ˁ 3+."ˁ 616 40 -ˁ 50,+408ˁ , +ˁ
40" 60 ˁ - .4.*6ˁ /ˁ 6 .90ˁ ,+ -ˁ : /ˁ ! @ 1 ., ˁ +50 0 "0*6ˁ 06ˁ 504 608ˁ ""0ˁ 3+18ˁ
/ /ˁ 6. - 0*ˁ :1* .ˁ 06ˁ (+ 0 ,0: +8ˁ - * - 0ˁ .* - 1ˁ " *3++*6 ˁ ' 06ˁ 03+ 8ˁ 0" 4 8ˁ *ˁ
%+ , ,.ˁ 61 - 0*6.ˁ - 506+ -ˁ ., +*6ˁ 3+.0ˁ 06ˁ ,050 0ˁ ˁ 06ˁ ,+ - .44+,0 ,ˁ 0,+ -ˁ *1*ˁ
51 "0*6ˁ ,".: 8ˁ *<0 6 8ˁ ,1 +50 0ˁ *40ˁ *ˁ 50408ˁ ,+*4 ˁ 40 ,0*4+*6ˁ 06ˁ .4ˁ +40 .ˁ *ˁ
0* .0ˁ 41 - +8ˁ 0ˁ 0, 5 *6ˁ 06ˁ ,. 6 .ˁ "1,1ˁ *,1 - - 141ˁ 12ˁ .3+.6 1* 8ˁ 40 04+ -ˁ - .9*1ˁ
0 1 0ˁ - +* *6ˁ L3+14ˁ , 6 +8ˁ 4040*4 ˁ 0ˁ *0,0 6.60 -ˁ E7 6 .* 8ˁ - 51 + 6ˁ + - 3+0ˁ
.2 * 03+0*4 8 h .".,7 8ˁ %+ , ˁ +2ˁ :0 50 .* ˁ 04 0*6ˁ 6.6 -ˁ ,. 6 .ˁ *1 6 1 + -ˁ , ˁ
,+ - :."".*6ˁ 6.*61ˁ *+ - 0 1ˁ 06ˁ 6. *ˁ 4 " 90*60ˁ ,+ 614 .ˁ +6ˁ *0 - 1ˁ 0".2ˁ 51 606ˁ $1 6 4 0ˁ
4 5"1 .ˁ *ˁ 12 0 "28ˁ .2ˁ 71 60ˁ 61 - 0*6.ˁ 3+ 2+8ˁ 6.* 0*ˁ 12ˁ :."" ˁ ."6 6+4 *0 - ˁ 0: 60ˁ ".,ˁ
402.*6+ ˁ ,+ - 3+0ˁ %+ ,ˁ 4 , "0 -ˁ ,. 6 1 + -ˁ 0/5+9*.6 1*0 -ˁ ,0 *0 0*6ˁ 5, *60 ˁ
+, 18ˁ :1* . -ˁ 60*6.*6ˁ 3+1ˁ - .6+ +8ˁ 0ˁ 4,4 6+ +8ˁ 6ˁ 01ˁ - 0 ,1 4 .0ˁ .ˁ %+ 48
26 *0*4.0ˁ - .<1 0 -ˁ 50 -ˁ ., +*6ˁ G+. ,ˁ ,1*, " 1ˁ :1,.61ˁ 4+,+ -ˁ 0*6,*6 .8ˁ 0/ ˁ
3+ 6ˁ < 4040 0ˁ 0ˁ .*ˁ 90*0 1 .ˁ - 1 60ˁ : 61 . -ˁ 71 6ˁ +*0 6. -ˁ .,0 0ˁ - .""0*6ˁ 06ˁ 6.ˁ
%1"1* ˁ 0*6 52.*6ˁ < + -ˁ 1 6 60 ˁ 5+9*.*41ˁ 90*0 1 0ˁ ,.40 0ˁ 516 +8ˁ 3+. -ˁ 71 6ˁ .,ˁ
: " - 1ˁ 50 ˁ "+4 2 + " ˁ 4040,+8ˁ 06ˁ 4 18ˁ , +, .6+8ˁ ,1*6+ - 0" 1 0ˁ <+9+".*418ˁ 0ˁ 5 .0 ˁ
20 0ˁ 156.6 +8ˁ 4+,0 0*6ˁ 04ˁ h .".,7 ˁ 3+1 + -ˁ - .<1 ˁ * - 0 +8ˁ 0 .6ˁ 3+.*3+. -ˁ 0ˁ .4ˁ
0/6 0 - .ˁ 3+.03+b#5. .618ˁ 1 60*40 0*6ˁ 6. - 0*ˁ ,+ -ˁ ." 3+. -ˁ 9 .6 .0ˁ .ˁ %+ , 8ˁ 50 -ˁ :1 ˁ
.0ˁ 06$1"1* 8ˁ *90 40*6ˁ 51 6 0 - 1ˁ :17 . -ˁ .* - .*/ + -ˁ 06ˁ "+4+.*60 -ˁ 01ˁ 5, ˁ
5+"0 +*6ˁ +6ˁ 616ˁ .* - . + -ˁ - 0 6+8ˁ 7.202.6ˁ 3+ 550ˁ *ˁ ,. 6 8ˁ / /ˁ ˁ 20"".61 + - ?ˁ
3+1 + -ˁ 5"0 3+0ˁ *ˁ 71 .8ˁ 6ˁ 0*04 ˁ 0/.* - .2.*6+ ˁ 4040 0ˁ 0ˁ 5. .6+ -ˁ 1 60*40 ,6ˁ <
- 141 *ˁ .03+.8,1*4 6 1*08ˁ %+ , ˁ ,1* 0*6 0*6ˁ 3+.8ˁ 5+ 5+ .6ˁ 06ˁ 5 .0 04 ˁ *9+" ˁ
056 08ˁ .47 2 61ˁ <+ 0<+ .*41ˁ 6 - 0*6ˁ .0ˁ 0 .*6ˁ +6ˁ +* :0 +8ˁ 03+ 6.6+8ˁ $1"1*+8ˁ ,+ -ˁ L
03+ 8ˁ 06ˁ - 504 - 0*6 8ˁ .":+8ˁ 4 - 660 06+ ˁ " 20 1ˁ # 0 6 6 .* 6+ˁ 0 8ˁ 50 - 2ˁ ˁ 5 0ˁ
3+ˁ 5., ,02.6+ ˁ ; : 8ˁ 06ˁ *,1"+ - 8ˁ ,1 . -ˁ (0" - 1ˁ 60 06+ ˁ .44 6+ - 3+14ˁ .4ˁ h. ˁ
".,718ˁ ,+ .0ˁ 018ˁ (0" - 1ˁ 1 0ˁ +6ˁ 3+1 + -ˁ 50 * 0 08ˁ 06ˁ %+ ,1 + -ˁ - 50 .61 ˁ 06ˁ 0 8ˁ
3+18ˁ ""0 h .".,7 .040 *,058ˁ 5 .0 04+ +8ˁ 6ˁ - .9*+ -ˁ 0 06ˁ 406 - 0*6+ -ˁ ".6+ .ˁ G+ B
2+8ˁ .4ˁ 5+ 5+ .618ˁ 50 ".6 8ˁ "" ˁ :0ˁ 5 1 - " .ˁ - - 0ˁ "0 :. 0ˁ ,0 6 ˁ :0ˁ 0ˁ 0, 06+ -ˁ
50*08ˁ .5+, + -ˁ + - - +*ˁ 20"" ˁ 4+,0 -ˁ 0 "06ˁ 5 16 *+8ˁ 1 - * .ˁ 51 6+".6.ˁ *9+" ˁ 056 08ˁ
., . - 0*61ˁ - " 6. ˁ 6.*ˁ < +1ˁ 3+. -ˁ - " 6+ -ˁ *1 - *0ˁ ,1* - .*6ˁ 1/3+0ˁ 5 0ˁ ,. 6 8ˁ
3+. ˁ 1 - * ˁ - 06+ˁ 1"+6+8ˁ .4ˁ 5+ 5+ .618ˁ ,1*60*4 6ˁ ' 06ˁ 5 1ˁ $1"1* 8ˁ .5+4ˁ 018ˁ 1 .6 1 ˁ
*0 -ˁ 7.2+ 6ˁ 3+18ˁ - +"6 8ˁ &0 2 8ˁ 3+. -ˁ 516+ 6ˁ 71*1 ,0 6 - 0ˁ ,1 -ˁ - 0*4.: 6 14 + - ˁ
3+1ˁ .5+4ˁ %+ ,18ˁ ".21 .2.*6ˁ *ˁ 0ˁ ,1*:0 60ˁ 619.*8ˁ %+ *ˁ 51 04.ˁ $1"1* 8ˁ .4ˁ 1 ,+"+ -ˁ
- 1 0ˁ 90*6 8ˁ - .*+ˁ 018ˁ .ˁ 0ˁ 4 - 66 6ˁ 1 .618ˁ +6ˁ + ˁ : , " -ˁ - 0 - 1 08ˁ 0 "0*6ˁ 40 -ˁ 06ˁ
h .".,7 8ˁ +"6 - + -ˁ :."0ˁ 4 ,0*8ˁ .5+4ˁ 5"28ˁ 0, 6ˁ %+ *ˁ 0,1 4.6+8ˁ .+ ˁ 06+* 1*+ - ˁ
3+18ˁ 50*08ˁ 0ˁ 7.202.6ˁ $5"1*18ˁ 0:1,.6ˁ 06ˁ : 6+60ˁ 01 + -ˁ .,ˁ 40ˁ 0 9.ˁ 0ˁ 60 + -ˁ ".+ ˁ
4.6.ˁ 5 06 1ˁ *60 ˁ 018ˁ 4 6 2+61ˁ 06 . -ˁ 50 -ˁ ., 6ˁ ˁ 3+ 40 -ˁ ,1 . -ˁ (0" - 1ˁ ,+<+8ˁ
1 - *0 8ˁ 0* +8ˁ 0ˁ ,.""0 0ˁ. 02.6ˁ 21*.ˁ 40ˁ 60 06+ ˁ 1 ,ˁ < +6ˁ 1"4.: .ˁ 60 + -ˁ 516 0 ˁ
6+ ˁ *60 0.ˁ + ˁ - 0 - 1 . -ˁ 0 :. 0*6ˁ 1 6+*.0ˁ 1" - ˁ +.0ˁ 0" 1 8ˁ +6+ .0ˁ 5. 6 , 508ˁ
6.ˁ ".4 - 8ˁ +6 *3+0ˁ 121 6 8ˁ ""0ˁ ˁ - 1" 1$1"1*2ˁ 0,+ -ˁ. + - 561ˁ .4ˁ 0. 6 .ˁ 71 6 + -ˁ
50 9 6ˁ 06ˁ ,+ -ˁ 5+ 5+ .6 8ˁ 3+.6+1 ˁ 71 . + -ˁ ,1""13+ + -ˁ 7.2+ 6ˁ +2 ˁ .5+, +8ˁ 1,,. ˁ
""1*0ˁ 0/ˁ +50 21ˁ :1* .0ˁ 0 51*"2ˁ ,.56.ˁ 6 41ˁ 9".4 1ˁ :0*6 0 -ˁ ., 0 - 3+0ˁ 404 6 6 ˁ
4 , 4 6ˁ ' - 1/3+0ˁ ,.56 :+ -ˁ 5 .061 .*ˁ ,1 5 +*6ˁ 06ˁ 0 - : :1ˁ ,.5+6ˁ .ˁ 6 +*,1ˁ 4 : ˁ
4+*6ˁ 40 *40ˁ ,1 5+8ˁ 504 2+8ˁ 4+1 + -ˁ ,. - 0"1 + -ˁ ."" 9.6+ -ˁ 20""+ 8ˁ 7ˁ 4 :0 + -ˁ ,1* ˁ
, 6.6 8ˁ 4 ,0 50*4+ -ˁ 12< , *6ˁ ,.5+6ˁ 7. 6.0ˁ * /+ -ˁ ' ,.4.:0ˁ *ˁ + 6.ˁ ,5*, + -ˁ <
,+<+8ˁ 0/ˁ , +1 0ˁ ,0 6.6 -ˁ * " 608ˁ 9".4 18ˁ 50 +*902.*6ˁ .*9+ *0 -ˁ 06 . -ˁ 03+ 8ˁ 516.* ˁ
ˁ 4+ -ˁ 51 90*608ˁ :0ˁ +"6 1*0ˁ .*ˁ .4*. .6 1*,ˁ : 6+6 8ˁ - " 6. 8ˁ 3+. -ˁ 06 . -ˁ *ˁ 71 60ˁ
+ 5 , 02.*6ˁ *40ˁ :0 +8ˁ * h .".,718 +55" ,08 - 506+8ˁ 3+186.*3+. -ˁ 50 4+0""0 8
ˁ 3+ 550

% $ ˁ 7ˁ ˁ % ˁ 2 4 ' " 63#$

(%) ' ' & VU

(*'# - . * , .0'4 6 1 * ' +2 618'50, 64+ - ' - 1 0'<+9+". *6' G+1': 1 1 . , ' ,) - ' &? '
.4' +.' , . 6 .'<. - ' .'%+ 48'1, ,+5.6.' 04 6+8' *1*' 0 "06' 0 0' - +6+1' ,171 6.6' *'40* . ,+8' ='
%5 ,1 + - ' .9 - * . - .9* 8' .* - 8' ++*6 ' 06'5 .+4'.'*+ - 0 1 1'71 60'12 6 *.60'5+9'
* .*41' *60 0(" ' +*6 ' .56 </+ - ' - 1 ' *1*' 516+ 0*6' (+ 0 ,0: +8' 5 .045++8'
20"" '4+/ ' 06' ,+ ' + * ' 0 '20*0'90 6.0'01'20""1'40,+8'40202.6+ ' U 1 "1: +8' (.41 4+8
=."0 , +8' 0 ,1: +8' 15 4+8 'A.*, +8' (1,1"1: +8' 1: +8 19+" +8' 2 1: +8
(+4* +8'< 3+' + 6 .' 1" 46.6 ' +6' 0<0 .6.'&0 .' 0" 9 1*0'.4' - 5 . - '%+ ,1 + - '< /50 '
6 1*0 - '40 ,0 0*6'51 6 0 - 1'.2'70 8' + 8'9 .*4 '50,+* .' 040 - 56' +*6' 6.' 1"B
4 . : .'.63+0'.401'+6 .3+0'h .". ,7 .' + +8'<+ 8'%+ , 4' . 6.'0 6'6 2+61'9 .*4 ' ""1' 6*'
50 .61 3+14'$06 +8'% .* ."5 * ' h .". ,7 ' .60 ' 3+' :1* .0' 194.* ' 0/5+" 1 ' +, '
,0 " 6 ' .' (0" - 1'5 1: *, .0' - 51 6+8' 50*40 0'5 1 - 0 .6' - .9*1' *,1* 6.*6 .0' 0B
+ - '7+ - .*. + - '06' 4 : *.0'+"6 1* 8'0/0 - 5"1 ' +6' 1 - *08' 7 *,'4 ,.*6'.2'1 - * ' - ."0 '
, 1'06' *<+ .'60 - 50 . 0' - 0 - 1 08' 3+14' ,+ 3+. - ' 0,0 *6' 40 - ' " 2 ' .' 3+1: 8' 0/ '
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& ' '8' 40' 02+8' *' , . '06' . , .'90 6 8'*+*, 1' *' 6.< . - ' ."".61 ' ,1*,056.'0/'
0* , ' J .*, .0'06'$1"1* .0' 09 8'+2 3+0' 0 6 8'51 - 5 8'0/ ,0560'.4:0*6+'".06 6 .'7.+4'
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6 ,+8' 1 - 1 .*6 +8' . - : ""." . , , 6+' (.2. +4' 40' . , ,056.' :0 " 6' ' 06 *60 : ,*6.' . '
9. 6.0' 09 8' . - 6.0' "04 - .0' 10 - *.0'06' **.61'5.6 .0' . - 1 0' E."" , ' *1 - * 8'
6+4 1 " - .0' * 7 "' *1*' .4+ - '0 6' +6' 0/' 1 - 1 .*6 8' 0,1*, " . 06+ ' 06' 1 - * 8'0/'
.* - 1' . - : "".0' , +5+"+8'06'14 ' 09 ' + 5 , 1'61""0 06+ ' &0 + - ' 0/ ' *60 ' .4 1 '
' *08' +2' . 1"1' .6 0' .'5. 0*60' 09 *. '4+ - ' E+ .*1 + - '06' 1 - 1 .*6 1 + - '5. '
6 2+8' 09*+ - '4 6 .70 06+ '04+, .6+8' *' ."60 1 + - '5. 608' 6 .* 0 .6' 0/ ,+ .*41' 1 60'
6+*,'0 1 0' ,+ - ' - .<1 + - ' 0" 9 1* 8' , .+ . - ' .9 ' .6+8' 3+. - ' E+ .*18'6+0 ' ,1*6 .'
1 - 1 .*6 18' *'9 .6 . - ' 1" * 1 + - '155+9*. 0' , 0402.6' *' E+ .*1 + - '12' 4' . '
:1 0 - ' V'5 150*40 06' 140 - '60 - 51 0' .4' 0+ - ' +94++*1' :0*0 .*6' $7 " 55+8' 0 + '
."6+8' 0:0 * +8' 5 .0, 5+) 8' ,1* " . +8' 06' 0<+8' 1" - ' , .*00"". +8' 0 *. 4+8' ' J C. '
06' ,1".+8' 01: ""+8' & "". 09 +8' .' 0, 06 8'05 61" 8' .' 09 ".' - '3+.0'40' 69 8' " '
:1"+*6.60' *,0 6.' .* - '4 , +, .2.6 ' . *'3+ 550'50 ' " 60 .8' - 2*+0 .6' 0* .6+8'
ri& ""1,". +8' 0 , . , 1 '3+. - '151 6+ 6' 70 "" 8' *90* ' , ,+ * .90*4 ' . 6 0/ ' 090 - '
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5 +8' .2 0*6 . - ' .2'0/ ,0 "+' .6 8' 40, 06.'06'90 6.'0 "0 6' 0 , *40606 *1: . - ' .4 - * '
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- *.< 50*08' 3+. - ' + - - .' 0 + - ' +2' . 1"1' +0 .6' ,+ - ' - .<1 0 - ' - +"61'5160*6 . - '
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) 1'*1 - *0' 19. 06' +6' +"6 - . - '1 - *0 - '40' 05+2" , .' 0*60*6 . - ' + 50*40 06' 41*00'
51""' *9 0 + - ' *' 09*+ - '00 6 +8' 0414+8' 40' 06+ *' + - - .' ,1 . - '40,0 *0 06' G+14'
,6' ""0' 04+"1' 0, 6' 06' ,+6 '<+ "+8' 06.6' - +"6 8' .6 1* 2+8' 0' : . 8' + - + 0+" 8' . 6 , 1 0'
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. ' ' ' ' ' ' /'G=!G3 >3-3) < 3>'G>+)C2" 1' >302')6' ")C2"0'(' %2=3' ')3= G'=)39 ! ((')2) !6' 2%29
H3B 21' ">3G)29 3+)6' ' 3H 2+"0'(9 3=!=+2')' G'=)39 ' ' 3=!='9 'G+21' G!+)3" (3> +3=!' G!3 ')2)' !>31')318
=3B !' G=!G=' !' +!&3=3% C2"9 13('29 ! +2()29' "=0'0' G!'=3 $ " "$
)=' !' =3' +21G) !5' G!)'29 >'+'G"=3 3)01 ' !') !((3=7

P 3 (

G 51 0 , 0402.*66 40 - 044 4 6 "" +8 3+ 40 - +6. 4. ,+ - . - : "". "2 , *+ 7
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7+<+8 :0 1 +6 $ 160 6.*6 - ,.+ .0 2.+4 4+2 0 .:0*6 8 G+.0 - 1* 6. .2 71 - *,
2 41 06 9 .6 1 1 06 . 090*60 - "2 5 1 04. 6. - ."60 * 09 8 5046+8 40 00*40 +*6
<6 050*6 51"" . ,.*+ - ,+ - 0:0 * 1 ,1""13+ + - 1 - * *1 ." +8 .55. + 6 < ,+ -
0 ." 0* 1 0 .* - 1 .2 8 ,+ - 3+ 2+8 6. 6. . - " . 6.60 .*60. +602.6+ 0"%0 1""0*
40 06 . 1 ,18 .""13+0 06+ 06 ." + - :+"6+ - ." . - 50 1*. - +2 61 *4+ "%0 : 40
06+ .3+0 0 0 04+ - , 04 6+ +6 0/ * 0""1 50 0 0 9. 1 - 1 .*6 18 .* - 1?
,+ - 6. - 0* . 0""19. 4 1 06 $ 2 ., 1 50 +. +8 06 * 6 9.*60 (.2.+41 3+0 * 1 - 1
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,+*4.2+*40 * ,1 *0956 1 :0 .6+8 + "%06 0 .4 20""+ - 0 1 ., 04+"1 90 0*4+ -
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5+8 +6,+*3+0 51 60. 0 - 0*4.60 556+ 6 0/ ." 1 *1* .03+0 ,1 9 2 " ,+ - +". : 6 40
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, ,.6 1*0 - 06 0 6 6+". - (.2.+41 1 - *0 - 0 0 0<) 8 4 6 1*0 - 0908 *1 6 7.4 0*+8
5 9*1 8"1,1 06 *+0 .*6 4+ - ,1*6 1:0 .0 40 ." 8+ 2 2+8 . , 2+8 ., 4 6 1* 2+8
3+.8 . (+2.+41 1,,+5.6.8 0 6 6+ 4020 0 ,1*60*402.*6 +"6 - 1 @+4 , 1 40, 40 0*6+ p
0. 3+0 ,+ - (."+, .0 5 *, 5.6+ +2 0.40 - 5 .0 04+ . ,1 - 5"0/0 +0 .*6 $ .0
0" + . - 6+*, 126 *02.6 +41: ,+8 E1*C.9. U :0 *0* - - 4+/ 3+ :0 12 :060 08
.*6+.*1 + - 5 * 5+ - ,+ - (.2.+4 .0 4+, 2+8 - +"6.608 06 0,0*60 - 40 1*
0 .60* - . 02 1*.6+ ,1*60*6 1*0 - :0 40,1 8 06 *1 - * 8 E."" , +4 1 ,+ -
N 3 8 (6.6 " 8 * .9 1 1* 0 .60* 0" 06 3+1 .4 :."06+4 *0 - ,+ .*4. - ,1 -
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* "06 50 ,1".+ - 1*.*+ - - "1 : S." 4 0+ - .2 21, <+/6. 5+40*41 06
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:1" 9* ,.6 1*0 0/,05 6 09 *. V + 91* + - 5 1,0" 0 5.* 8 ,14+ . *12 "0*<
6 ,+ - 3+14 1,,+"6.0 1*6 + - 01 "1,1 ,.6+ 0*6 + - : 6+6 6 2++*6 3+1 51 6 4 0
0/ .4 - .6 0 - :0* 6 06 +6 40 - * 6 *0 0 4.6. - ,+<+8 <. - 510* 602.6 " 20 . 06
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40"09.6 8ʿ$ 160 6.*6 + - ʿ06ʿ 1, 2 - - ʿ+* 61 - - ʿ3+ ʿ *ʿ .+ʿ ʿ ʿ
". - ʿ :0*6+ ʿ 5 1504 0 - ʿ 0/ 504.2.*6+ ʿ 40ʿ5 ,0ʿ .9 ʿ 5".?
(0 06 ʿ .* 0 1ʿ . - 8 0 - 94 ʿ +6ʿ 5 0 4+0""08ʿ : ʿ *ʿ 1 4 ʿ
*0 - ʿ ,190 0*6+ ʿ 08ʿ *ʿ ,1*" ""2 1ʿ 0, ,6 2 0ʿ .9 6.6.ʿ ,1B
. - ʿ 09 . ʿ , . 4 * ." ʿ 167. *91 ʿ E " 1ʿ4 ʿ ." 8ʿ0<+ 40 - ʿ
. - " .0ʿ5 1,0 2+8 ʿ ? 0 - 1 1 1ʿ *91" - 07 ʿ *1671
"20 61ʿ PE 1*4 1ʿ .40 . + - ʿ ,1 - 60ʿ 06ʿ ." (ʿ 03+ 6+ - ʿ
3+ ʿ .40 .*6ʿ6 2+* 8 ʿ .,ʿ40"04 8ʿ ,1*" " . 8ʿ0/,"+ 1ʿ *40ʿ
ʿ$ 2 . , 1ʿ +6ʿ + 5041 ʿ .*6ʿ *ʿ .+".ʿ .63+0ʿ .401ʿ *ʿ ,1* 61 1ʿ 09 1 5 .060 ʿ E+ . ʿ
*1 + - ʿ 3+ ʿ 090ʿ *ʿ 01 + - ʿ 5. 608ʿ 5 150*40*60ʿ5 .051""02.*6ʿ 06ʿ 1 - 1 .*6 1 + - ʿ
5+2" ,.ʿ , .". - 6.60ʿ 155 0 1 + - ʿ06ʿ .47+,ʿ6. - 0*ʿ :." 41 + - ʿ .4 1708ʿ ." .0ʿ4+.0ʿ71 ʿ
- *+ - ʿ 40ʿ 05+2" ,.ʿ 4 :0 0ʿ 076 0*6 + - ʿ *03+0ʿ 6. - 0*ʿ ."60 +6 ʿ "". + - ʿ 6+4 8\ʿ .+ ʿ
:1"+*6.6 2+8ʿ ,1*<+*41 + - ʿ *. - ʿ+6 3+0ʿ5. , "+40 0ʿ06ʿ5+2" , .0ʿ609* ʿ6 .*3+ "" 6.6 ʿ
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.2 3+0ʿ 60 - 50 . - 0*61ʿ 3+. : 8ʿ .6 1*0ʿ 06 *0 0ʿ".6.91*6ʿ . , "0ʿ 0ʿ *0,0 6.60ʿ .44+, ʿ
5.6 02.*6+ ʿ +6ʿ *ʿ01 + - ʿ9 .6 . - ʿ 3+ ʿ . - .ʿ0<+86+0*4.05 .060/6+ʿ + - 02.*6ʿ 40 - ʿ
$ 460 6.*6 2+8ʿ 4.6. - ʿ :0"ʿ , . : "".61 .ʿ *60 5 06.6 1*0ʿ 0"+40 0*6ʿ .+6ʿ 1 - * *1ʿ : 1". ʿ
0*6ʿ " ʿ.ʿ - .<5 + - ʿ 3+ 40 - ʿ 0" 9 1*0ʿ4 ,040 0ʿ*1"02.*6ʿ 04ʿ - +"6.ʿ *ʿ0.ʿ6 .4+ʿ
60 - 51 8ʿ50 ʿ . : . 6 . - ʿ06ʿ , . "%. - ʿ 9*1 .*6 . - ʿ * :04. ʿ .4ʿ 0 ʿ ,1*6+ - 0" . - ʿ 06ʿ - +2ʿ
61 + - ʿ1 0*" 1*0 - ʿ 50 6 *0*6 . ʿ ,1 9 ʿ ,+5 02.*6ʿ 023+0ʿ $ 160 6.*6 2+8ʿ .03+ 1 0 ʿ
. - ,0ʿ ,+ - ʿ 8ʿ6 .* 9 ʿ 40 - ʿ "" 8ʿ5+2" ,0ʿ 4.6. - ʿ21*.ʿ 40ʿ 0 : . ʿ 06ʿ3+. : 8ʿ .6 1*0ʿ
5. , , - ʿ *0ʿ3+.ʿ0 - 0*4.6 1* 8ʿ*0916 + - ʿ5 1, ,40 0ʿ*1*ʿ5160 .6ʿ ,1* 6 6+ ʿ402060ʿ ,1 ʿ
60*402.*6ʿ 6ʿ 6.ʿ "" ʿ E+ .* 8ʿ20"" ʿ1, , . 1*08ʿ +*40,+*3+0ʿ , .56.*6 2+8 ʿ 7 ʿ 1 - 1?ʿ
.*6 8ʿ 5. ,0 - ʿ + .40*6 2+8ʿ . :02.*6ʿ< 3+. - : 8ʿ ." 13+ ʿ .2ʿ 01 + - ʿ 5. 6 2+8ʿ +6 3+0ʿ
." 0* ʿ +<+8ʿ 51 6 0 - .0ʿ ,*60*6 .0ʿ 5 * ,058ʿ +0 .6ʿ ,7.0"ʿ D 1 5 6." +8ʿ J .*, .0ʿ
, .*, , "". +8 ʿ : ʿ - .9* 6+4 *0ʿ .* - ʿ ,1* 6. 6 . ʿ *609 6.60ʿ06ʿ4 1 * . ʿ - +"ʿ5 .0 6.*8ʿ<
3+ ʿ * ". - - .6 8ʿ12ʿ 0" 9 1*0 - ʿ515+" ʿ14 8 ʿ - .9*.ʿ * : 4 .ʿ *ʿ .+".ʿ06ʿ6161ʿ 09*1ʿ ,1* ʿ
".9 . :0 .6ʿ 12ʿ 4ʿ 6.*40 - ʿ .+".ʿ5+" +8 ʿ 06ʿ .**1ʿ +50 1 0ʿ41 - ʿ +.0ʿ0/6 *4+8 ʿ +.0 ʿ
3+0ʿ 0*60*6 .0ʿ .4 6 5+".61 08ʿ 0" 3+ 6ʿ *ʿ .+".ʿ $.+"+ - ʿJ1/ + - ʿ *ʿ 0*.6+ʿ 7 61571 ʿ
+ - %7+.*+ - ʿ ,+ .0ʿ "" +8ʿ5 - . + - ʿ5 .0 40 - # 7 61571 + - ʿ ʿ . ".0+ - ʿ5 .0 ʿ
40 - .56 6. - ʿ8 0* " + - ʿ06$ 2 . , + - , ʿ .4:1, .61 ʿ "60 +8.+41 ʿ + 6<1.**08ʿ
% 1 : ""0 +8 ʿ1" - ʿ05 ,15+8ʿ + 0" .*0* 8 ʿ : ʿ - 6ʿ06ʿ5 121ʿ *9 * 1ʿ , .+6.ʿ06ʿ60 - ʿ
51 2+8ʿ . , , - - 14.6.ʿ5 +40*6 .ʿ 1 5 6." 1ʿ - .<1 ʿ , 04 6+8 ,+ - ʿ ,060 8ʿ5. 6 2+8ʿ 2*9,ʿ
0 06ʿ * 0 1ʿ ʿ ,+<+8ʿ 03+. ,08ʿ%0 - 50 ʿ *ʿ .+".ʿ5 .0 : ."+0 +*6ʿ ʿ ,13+0ʿ .4+ - ʿ +6 ʿ 9 .2ʿ
. - 0ʿ 6+ 2.8ʿ ,+5 0*6 + - ʿ .4 1*0 ʿ 616ʿ04 4.ʿ ." .ʿ +50 ʿ ." .ʿ ,1*4 6.06ʿ 616 08ʿ : 1".6.ʿ
" *6 ʿ616 08ʿ 0*1 : .61ʿ 20""1 ʿ06ʿ0.40 - ʿ"0 : 6.60 ʿ 3+.ʿ + ,056+ *ʿ +0 .6ʿ4051 61ʿ ʿ 41*00ʿ
.4ʿ +"6 - + - ʿ51 6 0 - 1ʿ 71, ʿ3+1ʿ616+* ʿ 09*+ - ʿ 3+. ".6+ - ʿ . ,ʿ +*4 6+8ʿ5.0*0ʿ0 : 0 + - ʿ
0 6ʿ 20""1 ʿ5 +40*6 .ʿ ,1* " . 1 + - ʿ ""1 + - ʿ1 - * *1ʿ0 : .*+ 6

ʿ ,ʿ 9 6+ ʿ $.+"+8ʿ ʿ J1/ +8ʿ 4 ,0 0ʿ <+ +8ʿ 3 4 6+ ʿ ,ʿ 20""1ʿ 6 2 ʿ ,1* +"0*6
7 6 .* - 0ʿ 0/ʿ4+2ʿ *ʿ5 - 8ʿ : 40*4.ʿ +*6ʿ ʿ +6 "0ʿ .+6ʿ *0,0 ". + - ʿ ""+4ʿ 6ʿ 3+14ʿ
90 0*4+ - ʿ5 151* 6+ ʿ 06ʿ+6 " 6.60 - ʿ - 06 ʿ 40208ʿ .+6ʿ0/ʿ 0ʿ 5 . ʿ .+6ʿ06 . - ʿ0/ʿ ; . 8

7.2 6.

% $ ʿ / ʿ ʿ ʿ ! $ʿ / ʿ.' 6 ʿ ʿ ʿ > . ʿ 2 , 0 ʿ
.' ʿ ʿ " $5ʿ U ʿ> ʿ ʿ ʿ4 .ʿ D ʿ 4B & ʿ ʿ ʿ B 0ʿ ? ʿ I ʿ
4 . ʿ 6 . $ʿ ʿ 0ʿ ʿ ʿ 6 $ʿ 6 (ʿ ʿ) $ʿ ʿ ʿ> A
% ?ʿ , , ʿ 7 61571 + - ʿ ʿ ,7 ""0 - ʿ
.) + + ʿ +

VĎ ˢ ˢ Mˢ

&ˢ7.2 6.ˢ5 .0 0*6 8ˢ 0 . -ˢ ".6+8ˢ .6 1*0ˢ4 ,+ - 6. "6 8ˢ' 3+.0ˢ ˢ1 - * .ˢ40 +*6ˢ6. - 0*
. ˢ ˢ ˢ, 6 .ˢ 09 ˢ . 6 9 ˢ06ˢ5+2" , .0ˢ3+ 06 8ˢ 3+.0ˢ,+ -ˢ 09 .ˢ - .<0 6.60ˢ 0 - 50 ˢ50 ," 6.6+ ˢ
4 50*4 + - *0: 6.2 " 8ˢ." 13+ˢ *<+ .ˢ4 " -)". ˢ*1*ˢ5160 6ˢ20""+ - ˢ*0,0 " 6.60ˢ0/ ˢ
,+ .6+ ˢ 6ˢ0/60 *.< <+ 40 - ˢ20"".ˢ." 3+.*41ˢ+6 " 6ˢ + * 6ˢ ,+ - ˢ *<+ . - ˢ5 15+" . - +8ˢ
06ˢ :060 0 - ˢ +", ,0*41ˢ *1: . - ˢ5 17 20 - +8ˢ' ,+ - ˢ 0/ˢ4. - *1ˢ71 6 + - ˢ"+, + - ˢ, .56. ˢ
- +8ˢ0/ˢ 51" 8ˢ01 + - ˢ4 60 , - +(< .+6ˢ40* 3+0ˢ5 1: , .8ˢ20""15. 6.8ˢ - 50 1ˢ.4< , ˢ
- +8ˢ 6ˢ3+.0ˢ 20"" ˢ, : " 8ˢ +6 " 6.8ˢ .* - 1ˢ *9ˢ5160 6ˢA *ˢ3+1ˢ5 1ˢ".06 6 . ˢ"+, 1ˢ06ˢ
"0, 6.60ˢ *4+8ˢ510* 60*6 .ˢ06ˢ4 0 1".6 1ˢ : 41 . - ˢ 0 0ˢ 03+ 6+ 7ˢ *ˢ 3+1ˢ .0ˢ +" ˢ
6 1* ˢ14 8ˢ56 15 1ˢ .*9+ *0ˢ5. 0*6.6+ ˢ06ˢ : 4 ˢ: 41 3+0ˢ50 ˢ5+2" , . - ˢ<.4+ . - ˢ
,1*4 6 1ˢ.03+ .6+ ˢ.,ˢ5"06+ - 3+0ˢ5"+84. - * ˢ: 41 ˢ3+. - ˢ: 4+8ˢ 0X 1 6.6ˢ 6.3+0ˢ4 ˢ
, :0ˢ4020"". 1ˢ.5+4ˢ 1 - .*18ˢ5 +40*6 " - 18ˢ 0 + - ˢ.0 6 - .61 08ˢ6 + - 57. 0ˢ*1*ˢ")ˢ
,+ 6<3+ 2+8ˢ *0 8ˢ5 15.9. 0ˢ 1, 18ˢ40 0*40 0ˢ40,+8ˢ6+0 ˢ5 .0, 5+.ˢ,+ . 0 - 506ˢ
+ 6ˢ ,ˢ20"" ˢ : " 8ˢ*1*ˢ40,+8ˢ*1*ˢ".06.ˢ: 41 . ˢ*1*ˢ 508ˢ 51" 1 + - ˢ * 8ˢ0 6ˢ .6 8ˢ
7.206ˢ: 41 ˢ6ˢ5. ,0 - ˢ7.20. < " ˢ,1*,1 4 . - ˢ . , .6ˢ 6ˢ14 . ˢ" - +"6.608ˢ,1 - 51*.6ˢ06ˢ
+* :0 18ˢ.4ˢ12 03+ + - ˢ06ˢ - +6++ - ˢ. - 1 0 - ˢ 04+, .6ˢ G+.ˢ *ˢ 0ˢ 4 +6 +8ˢ - - 1 . ˢ
0<+8ˢ 6ˢ3+ˢ16 1ˢ6+5ˢ06ˢ5.6 0*6 .ˢ.2+6ˢ:0" 6ˢ %.*6+ - ˢ3+.0ˢ40ˢ ., " 6.60ˢ0<+8ˢ90 0*4ˢ
.+6ˢ*0,0 " 6.60ˢ,1*6 .ˢ. 0 +*6+ ˢ4 "+0*4.ˢ +*6ˢ3+ 2+8ˢ3+ .ˢ5 .051 60 .ˢ40ˢ 02+8ˢ.4ˢ
0 - 5+2" , . - ˢ50 6 *0*6 2+8ˢ *ˢ.*9+" 8ˢ.,ˢ, ,+" 8ˢ4 5+6.*4ˢ" 20 6.60ˢ0.ˢ *ˢ1 0ˢ1 - *ˢ
515+"1ˢ +*6ˢ 6.6 - ˢ * 6 1ˢ1, ,+ 0 0ˢ40, 0: ˢ 0""ˢ 7+<+8ˢ. - ,0ˢ,1 - 51*0*4 ˢ . +*6ˢ
50 5"0/.ˢ06ˢ4 , " 8ˢ .6 1ˢ0 6ˢ5 1560ˢ + 5 , 1*08ˢ14 .ˢ *<+ .8ˢ4+. - ˢ 0" 9 1*+ - ˢ
60ˢ 0ˢ5+9.*6 + - ˢ + 6 . 7.40*+8ˢ60*6.6. - ˢ,1*,1 4 . - ˢ3+. +*4. - ˢ . - " . +*ˢ
.0 - +".6 1*08ˢ.,ˢ - +"6.608ˢ 6.3+0ˢ,+ - ˢ. - ,0ˢ,1 - 51*ˢ*1*ˢ51 6ˢ*0,0 " 6.60ˢ.4ˢ
0 - ˢ: ˢ90 0*4. - ˢ 0/ˢ.4 9 6+ ˢ,+ˢ06ˢ<+ 6 1ˢ, .+ .ˢ06ˢ1 - * .ˢ. .6 - ˢ06ˢ.4ˢ - .*+ - ˢ +5ˢ
506+*6ˢ' 3+.0ˢ 04 6 1 8ˢ .,ˢ50 4+0"" 2+8ˢ 0 0ˢ40 +*6ˢ &0 + - ˢ.*,058ˢ20""ˢ."0.ˢ06ˢ *ˢ
,0 6+8ˢ : 41 .0ˢ0/ 6+8ˢ' 3+ˢ5"0 + - 3+0ˢ*1*ˢ.4ˢ<+ 6 1 0 - ˢ .+ . - ˢ *," * .6ˢ3+ * - 1ˢ
+ +ˢ:0* 0I,0 * - +8ˢ+6ˢ50ˢ 6 - "0 8ˢ, . +8ˢ 0+8ˢ3+0 *ˢ<+ 6.ˢ *ˢ*18ˢ,1*, 6.6+ - ˢ .ˢ, B
6 .ˢ5 .0 .4. - ˢ - 5+40*6 . - ˢ4 60"ˢ*1*ˢ51 "+ - +8 +18ˢ5+* .6ˢ (,ˢ0* - ˢ50 .2; ˢ
"1* 18ˢ +1 + - ˢ50, , .6.ˢ+"6+ - ˢ0+ - ˢ0/ˢ ., .ˢ7 61 .ˢ , - +8ˢ06ˢ3+18ˢ%+ ,+8ˢ *ˢ4 08ˢ
6161ˢ 7 6 .*1ˢ1 20ˢ<5 19 0"%+8ˢ ., .6ˢ - .9 1ˢ*1 6 1ˢ,+ - ˢ41"1 0ˢ.,ˢ4040,1 0ˢ 0*6 ˢ
- 618ˢ 4ˢ06ˢ *ˢ 8ˢ5 8ˢ3+18ˢ. - 8ˢ5060 0ˢ40 6 *. - +8ˢ0/50 0*6 .ˢ4 4 , - +8ˢ3+1 + - ˢ
0+8ˢ7.40*+8ˢ. - .ˢ.4:0 +8ˢ*18ˢ 1 6+*.; ˢ > ˢ0* - ˢ 8ˢ50,+* .ˢ5 .0, 5++8ˢ20""ˢ
0 :+8ˢ400 6ˢ >ˢ 0ˢ50,+ . .ˢ".21 . 0ˢ"" 8ˢ2.+4ˢ*091ˢ 04ˢ3+. - ˢ 6 - - .ˢ 40ˢ06ˢ +ˢ
9." 60ˢ4+ - ˢ.4 - * 6 .*6ˢ0<+8ˢ 0/504 0*4.0ˢ 0 - 50ˢ *1: .8ˢ .6 1*08ˢ.4 *:0* +*6<ˢ06ˢ
1040 .618ˢ5 *, 508ˢ7.20*6ˢ3+ ˢ)6ˢ *ˢ,1 - - +*ˢ, .+ .ˢ".21 .*60 8ˢ - * - 0ˢ40 0 +*6ˢ
5 6ˢ:0 2ˢ* 7 "ˢ 0" 3+ˢ ., +*6ˢ1 - * .ˢ +.ˢ.,ˢ" 20 6.60 - ˢ5 . - ˢ5 1ˢ3+.ˢ20""+ - ˢ90 +*6ˢ
155 9*0 . 0ˢ5. .6 ˢ+6ˢ0. *ˢ6+0.*6+ ˢ3+ 550ˢ*1*ˢ, . +ˢ06ˢ60 - 0 0ˢ *00ˢ.4ˢ"0:0 8ˢ +ˢ
- + 6+"18ˢ0/, 6.6ˢ 6ˢ*0ˢ4+, 2+8ˢ06ˢ4 , 5" * .ˢ,10+*6ˢ 04ˢ71 - *08ˢ 20"" , "ˢ<. - ˢ.ˢ
"1*91ˢ60 - 51 0ˢ, .56 8, /ˢ40 50 .6 1*0ˢ 1* " 8ˢ06ˢ.4ˢ0/6 0 - .ˢ3+.03+0ˢ.* - 8ˢ12 ˢ
- .6 8ˢ4+,08ˢ,0 618ˢ06ˢ - " 60 - ˢ0.40 - ˢ, .+ .,ˢ*0,0 " 6.60ˢ20""ˢ 0,) - ˢ,3*<+*4+ - ˢ7.B
20*6ˢk 3+ 2+8ˢ15 2+8ˢ +2* / ˢ4 +ˢ.*60ˢ5 .0 - 04 6.6.8ˢ *0,ˢ70 ˢ .+6ˢ*+4 +8ˢ60 6 +8ˢ0/ ˢ
,19 6.6.8ˢ0/504 6 1*08ˢ + , 5 +*6ˢ1 4) 0 - ˢ06ˢ4 , 5" * . - ˢ *60ˢ 0ˢ 0 : .*6ˢ.ˢ". , : .ˢ
06ˢ506+".*6 .ˢ1 - * ˢ.2 6 *0*6ˢ4+,08ˢ +18ˢ5 .0,056.ˢ: 6+6 801) - ˢ15 3 *0ˢ,1"+5 ˢ
0650 ,+"1ˢ,2 - -) 66 .4 - 1* 6 3+ 4ˢ0 6ˢ. 4 - + - ˢ,1) ,1 4 .0ˢ: *,+"+ - ˢ0ˢ 8 - 1ˢ
6 90 18ˢ5 .020*6ˢ 1*6 .ˢ *ˢE. 6 8 09 8E) 4. *: 4 . " :1 0ˢ. : . 6 .ˢ06ˢ., ˢ. - 22ˢ
6 *06 .* 9+*6+ ˢ"+ ˢ: . ˢ *60ˢ4+,08ˢ06ˢ*22 " 6.60 - ˢ.* - 1 + - ˢ 0 +8kˢ,+ - ˢ." ˢ
16 + - ˢ." ˢ6+ 2.8ˢ50 1560*6ˢ ." ˢ +1 + - ˢ,7. 6.6,ˢ.+6ˢ.0 - +"1 + - ˢ14 1ˢ6.*9.*6+ ˢ<
6.ˢ+6ˢ4 , 5" * .ˢ 760 0.ˢ<. ,0.6ˢ 20 "+ - ˢ5 160"0 + ˢ 06ˢ.0 . 1ˢ0/7.+ 61ˢ - 0 .ˢ5"028ˢ.4ˢ
0/6 0 - .ǁ.ˢ 715 . - ˢ 04 9.6+ ˢ 6 . - ˢ*+ - 0 + - ˢ - " 6 - ˢ3+1ˢ 0/ˢ E7 6 .* " - 0ˢ
5 .051""08ˢ 5 1,+"4+2 1ˢ 12< , ˢ : 401ˢ (04ˢ5") 0 8ˢ.ˢ - *1 0ˢ .+ - 0 4ˢ40ˢ - . 1 ,
ˢ ,51 .6.8

G ' ' 5 ' ' '

,51 6.6.8': 61 .8'*1: 6 '3+ '7 61 .8'0 ; 5": 6' 06'.2'0/60 - 8'.+/ " . 2+8' 3+18'7.' &'
70 0'51608' .9 "0'5 .0 4 + - '0 6'< 3+ 550' 3+ ' *' 9*16.' 09 1*0' 09* +8'20""+ - '90 ,+8' '
+*6' 0"&66 '6.76+ - '.4'40 0*40" 4+ *' : ."0*6' 6." 01 + - '516 +8' 1 60*6.6 1' 3+. - '
1216',1 - - 0*4.6+ ' 0 9. 3* '0 9 .0'1508' E0 - .*1 + *' - 0 61'+6' *' 0" 9 1*'0'
40 - ',+ - '$ 260 6.*6 2+8' 0*6 0*6 + - ' + 50 6.' 408' 6' 0* - ' +*1' 5 10" 1' 4020"". '
2 6+ ' 1,' :1:0 0'0 6' *1*' 06.' .6 1*0'0/50*40 0?' . - ' 3+ 8' 406' +6'"1,1' 06' 60 - B
51 0',1*4 61'40' + - - .' 06+ *' 40,0 *.6+ ' 06' +*1' 0140 - 3+0' 4 0'1 - * *1'.4' *60 '
*0, 1*0 7'71 6 8'40"0.6+ 'Ñ G+. - '1" - '12 6 *R0'5+9*.' 6.6. .'00 6.2.6+ '6. *'714 0'
40 0,056+ *90* 1 0'50 '6+ - +"6+.6 .5610" .',19 6.6+ ' 0,056.' *60 '7+@+8 .0: '4+,08'
L' 0*60*6 . ',' 5+9*.' 0,040*60 8'40*+1'5+9*. 0'51 0' '+6' 20""+ - ', .+51*. '516 +8'3+. - '
90 ' : 40.6+6' + +8' 12< , +*6' : .+6' & '1 1' 0/' 8' *60X - ' *60 , 0*6+ M 6' 3+1'
5 1 0 6+'Ñ +6' *'51 60 - - '.4'+"6 1*, - ' * ". 6 - .6 1 08 ' *',2* " 8'0/5"1 .*4 8'.4:0 '
. 1 + - ' .9.6 1 08' *', .5 0*4 8'5 +40*6 1 08' *'4 , 5" *.' 0 :.*4.'4*, - ' - 50 8'
1204 0*6 1 08' 044.*6+6' &0 - - '+6'+*1' 06'."60 1'5 10" 1' *1*' 1 - * *1' 40"0.*6+6'
.6' 8' 402 "6.6' 06' * . 6' .4' .03+ 1 08' 01*4 6 1*08' ., , 5 0* 4.8' ."60 - ' * "0 0*6+ '
60* - '61 - 0*6 8' 06' 0/6 0 - 8' 50 ,+" 8' 5< 8' .5+4' 018' : ."0 0' 0 : 6 6 8 ,1* , 0*6 8'
- 51 6.0' - 06+ 5' 06' ,1*, : + - ' +2 + - ' .*7.8' 06' 155 12 . '<. - ' .05 +8'0/50 6' +'
- +8' (' :061' 018' 1 - * *1' 40"0 ' .6' 0*60*6 . ' 3+.*61' 4'6+1 + - ' .*9+ *0' 3+.*6 8'
+ - 56 2+8' 3+.*61' : 61 .0'*+6.*6 8' 4 0 - *0',1* 6 6) + - 6' 7 6 .* - 0' 0/<
3 d'50 ,+" 8' 5""8' .05 +8'5. 6 , 5. 6' - * - 0' 9*1 .8? G+14'+6' 50 . '51 " 6' 6. - 0*'
06 " 8'5 1560 ' * - 6.60 - 5. ,06+ '06' **1,0*6 .0'01 + - ' , - 0*' , *42*.2 6+ 'A
3+ '1" *' 06' +"6 1*0'. 40*608' 06' 21*.' +.' .2' ." 8' 51"" 40 ' - 5.6 0*60' 0 0*608' ,1*'
6" .'5.60 *.' 0 + - 0*6' 06' *1: 8' - 16 2+8'0/, 6.*4 8' 2, ,."61*0 - ' 3+.0 0*6' . - ' *+ '
3+. - ' - .9*.0'06'5 .05160*6 8' . 6 1* 8' .63+0' .401' 01*<+ .6 1* 8' 3) ." 8' 7.00' 0 6' 6.'
0 6 *9+' *,0*4 + - '516+ 6' 3+ *' 0/' *60 0 61 + - '.+6' 0/+"+ - ', *0 2+8' - .<1 ' 9* 8'
6'., ,0* +8' 6' *0' +6+ .',19 60 - +8' 6' .4' 5 .0 0*6 .'.660*4 -) 8', +' 4+2 + - ' 0 "0'
5160 6' 3+ *' ' 3+ '714 0' *'. - 8' +*6' 6' 0' : 2+8' * 0 1 08' 51 6' 5 10" + - ' 0* '
6 .*6' 0/6 0 - .',1* " .'0/' 40 50 .6 1*0' 0.5 .*6' ' 06' 09*+ - ' 71, ' *' 3+1' 0' 6+6T' - . '
*0 ,' *1*' 51 0' ,0 - 0*6' 6' 40 0 0 0' , 9.*6+ < 0 1' 06' *,0*4 1' +"6 - 1'6.*3+.*6'
*+*3+. - ' 04 6+ ' : . 60*6'Ñ *' : 6 8' +6' *' : 6+6 2+8' 50 '9 .4+8' 6'5 29 0 +8' ('
3+.0' .*60'5,+"18'7. 60*+8' .0: 6 .0' *<+ . + - '06' 40 1".6 1* 8' 5+2" , .,'0/0 - 5".'12'
0 :.6.' +*6' - 0 61' 21* ' .,'5 2 - *08.21 - *.*6+ ' ' 3+ 4') 6+ + - ',0* 0 - +8', + - '
.4' 0/6 0 - .' ,1* " .' 40:0*6+ - ' +0 6'Ñ 1 06'.* - +8' .4' 7.6+ - ' 0 + - ' :0"' *+4. - '
,19 6.6 1*0 - ' 40'3+ 2+8',1 . - '60' 5 .0, 5+0' 40',+<+8' - 50 1' *1*' * ' .+ 6.'.) 9+ '
. '" ,06' "0 0'516 +8' 0 6' 3+. - ' :0 2.' ., 0 0' 0,' :0 2', .0 68' .56', .56 8' 01 - ' 4+, '
2+8' - 0" 2 .'40' 20"" '0/ 6+' 50 . 0' .8' 0 6' . - ' *' 20"" 8', : 2+8' *+*3+. - ' 4+,08' 40'
+*6'' 3+18' *1,0 ""6.8' .+6' : 6+8' 020 .*6 2+8' - 51* 6' ' 3+ 2+ 3+0' 50 ,+"1' 60 6'
3+ ' +2 + 66') "6 1' 12 03+ + - ' 40 0 +*6' ' 6' 7.0,' 3+ 40 - ' 0 + - ' ., 08' : 61 . - '
40' 40 0 61 2+8' 6 2 ' 0+8'.**+.6' G+ 4' 6' 3+ ' : *, ' 50 .*6+ ' ; *, .*6' A 2 6' - ."0'
1 - *.6 ' ""+ - 3+0' 516 +8' 3+ ' - 7 '+"6 - +8' +6+ +8' 0 6' 3+. - ' 7+*04 0 - '. 5 , . . '
+*1' 71,'5 10" 1'. - "2 ' +*.' 06' 09 ' . 6 9 ' - .<0 6.8' *+*3+. - ' 0 6 60.+ .',1*, 406
*'5 *, 5 2+8' 3+1' - .<1 ', . +8' 01'50 ,+"2 1 ' + *.'0 6' 7 - :0 1' 3+ 8' 0 6' .*' '
5 40 - I403+.7. 60*+8' 6. - ' 50, 1 8' :0 2 8' 5 160 6.6' +*6' '60' 1 6+*.' 40 0 .6'
6 2 '52 6' : 61 . - ' .6' 0 :.6+ N' & /'0* - '0 6' +6' : 62 ' 0' : 4 '. 2 6 1' +2< , .6' 6'
3+ ' - . 60 - ',1 - - +*0 - ' *1 6 ' 06' 1, ,+"61' 0 ' .63+0' - 50 0 +6.2 "',1* " 1' ., , '
40 0' : 40 - +8' +6' : 41 . ' 3+.0' 5. : 8' - 1 - 0*6 8',1* 6.6' .4' * 66 1 08' 5"0 - - 3+,'
*, " *06 '06' 5160*6 1 08' .440' 06 . - '0.+ .'516 1 08' 40 6 6+.6' *' : 41 + - '5 ., ,1 4 .'
W/' 49"506.6 1* 0'." 3+.*41' 040+*60' : 6+60 ' 6.3+0' ,'20"" '50 6' 4+,08',0* +0 0' *'
40"50 .6 1 0' : 4 8' ."+60 - '22""1,.6. - '0 0<',6'5 +40*60 ' .,0 0 : 41 , - 3+ ' : 4+ -
.4

^ . C G -

p & .440 50 .6 1*, - *1* .4 9 6 (04 +6 : 41 . 0 - 50 3+14 50 1 06 1561 50*08 60
' # 6 7.20*6 "" 3+18 71 60 86 2 20"" *0,0 " 6.8 ., 6 . ,08 155 4. + 208 - +* 6.8
51 6+8 01 - - 14 % - 18 3+ 2+8 0 ,1*6 *02+*6 3+ 2+ 3+0 6+6 *1 * 5. 2+8 :
2+8 .4 ,0 6. - 0* ,+<+8 0 - 50 *,0 6. ."0. + 6 ,19 5160 +*6 06 6. 20""+ - * 1*
9+ - 0/6 .706+ 3+14 " ,1*6 *9.6 20""1 5 1 50<+8 - ."+ - *40 03+06+ +6 .* - 8
" ,0*6 .0 06 0 J .0*.6.0 " 20 6.6 . +06 8 09 8 ., "09+ - <+9+ - 5.+".6 - 0/,+6 .6+ : /
3+0 +"" 8 51 60. ,1*4 6 1* 2+8 .4 12 03+ + - 04+, 51 *6 3+ 6. *61 60 - 51 0 5. 0 ,
404 4 ,0 +*6 0, 5.+"1 - 0" +8 6+ 8 02+8 0 6 9 . ".*60 *60 6+18 50 20""1 + - ,
: " + - " ,0*6 . - .:. 6 .0 06 . - 2 6 1* 8 50 60 3+ ,+ - : 6. - 06 21*. 6 2 4020.*6
0.3+0 * 09* *0,0 " 6.608 6.*3+. - 0<+8 20 *0 , . 0/50*40 0 60*0.*6+ 4 +6 +8
20""+ - .".6+ 06 01 + - 150 . *4 90.8 60 2" 402 6+ + - 0/ 6 6 .2+*6 06 6. 0/
090 "09 6 - 1 : 6.0 *0, 3+ * +18 . 5 01 5160 6.60 - 7.20*60 +6 + 3+0 5. 6 8 : "0
., - 0 .2 "0 - .*, 5 + - 0:.408 06 ,/60 * 8 5 *, 5 2+8 ,1*60 - 56+ .63+0 06 . -
14 1 0 8 ,+<+8 50 : ,., . 0 , , 040*6 +6 50 * , 1 + - : , * 8 515+" 8 * 5 *, 508
18 020"".*4 0/0 - 5"+ - 5 .020.6+ G+14 20*0 , 8 71*1 2+8 ., 4 : 6 8 6 2
0 - +*0 .*4 0 - *6 3+ .4 71, 20""+ - * 0 : 0*6 *1* $0 . + - - 1*608 .+6 +6 .E
3+0 *4 .8 ,1 1*.0 E."" ,.0 .4<0,0 8 1508 6+.0 .4 01 + - *9"+; 0 - 0/5"0*4. - .6
0 +*6 06 *60 0. , 0 ,0*60 .4 1*+ - :0*0*1 0. + - 4+,08 0:.40*6 3+18 20""1 .4
:0 +8 50 4+0""0 8 90 0*41 5 .0 , 08 < 6.*6+ - 3+0 5"02 8 .:1 0 - 06 .5+4 ,060 10
09* 6+ 1 4 *08 .+41 6.60 - 2 ,1*, " .2+*6 +6 3+1 + - 150 . .4 $ 160 6.* 6 8
4020"".*418 *+*, 51*60 +60 8 018 5 18 6.*40 - 71 60 8 7.20 0 :0" *: 6+8 ,19. 8
E0*0 1 0 6 06 2 20*0 ,5* 6.*6 8 .* - *1""0 ,+ 3+. - - +"6+ - 4020 0 3+14 *
5 :.61 + - ,1*4 6 1*0 :0 + - 0 6 3+.*61 - .9 8 *60 5 *, 508 "1,+ - 7.20 0 151
606 3+18 . *0 - *0 50*40 0 04 - .9 8 +* :0 18 0 8 +20 "0 5+2" ,.0 6 .*3+ "" 6.6 8
760 0 6 Ñ&."0.*6 0 91 3+ 20""+ - 06 6 2 06 6+ 8 .401 50 * , 1 + - +.40*6 06 .4 . - .
,1*6 . +55" ,08 + - 0*4. 71 6.*6+ &0 + - . +*6 "" ."60 60 5. 0 - * 09*1 7.B
20 0 *1* 51 0 3+. - 20""+ - ,1*6 . 5.48 50 6+ 2M.61 08 + , 5 .8 3+. - : 8 4 B
, "0 4. .*1 + 7 ., 40* 3+0 50 ,+"1 + - ""+4 - * - 0 4 60.*6+ G+14 :0 + -
0 6 *.0 50 ,+"1 0 .09 16. - +8 3+ *03+0 - .". *1 6 . *03+0 0 - 04 . 5.6 51 %+ *+8
(04 21* - 04 , 0 6 5 +8 1 - * . + - - . .,0 0 06 ." .,+*4. 0 - 04 . 60*6. 0 3+. -
+ 0 0 .+6 0,. 0 9 6+ .*60 1 - * . 6 2 : 40*4+ - 0 6 .* - 1 2+8 60 1 - * *1 405"1
.6+8 06 .090 3+ ,+ .*4+8 5 151* 6+ 5".*0 6 4051 6+8 +6 .2<04. 1 - * ." .,+ .
.4 0/6 0 - . 0 - 04 . *0,0 ". 1 40:0* 0 151 60.6 0 60 *0 - 1 01 + - 3+ 50 616
.**18 ., 616 08 0 + - 56 8 . - 8 020"". +*6 *1* "09 6 - 1 - .9 6 .6+ 5. 0*4+ - .
60*6+ .+6 50*40*4+*<6 2+6+ - *09.*6 43+0 1 - *08 .9*1 ,+*6 06 *60 40 +.0
. 6 ,+"18 71, 5 .0, 5++ - ,.5+6 0 6 (04 * - 141 06 .6 1*0 12 03+ 5 .0 6.*4 54*
, 1 " - 0 0 .6+ 4+ - 5"0 3+0 ,1* , 0*6 .8 +.8 "".3+0. *1* 0 9*608 + - 56.
*40 " 20 6.60 .4 " ,0*6 . - .2+6+*6+ %. - 0* 9*1 ,0*4+ - 8 *0, 9 .: +8 +,,0*
0*4+ - ,0* +0 - 3+ 550 3+ - 1 21 .* - :.* 8 + 5 , 1* 2+8 ., 60 1 2+8 .0 6+
.*6 8 516 +8 ".21 . 0 3+. - ?40 6 *.61 ,1* " 1 50,,. 0 405 070*4+* + 6 3+ 4 *
3+ +8 3+ 4:0 *<+ 6 +8 ,+ - 7 .* 8 ., - 0*60 ,.56 8 + - - 1 <+ 0 .90 0 Ñ J *90 6 2 .+6
." ,+ 0/ 6+ 8 4+18 " 18 0 0 14 8 4 40*60 8 .* 21* ., 5 +40*6 8 5. 0*6 8 1 , + -
4+,.8 018 516 +8 *60 0 ,1 - - 660 0 +6 .4 *60 *0, 1*0 - 405+9*0*6 3+. - : .8
1 - *0 8 *60 5 18 ,1*, " .6 1* 8 * 0 +6 . - ,0 * 51 60 + - : :.*6 Ñ (.5 0*6 " - 0
0/ 5 , 8 :.6 2+8 +*+8 - 1*+ 6 4+.8 *60 *18 4 ,056.*4 : .8 0 "0< ."60 . - 3+.0
. * ,. .6 1*0 6 71 - * 2+8 ,1*:06 0*8 ."60 . - 3+.0 : 0 - 90 6 2 +61 - - .*
- ." + - 5 15 . 06 3+. *1* * +2 4 . . 06 ,+ - ."60 0 50 .4:0 . 12 6 *.6.*6
- ." 6 . - "1,+8 *1* 0 6 71 - *08 +6 ,19+*6+ G+ 4 .+60 - $ 160 6.*608 .2 « 6 1?
506 0 +*6 Ñ *0 - 50 +6 ,1* 0 0*6 . + - " 20 6.6 5 1 5 ,0 06+ 4 04 4"1 A.*+. ,+ -

ˁ #ˁ]

5 - 1ˁ .4"+ -ˁ0 "06ˁ - 1 /ˁ 01ˁ 0/ˁ 1 , , . 1*0ˁ ,+<+8ˁ - 0 - 1 . -ˁ12" : 1*0ˁ 0 - 5 60 *.ˁ 0ˁ &A
50" ˁ3+.*ˁ 0 , . ˁ - ."1ˁ : 2 .61 ˁ 20""+ -ˁ , +0*6 " - + -ˁ., ˁ +*0 6 - + -ˁ *1*ˁ 1ˁ)
"+ -ˁ7+0ˁ ""+,ˁ *ˁ E ."" .ˁ 04ˁ *ˁ1 - * 2+8ˁ0<+8ˁ .*9+" 8ˁ .,ˁ41 - 2+8ˁ *9+" 8ˁ+2 3+0ˁ0/. 6ˁ<
3+14ˁ6.*40 -ˁ +2".6 8ˁ 5 . , 8ˁ *<504 - 0*6 8ˁ ."60 +8ˁ04 4ˁ9 .6 .ˁ .4.ˁ ,1 - 51 6+ -ˁ0 6
ˁ3+1ˁ60 - 51 0ˁ ,+ -ˁE ."" .ˁ50 3 .46 0** + -ˁ3+ 0: "0 ˁ + ˁ+8ˁ0/1 6 8ˁ + 5 , 1* 2+8ˁ
06ˁ *<04"1ˁ" 20 8ˁ - 0*6 2+Iˁ4 .0ˁ 0 ; 6+6 8ˁ - ,6 ˁ .4ˁ. - .ˁ,1*,". - .6+ -ˁ0 6ˁ * 6 1ˁ .2ˁ
5 8ˁ$ 160 6.*6 2+8ˁ4+ -ˁ 50 ,+"3ˁ5 .0:0 60 0ˁ0+5 +*6ˁ . 61ˁ 06ˁ 6.61ˁ 12ˁ 4ˁ 090
6.3+0ˁ 3+. - : 8ˁ ""+4ˁ 5.+"1ˁ51 6ˁ ,1 - 51" 6+ - ˁ6. - 0*ˁ 0/. ,0 2.6 8ˁ14 8ˁ 6.6 -ˁ 00 - ˁ
4+ 6ˁ *00 - .<1 0ˁ - 1"0ˁ + 3+. -ˁ5+9*.6+ -ˁ0 6ˁ ,+ - ˁ.+ 5 , 8ˁ6+ 8 0/ˁ 7 6 "* - 0ˁ
: 6 , .ˁ 69*.ˁ *?$ 41*08ˁ 06ˁ 5 1: *, .8ˁ .2ˁ "" 8ˁ * 0 ".8ˁ "".6.ˁ +*6ˁ 06ˁ 4+1ˁ *90*6 .ˁ
5 10" . ,1 - - ".<ˁ *ˁ 3+1 + -ˁ."60 1ˁ 4+/ˁ 5 0ˁ $ 160 6.*6 + -ˁ 40 40 .6+8ˁ 0 6ˁ ,+<+8ˁ
20"" ˁ<0/ 6+8ˁ3+ 8ˁ +0 6ˁ - 0" +8ˁ6+60ˁ 5 0ˁ 0 8ˁ 0 60ˁ 8ˁ + 6ˁ+6ˁ 090 -ˁ: 616 . + -ˁ4+ " +ˁ
6+1ˁ5. 6. + -ˁ.4ˁ0/6 0 - + -ˁ510* 6+0 6ˁ A .*40 -ˁ60 6 1ˁ04 61ˁ5./ˁ .*, 6.ˁ0 6ˁ .4ˁ0. *ˁ
- .*4. -ˁ .44 6 8ˁ 3+. " 1ˁ: *,+"1ˁ . 9. 6.0ˁ 1 1 8ˁ ,+ -ˁ 0* ,1ˁ .:. .0ˁ5 *ˁ
, 54ˁ*+56 8ˁ G+.0ˁ60 - 51 .ˁ40 *40ˁ *, 40 *6ˁ06 6ˁ 40*6 1ˁ5 .060 0ˁ - ." - ˁ6. - 0*ˁ
,+ -ˁ0/ˁ01 + -ˁ<+,+*4.ˁ+6ˁ. +*6ˁ - 0 - 1 .ˁ.2ˁ.4:0 .6 8ˁ5 1ˁ20""1ˁ. 9+ - 0*6.ˁ4+, .*ˁ
6+ ˁ ""1 + -ˁ3+13+0ˁ 04ˁ 12 0ˁ - 0*6 1ˁ - 7ˁ ., 0*4.ˁ0 6ˁ %+ - +"6+$. " 0* ˁ*1*ˁ
6(-ˁ,1* " 1ˁ3+. -ˁ, . +ˁ06ˁ *0,0"" 6.60ˁ 0ˁ0* -ˁ0/ 6 - . 0ˁ 1 - *0 8ˁ5. ˁ0 6ˁ 0/, 6.61ˁ
,+ -ˁ4020"".6+ -ˁ1 - * *1ˁ, 040 06+ ˁ06ˁ +2".6 8ˁ5 - . 8ˁ$ 160 6. 6 + -ˁ4+, 2+8ˁ .,ˁ
9 0ˁ*12 66.6 8ˁ0/6 *.1 *+) ˁ6161ˁ 09*1ˁ3+ˁ20""+ -ˁ 0*1:. 0ˁ51 "0*6ˁ +50 0 0ˁ, 0ˁ
40 0*6+ ˁ6. 6 0*ˁ+* 58ˁ06ˁ."60 +8ˁ+ 2 8ˁ4 +6+ *.ˁ<+/6.ˁ06ˁ4.*3*1 .ˁ12 64 1*0ˁ5 .0,058ˁ
+0*6 8ˁ 1 6+*.0ˁ - 506+8ˁ3+.4ˁ + ". - *.6+8ˁ 0 6ˁ 06ˁ 0/ˁ ""1 + -ˁ, *0 2+8ˁ .,ˁ 0" 3+ 8ˁ
71 - *08ˁ*1: ˁ*0,ˁ15 *.61ˁ0/4 6ˁ3+ˁ*1*ˁ.4ˁ: 0 8ˁ +.8ˁ 04ˁ .4ˁ5 .0 *60 -ˁ*, ,0 "6.%ˁ
60 *ˁ 0 5 , 0*608ˁ ,1*60 - 5 -ˁ50 ,+"1ˁ0/ˁ40 50 .6 1*0ˁ,1* " + -ˁ,050 +*6ˁ 06ˁ616+ - Ñ
71,ˁ 09*+ -ˁ +2 6 8ˁ - 16 2+8ˁ 05"0;0 +*6ˁ 01 ˁ1, 8ˁ71 0*4.ˁ " .ˁ "/.90ˁ .2 + - 56 8ˁ
1 - 4.2 " 1 0 3+14ˁ40 50 .6 1*0ˁ.4. 6ˁ20""+*.ˁ9, 0 0*6ˁ06ˁ5 .60ˁ,1* 0 0*6 . + -ˁ
" 20 6.60 - ˁ12ˁ 5 .060 6. + -ˁ *<+ . + -ˁ 0* + -ˁ., 0,0*8ˁ +6ˁ. 02.*6ˁ 40ˁ * . 6.,ˁ
0/0 - 5"+ - ˁ. - 5" +8ˁ 0,+ 6.6ˁ +.0ˁ, .:0 ˁ5060 0*6ˁ G+ 4ˁ*+*,ˁ ""ˁ51 " *6ˁ0/ˁ *90*6ˁ
""2ˁ5.:1 0ˁ ,1""04 8ˁ 5 6 2+8ˁ06ˁ .* - 8ˁ 0 + -ˁ50 6 8ˁ .0 6 - .*4+ -ˁ 0" *3+1ˁ 091ˁ
0 606.*3+. -ˁ 4+8ˁ6 2ˁ,1* " . +8ˁ7+*3+. -ˁ +. 0 - ˁ+6ˁ50 ,+"1ˁ6+1ˁ0/50 0*6 . -ˁ
., .8ˁ .20*6ˁ06ˁ *ˁ 09*1ˁ06ˁ0/6 .ˁ 09*+ -ˁ4+,08ˁ ˁ*0,ˁ: 08ˁ+6 12 3+0ˁ40 +*6ˁ ˁ3+.8ˁ
3+ˁ * 0 1 08ˁ 8ˁ 4 ,+*6ˁ 3+.8ˁ 1" -ˁ 7.2+0 +*6ˁ3+14ˁ6.* 0*ˁ *1*ˁ .4 - 0 - ˁ 71,ˁ
06 . -ˁ,19 6. 0ˁ4020*6ˁ 09*ˁ 12+ ˁ,+<+8ˁ "" ˁ5. 60 -ˁ ., +*6ˁ41 - 0 6 , 8ˁ,.". - 6.6 2+8ˁ
*1*ˁ - 04 1, 60 ˁ".20 .4.6+ -ˁ0 "0 06ˁ.4ˁ0/6 0 - + -ˁ1 - * *1ˁ402 " 6.6+ -ˁ ˁ ˁ4 +6 +8ˁ
20""+*.ˁ6 .7.6+ ˁ G+ 4ˁ0 91ˁ .41ˁ15+8ˁ0 6ˁÑ (+ 5 , 1*+ -ˁ 06ˁ60 1 + -ˁ *02+".0ˁ6 2ˁ
0/ˁ.661* 6 8ˁ06ˁ 6.6 8ˁ - 0*6 2< 8ˁ4 0+6 0*4.0ˁ +*6ˁ06ˁ" 20 6.60ˁ<+/6.ˁ5 1* -ˁ04 41ˁ
6+ -ˁ"0908ˁ01*,0"%.ˁ 06ˁ 0,+ 1 8ˁ ".6+8ˁ *ˁ51 60 + -ˁ .4.ˁ 50ˁ.* - ˁ."0*.6ˁ 0* -ˁ
- 6ˁ - 50 1ˁ.4ˁ 12 03+ + -ˁ 04+,0*4 ˁ 6ˁ20*0ˁ7.206ˁ3+14ˁ .47+,ˁ6 2ˁ ,+ -ˁ$ 1B
60 6.*6 2+8ˁ *609 .ˁ +*6ˁ 1 - * .ˁ*+"".ˁ".0 + .ˁ*+"".ˁ5 :.6.ˁ1 J0* *0ˁ .+6ˁ *<+ .ˁ *ˁ
60 ,040*60ˁ (0* 0 +*6ˁ ""ˁ7.40*+8ˁ: 6+60 -ˁ6+. -ˁ06ˁ *ˁ20""1ˁ,"0 - 0*6 . -ˁ.,ˁ20* 9ˁ
* 6.60 - ˁ+6ˁ ˁ5. ,0 -ˁ,+ -ˁ "" 8ˁ ., .8ˁ 5" 4. -ˁ6 2ˁ6.*6ˁ20*0 6, ˁ9 .6 . -ˁ *6ˁ402 6+ ˁ
5 .060 61 - -ˁ *: 4 .ˁ *ˁ018ˁ3+ˁ: /0 +*6 9 0<04.ˁ G+1ˁ - .9 8ˁ5 +40*6 " - 1ˁ6 2ˁ
5 *, 5ˁ: 40*4+ -ˁ0 6ˁ *0ˁ *ˁ5.6 1ˁ 09*1ˁ.40+*41ˁ3+. ˁ *ˁ" - *0ˁ1 0*4.8ˁ ˁ*03+0ˁ
,1 - - 66.8ˁ+6ˁ +50 1 + -ˁ60 - 51 + -ˁ0 1 0 -ˁ*1*ˁ 1"+ -ˁ *1*ˁ0 - 0*4. "0ˁ 04ˁ ." 1ˁ
"1*90ˁ50 * , 1 61 0ˁ ,+ - +". "0ˁ: 40. 8ˁ 60* - ˁ3+ˁ.4:0 .*6+ ˁ6+ 50ˁ06ˁ *4 9*+ -ˁ
0 0ˁ5 *, 5ˁ4 ,+*6ˁ616ˁ5 10" 8ˁ4020"".6 8ˁ *: 41ˁ4+12+ 3+0ˁ*+*,ˁ 09* 8ˁ5160*6 " ˁ
<* 8ˁ +2* /1ˁ ,+ -ˁ + 8ˁ66.* 90 0ˁ06ˁ ˁ3+ 40 -ˁ 4ˁ,+ -ˁ 09 .0ˁ - .<0 6.6 8ˁ06ˁ.+41 6.6 8ˁ
- - ˁ7+6 1*0ˁ .6ˁ 1 6. "0ˁ. - 2 9ˁ51 " 6ˁ3+.*3+. -ˁ06ˁ40ˁ<+ 0ˁ +1ˁ." 3+ 4ˁ 0 - 660 0
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; '06 5+2"", .0 6 .6 3+"" 6.6 ' ""+4 01*41*. 0 0 - 50 I+6 "0 0/ 6 - .6+ - ' 0 6 ' 06 , 6+ - ' 06
' 88 / / / ' 0 - 50 ' +6 " 6.60* ' 5+2" 3. - ' 6 *4 0 0 4020 0 ' 06 * 05+2" 0. ' 20*0 1 4 * .6. ' ."+60 - '
5+2" , . - ' 5 1 "090 +5 0* . 7620*4 . - ' 63+ ' , + - ' "" 8 6 . *"690*8 ' *03+0 40 <+ 0 - 1
3+ 43+. - ' 0 - 66 8< *03+0 018 6 2+608 .+6 5*0 2+8 5 <2" , N "0: .8 ' . 6 - - +* 6.608
*1: .8 01*004 8 ' 6. *6+ - ' " 20<, 6.60 - ' 01* , 0*6 . + - ' 6 2+ 8 ' *0 516 +8 - . *, 5 1 + - '
. , ' 0 :1 + * 3+. - ' " 20 1 + - ' 71 - *+ - ' * 3+1 8 6. *6+ - 409 6 - + - ' - 59 + - 0 6 '
5 *,058 7.20. 8 ' 03+0 :0 1 6 2 ' .+4 0*4 ' +*6 ' 3+ ' " 20 6.6 8 *1 - *0 6060 - . - '
" ,0*6 . - 409 - ' 06 1 - * + - ' 6. * 4 : *1 + - 3+. - ' 7+ - . *1 + - ' <+ + - ' ,1* + 1*0 - ' '
0,+ - ' 68.70*60 - ' * :07 ' , . + . *6+ ' . - ' 71, ' 0 6 ' - 0 - 16 . - ' 01 + - ' . , , + . 0 ' 0/
3+1 + - ' ,1* " 1 ' 0 616 08 * ,1* 61 1 71, ' .9 6.6. ' 5". , + 6 ' +6 .4 5". , . *4 . - 0 '
. - ' 06 6+ 2.8 * 09*1 01 - 51*0*4.8 ' - 6 9.6. ' "09+ - ' 0:0 6.60 ' 5. / .03+ 8 ,1*4 ?
6 1* 2+8 . *, 06+ ' 04 4.3+0 0. ' 40 0 ,1*40 0*6+ ' ' 3+1 + - ' .03+ 6.8 06 +6 " 6.8 :0"
0/ ' 01 .0 6 - . *4. ' :0* 6 ' 3+14 8 6.6 - ' .4 83+ 08 E. "" .0 5. 6. ' 0 6 ' : 1". 6 8 2, ""+ - '
50 ' 616+ - ' 09*+ - ' 050*60 0/. 66 ' 63+0 +6 * . . ' *1* ' *, 4. *6 0. ' 60 - 51 . ' 1" - '
3+ 2+8 6. * ."+6. 8 ,1* " .+41 08 ' 02+8 .4 0,1*, " .2 "0 - ' 4 60* 1*0 - ' .44+4 8
40 40 . 0 ,19. 8 ' A. - 56 40 - ' 7.0, ' * .6 + - ' 6+1 + - ' 0" , 8 - 0 - 1 .0 ,1*, " 1 06
E1 . - ' 5 68 3+.0 6 1 40,7. 0 6 ' .2 156 - 8 06 40,1 ' 8 E. "" , ' .4 6 . *3+ "" 6.6 8 5+2" , . , '
6+4 1 8 : 8 3+ ' 06 * 01 ,1* :070 +*6 ' *1* 5". ,0 0 01 ' +6 0" 9 1* 8 , . + . ' 0 6 '
06 ". - - . ' 4 - .6+ ' (, ' 9 6+ ' ,0* 01 ' ' 3+. *41 $ 160 6. *6 + . ' 40"09. 6 ' * 4 08 0/ '
5,40*6+ ' ; 6 , + - ' 8 .9.6+ ' ' *+"". - ' 3+ 550 .03+ 1 0 - ' 75*0 6 1 0 - ' .+6 +6 " 1 0 . '
5. , . *4 ' 09* ' 06 .+41 6.6 8 6+.0 * 01 ,1* 6 6+0*4.0 .6 1*0 - ' * 51 " 0 ' 3+. - ' 6 *
09* ' *9 0 "+ 1 - " 8 . - 8 06 1 - * ' 71 6 " ' ,1* " 1 .2<041 ' 40 515 " 8 3+ ' 12 6+ - +7
6+8 5+50 ' 0/1 618 .2 < , 1 ." 0* .6 ' +*6 ' ,1*, " . *4 8 , 1 ,19 608 ' 3+14 *+50 '
. / - " . *+8 .0 . ' 5 +40*6 6 - +8 5 *,058 ' 3+14 0* .6+8 &0*06+8 7+ , ' 09*1 ,1* '
<+*4 " - +8 ' 3+14 . - , ' 5 *, 508 , +*4 ' 6 2 ' +. 0 - *6 ' *<+ . 3+0 50 ' 40 04 1*08
- .<0 6.6 ' 09 .0 6 2 3+0 *5 - 8 "". 6.8 5+2" , .0 6 . *3+ "" 6.6 ' ,1*41*08 ' . *, 6. ' 5 .0 '
60 61 + - ' 12" : 1*0 ' 06 .03+.2 " ' <+ 0 *60 ' 1 - *0 8 ,1* 6 6+61 ' ' ,+<+8 5 .6 1, * 1 6+6 '
"" ' 3+ ' 40 , :0 +*6 ' - 0" +8 40 " 20 6.60 06 0,+ 6.60 +. * 51 60 + - ' 50 0*6 ' ,"0 '
- 076 .3+0 6+. ' . , ' 24* 9* 6.60 : 4 ' 7+*, ' 6 + - 57+ - ' 6. * 6 2 ' , 6 . ' . *9+ *0 - ' : 41 '
3+. - ' 5 8 +4+1 + - ' 06 ."+6. 0 - ' ". 06 ' 9 .6+"0*6+ ' 06 0/6 *4 8 4 "07 1*+ - ' . , ' 5+) '
"+". *6 3 - ' 50 ' 0.8 .4 1*+ - ' 9* 2+8 51*60 . , ' 5 1 - 56 8 . * - 8 40 *,058 .4 1 - * . '
41 *6 .+4 0*608 ' ' f 71 ' 9 .: 6.6 8 . *6 3+.0 06 5+2" , ' 21* ' 6+4 1 1 ' 3+ ' , 06 <. - '
X* 0, 061 ." +4 40, 06+ - ' 0 "0 ' 50 1 . *6 ' 121 6.0 ". ,7 - .0 ' 3+.8 + ' 0/ ,05 6 0* .6+8
. ' & ""1,". +8 ' 09 ' 51 6 J . *, , . *0 :0*1 ' - 1 60 - ' . ' 09 * . ' 5. 0*60 ' 09* ' .61 '
.4 - 16+8 ' 06 .2 +56. ' 1 .6 1*0 , ' * 6 ' G+.0 40 20""1 . , ' 5. ,0 6. * 50, 1 0 :+"91
<.4. *6+ ' 0. ' *0, ' 0 +6. 0 *0, ' :0 2 8 . - 5" , . 0 - 7 ' * . * - 1 0 6 ' 0, ' :0 1 ." 60,
01* ;0* 6 - 7 ' * . , , *41 ' *1* 4 ,0*41 0/0 , 6.61 ' 06 0/6 . ' 1 + - ' *60 ' 6+2.8 06 - '
" 6. . ' 9*. ' 0*+6 61 ' 6 ' 3+ 40 - ' 40,". - .61 . ' *1* 9".4 .65 . ' .90*4+ - ' 0 "06 ' .4
. 9+ - 0*6. 3+.0 5 1 5. ,0 * - 04 + - ' .44+4. ' +*6 ' /0 55*40 0 51 "0 - ' . ' .2 71 '
- * 2+8 <. - 5 40 - ' 5 1 04. ' 5. + . ' 0 + - ' 50 6 8 ' 3+14 0/50 0*6 . ' 41, + 6 ' 06 :0 . - '
6,9*. *4 ' .6 1*0 - ' 5 1 <8 9*1 . *6 2+8 ' 3+1 + - ' 40 - ' - +"6. ' 6+*, ' + 504. - ' ,44 '
40 +*6 ' 06 5 +40*6 . - ' 60 - 51 . ' 3+.0 51 60. ' *, 40 +*6 ' : . * 6.6 8 . 9+0 +*6 ' 06*+*, '
,1* " + - ' 5 .0<%0*8 0 + - ' ". 6+8 1 - * *1 05+4 .6 ' * - :0 1 "" 6 5. +, 8 ' 3+.0 5 +"6 8
:0 2 8 4 4. ' +*6 ' .2 1 : . - ' 3+ 4 0 6 ." +4 5. ,0 - ' , + - ' (04. 8 . ,0 0 ' 01 3+0 418
+24 618 5 1*+*, . 0 ' 3+.0 1"0 - * 8 04 41 + - ' ,". + +". ' 0 6 ' 3+. - ' 20""+ - ' 01 *4 '
,0 0 ' ,+<+8 "" ' , . + . - ' 155+9*. *6 ' 06 018 ' 3+ ' * 6. * <+ 6 ' 20""1 : 6. - ' 1508 ' . *9+ B
*0 - ' 5 1 +40 +*6 ' 50 4+0""0 840,". . 0N +6 ' 3+.0 508 0 6 ,1*, 1 4 .0 *60 ' 4 "" 40* '
60 840 0" 9 1*0 ' 06 *1* 1" - ' 5+2" , . ' *<+ . ' 04 5 : . 6 8 5 J0* 1* 2+8 616 08 050 6 6 8
0/ .40 2. 618 N $. ,0 - 5+ - ' 8 .05 +8 7.2+ 6 . 1"+8 .60 ' 6++8 0" 3 8 - 0 - 1 Z0 ' 04
5", *. -

% $ ' ' ' 6

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' % * ' ' . c*/'(' ' ' (' 4 " ?+

5. 60'5. 2+8 .* - 8 : 1".6.'06 ',6.2' 8 *5 - 8' 0' : 2+8' * 0 1 08' 0*6 02.*6 ,+8'
66' ,'0/ 6 - .2.*6' *' 2,""1'1,, 5.*6 8'516 1 0 - ' ,.+ . -' 0 "0' 0' 6+4 8' :0 1' *'01
50916 1' .,' :1" 6.6 2+8' 6+1 + 8' 0/' 01' <+4 , + - ' .,0 0' 51 08 ' 3 14' 0 - 50 ' 20""+ -
+ - - .' ."., 6.6,' ,1*6 .' 50 4+0""0 8' + ,056+ - ' 0 6 40 - ' .09 0' 4051 66+ - < 5"02,
3+. - : 8' 9 .: - .' *,2 - - 14.'0/' ""1' 0*6 06' 0 - 50' 0 - 0* 0' 3+14' 5 1: 40 06
50 '5.,0 - ' - ."+ - ' 0' *' : ,0 2+8' 7.2 6+ . - ' 3+14' : 8' 20""' 1 .8' 0<0,0 .6' - *08
*' 09*1'50 ,+"1 .0' + *6' . 6 *08 ' *0,'* ',+ - '00 6.'5+2" , .0'3+ 06 8' 50 60' ,1."0 ,0 0
51 + *6' 8' 6' 0" 9 1* 8' 4 " 4 + - '.,,0456' , "+ . - ' 0 ' 0/' 0.' 0 + - ' 1 - * * - ' +2:0
62 *0 - ' 03+ ' *0,0 "0' 0 6' +6' - ."1' :." 4 8' 0 - 04 8' .63+0' .401' : 1"0 *6 8' 15+8' +
3+.0' <+ 6 +8' 3+. - ' 60 - 50G : +8' 1 . "2' .4 - 1 .' - 1 2+ - ' 0" 3+0 + *6' *1*' 5"0*0' 4+ .U
6+ * ' 04' - .9* '0/'5. 0' 5 1 " 9.6+ - ' %++ - ' 0 6' 9 6+ '6.*618' . - 3+0' 0" ,08' +,,0 +(
Z 90 0' ' 06' + - * 8' *<+ . - ' +. - ' +", ,0*6 8' .:1 ' * 6. 0' 5.6 5' ,1"" 90*4 ' 0' 0/
6 .90 ' 29.' .* - 3+0' ,1* 60 * .6 1*0' 71 6 2+8' * * - 0' ,1*,0 1' ' *0' - .<1 08 ' : 0 8
51 6' ,. + - ' 0 + - .* ' *0+ ' 3+ ' + *1' 4+ ' 4,"0 '5 16+0 + *6' 50 ' *60 : ."".' 506 6' 0 5
0*6' 1 + - ',+ * 6' 0 0' 4+,08' :. .'<. - ' 50 60' .2 + - 56' + * 6' 3+ ' +506 + *6' .4 *1?
4+ - '5.+,',+ - ' 2 6 * .' ""1 + - '5. 608' 40 0 +0 + *6' %.*6+ - ' *' 7.*,',+ . - '.* - + -
.,' *0 :18' *60*40' . - ' *1*' 400 + *6' : 08 ' 4+ - - 141' < " 0*+,'06' 0 1' 20""+ - ' 90 .8' <
*03+0' 50 '5.48' ,1""13+ .' 06' . 04.6.8' 5 160".6 1*08' .* - 18' 6+1 + - ' ".*9+0 ,0 0' .,
6 2 '51 6 0 - 1' ""+4 '5.6 . 8' $ .06, 61 + - '.+602" *: 4 .' 6' 3+.'06 '06' 6+ - + "6+8' $.
0* 8' 14 + - '3+14'. 6 , 1 2' "0*6 1' 50 ' - 140 .6 1*0 - '.401' 0/.990 .6+ ',+ - ' 8
13+ <. - ' 40,0 "0 + *6' * . - ' 71,' 6.',1*6 .' 0*6 0*608' :1 + *6' 06' 50 ' - 0' " ,06' 050" . '
6+ ' 4+ - ' : 41 .0' 40,+8' 06' 20""' 4 +6+ * ' .,'4. - *1 '6.*40 - ' : 6+60' 6+.,1* 04 '"+8
, + - ' 50*08' 6,' 66' G+14' ,+ - ' 6 2 ' *+*,',1* 0 6+' ., "0' 66' 6. *' 5 .0,". . - ' 1,,. 1'
*0 - '.' 01' 12".6. - ' * 6' *9 .6+8' 06' * 0+ - ' 5 + - ' *<+ +8' 0 "0' :0" 8' 5 .060 - 660 1'
1' 40208' 6' :0 2 ' 3+ ' 0/ 50 6.*418' 50 4+0"" + - ' 40"09.618' 06' 1 - " 68' 20""',1* 6" 8'
.4' 3+ 060 - ' :1"+ *6.608' "040*4.8' ,0* 0*6 ' 3+ 4'." 34' +.40*6 ' 3+. - ' 6 6' 5. 8' 7+2' ""+,'
50 ' 09*+ - '.,'4 " 5.6 8' 71 6 2+8' + +8' ,1*:0* 0*4 '06' .+/ " .6 2+8' ,15 8 3+.0' 5 1'
504 0 - ' 0' E0 - .* .'0/ 504.*6+ ' 0' ,1*<+ *90*4 ' 5.6 + - ',1* 04. ' *60 0 3+0' 5 0'
3+.4' 0,+ +8' .2' "" 8', ,+ - :0* . 8 '06 ' 3+ '"090 - ' 4 60 0' 402+ 6 ' : 41 ' .' : 4 8' .,, '
5 .8' &."0.*6' 0 91' : , 6 - ' "" '3+ ' *18' :."0 0' <+20*6k 06' ." 18' 3+.0 .*6 ' 3+ 2+8' 5 .0'
51 60 .' + .' 5 +40*6 .' 40 *,058' - 51*.*6' 0 60' 091 ' 3+. - 4 + .4' ".6+8' 6++ - 7.0'
021 ' *+*3+. - ' 6 2 ' 0 : " 8' 0*60*6 .0' .+44 ' 0 1 ' .+6' * .<0 6.60 - ' 09 . - 50 ' 9*.:.'
,1* " .' : "0 ,0 0' 5.6 . ' (.6 8' +50 3+0' 40" 20 .6+ - ' ' *+*,' .42' 15+8' 0 6' ' * *,'
6, 5+8' 0*6' 3+1' +4+ - ' 616' 0/.*6".61 + - '." 0* 8' .+ 5 , 8' ".21 + - '3+0 *' 5 150'
.6.' .6.' .6 ' *: 40 + *6' 5 0' *+*,' 09* '"09 6 - +8' 70608' 50 , 5 .8' 06' 51 6' 616' 5. 6.8'
".+ ,.8' 064 .8' ,1 1*.8' "09 6 - 0' 40".6.8' 60 6 . - ' 5 1' 5.,0' 0,,"0 .0' 4020"".6 8' 0'
71 6 2+8' ,1* 6 +6.'.,, 5 .8' G+14' +6' ., .8' *1*' 1"+ - '.+41 ' + - ' 04' 06 . - ' 1 1' 60'
06' 1260 61 ' ,3+0' *' .* - + - ' *4+,.8' 5 .060 ' 0 '90 0*4.0' ,1 - - 14 6.60 - ' R ' +6 " '
6.60 - ' 0/' 0.' - .* 0 6. - '06 . - ' 6 2 ' *0,0 6.60 - ' - 51 6. - ' 0 "0' ' 013+,' 08' 40:0* ""0'
, "2' .4 1* 2+8' 09*1 ' +6* 6$ 160 6.*6 + - '.4' *60 *0, 1*0 - ' 40"061 + - ' 50 60' ."+8'
5+2" ,.'.63+0' .401' 6+.'0/504 ' *1 6' 51 " 6') 2 ' 4 / 6' & ""1,". +8' - + - + ' 0/1 6+ - '
.4+".61 0' :0' ,1*6 .' 0*6 0*6 + - ' 14 1' 0*60*6 . - ' 0<+8' ".+4.*6 + - ' 3+ 2+ 4. - '
06 . - ' *4 9*.*6 2+8' *' 0' .*6' - 5 - 0*6 ' 4 ,0*4. + - ' 1 4 *0' 0*60*6 . + - ' ""20 6. '
60 - '.40 - 56. - ' 2*6 * +13+0' 0/'.,' 09 *.' + 0/0 0' !*. - ' 6.',1*:0*0 .6@ 3+. "
.6 80 "06' 0 - .*603+. - ' 5 151*0 06+ ' *' 0, 061' <. - ' 44, . - ' *027 6 61 +6 " .4'
6 0*. - ' 414+/ " 0' $2 6 4 0' 6. - 0*' 0140 - ',47:0* 6+ ' 06' *0' J1/ 0*60 6 .' :." 4 8'
.401' 06' ."+6. 2+8' .6 1* 2+8' * /.'3 - * *1' 0/5"1 .' : 40 06+ ' 4 ,+"1' 60 - 50 . - 3561'
40,0 * 6+6 ' +6' $ 160 6.*6 + .'40", .6 ' 6' 3+ 4, " :0* 0*6'. 64 0*6+ ' *60 0.',+ *4.

:?ˁ . ˁ Cˁ G -

&ˁ.4ˁ24"+ ˁ5. . 0*6+ ˁ*+""6 3+0ˁ0<+8ˁ90 0*4ˁ - 1 - 0*6+ - ˁ *60 - 660 06+ ˁ (0,+* ˁ
' # ˁ((ˁ4+ - ˁ7.0, 0/ˁ.4ˁ 1*50* , + - ˁ 2 6ˁ +6ˁ *ˁ$ 4"1* 2+8ˁ20""+ - ˁ +"".ˁ - 2 .ˁ *60 ˁ
<0 6.ˁ., 60 ˁ90 0 06ˁ3+. ˁ5.,0ˁ40 50 .6.ˁ 0"" ˁ *ˁ 0" *.6+ˁ 90 0*4ˁ ,+ .ˁ 190 4ˁ
0""19. 4 1ˁ*+50 ˁ03+ 6+ - ˁ6 2+*0ˁ, 0.61ˁ40 - .*4.6+ ˁ*1*ˁ6. - ˁ 50 +,,0 +8ˁ3+.*6ˁ
3+14ˁ + 50.+8ˁ0" ,6< +6ˁ3+.0 61ˁ01ˁ ,1"1 0ˁ .+".ˁ. - .*4. 06+ ˁ 5 0ˁ 0/ ˁ +6ˁ ,1*.6+(ˁ
. - : "".0ˁ * #(056 - .* .ˁ * *9, 06< 06ˁ *60 ˁ2 0""19. 4 + - ˁ06ˁ . - : "". - ˁ *,ˁ
,1* 4 .ˁ,1*<+*90 0*6ˁ - 04 +8ˁ0 06ˁP :0* 1*, - ˁ5 1 , 0ˁ 6.6+ 6ˁ &0*, .6 ˁ +9ˁ
4+*+ - ˁ0 "." +8ˁ 1*"+, +8ˁ32ˁ5 .060 61 + - ˁ - 0 61 - ˁ - 0 - 1 . - ˁ6 2+*+8ˁ03+ B
6+ - ˁ, 0.6+8ˁ< 0+ ˁ,+ - ˁ20"" ˁ *ˁ ˁ 3+ 6.* .ˁ 90 0*4ˁ ,+ .ˁ 6 40 - ˁ 40 - .*4. 06+ ˁ ""8ˁ
6. 6+ - ˁ1*+8ˁ,+ ˁ120+*41ˁ12ˁ *9 .:0 00*60 - ˁ .06.60 - ˁ - 5. ˁ0"%06ˁ 405 0,.6+8ˁ0 6ˁ
+ - 3+0ˁ 0/ˁ* 7 "1 - *+8ˁ+ 90 06ˁ6.*40 - ˁ,.5 6 8ˁ * - 6.X 0*ˁ12ˁ,1*6 *++ - ˁ0/ˁ:+" ˁ
0 0ˁ.4ˁ8 .2. 60 + - ˁ.*60ˁ3+.4 0** + - ˁ.,,0561ˁ41"1 0 - 06ˁ.4ˁ0/6 0 - + - 4 ,+".ˁ
- 5.6 0*6 .ˁ 70 * . - ˁ,.+ .6+8ˁ 0ˁ0/,+ .: 6ˁ 8ˁ" ,06ˁ 160 6.36 2+8ˁ * 0 6 6 - +8ˁ *ˁ
,1 - - 0*6. 8ˁ 0 2 6ˁ - .9*1ˁ0 1 0ˁ06ˁ5 .:1ˁ3+1 +*4. - ˁ *ˁ10,+"61ˁ,1* +"6.*6 + - ?ˁ
01*60 - 56 8ˁ5+2" , 8ˁ,1* " 8ˁ - 5+" + ˁ 090 - ˁ,+ - ˁ 09*+ - ˁ5.,. 0ˁ51 "06ˁ *ˁ20""+ - ˁ
,1* 0* "0

!ˁ # ˁ06 +94+*+ - .*. 0* ,ˁ " . ,9 6 - .40,". .6.ˁJ ˁ 1 ˁ
- 1 .*6 ˁ3+ ˁ *ˁ,. ,0 0ˁ +606 .0ˁ.66 *02.6+ ˁ+/1 ˁ3+.0ˁ3+.*3+. - ˁ 09ˁ50 ,7. .ˁ.,ˁ
50 . - " . 8ˁ6. - 0*ˁ *ˁ,1* 5046+ - ˁ0<+8ˁ5 :.6+*ˁ5 - 0ˁ:0* 0ˁ*1"+ 6ˁ< 04ˁ,+ - ˁ 0/ˁ
ˁ5+2" ,+ - ˁ5 14 06ˁ0/ˁ - 5 1: 2ˁ0ˁ12: . - ˁ.6 .6.ˁ5 .ˁ,+ - ˁ,1 - 6.6+ˁ - .6 1. + - ˁ
.,ˁ: 9 *+ - ˁ"+9+2 ˁ06ˁ90* 2+8ˁ 5*+8ˁ.4:1"+6.ˁ +55"0/ˁ5 1 - . 61ˁ .4.ˁ0 6< 3+0* ˁ
, - * 8ˁ.47+,ˁ*+"" +8ˁ,1 - 50 6+*Q ˁ.+6ˁ51 6+".6+ - ˁ6. - ˁ4 +6+ *.ˁ,+ 614 .ˁ - .9*1ˁ:. ˁ
R6+4 * 8ˁ50 ,+"1ˁ:0/. ˁ3+0 02.6+ ˁ50602.63+0ˁ+6ˁ: 1ˁ **1,0*6ˁ, - *.ˁ 6ˁ3+.0ˁ
ˁ12< ,0 0*6+ ˁ4 "+0*4ˁ *ˁ<+ 0ˁ .,+"6.8ˁ,1*,040 06+ ˁ 0/ˁ *15 *.61ˁ 5046., "1ˁ 6+ Aˁ
50 .4+8ˁ +55" ,0 - 1 1 0 - ˁ 0ˁ .*. - ˁ:1,.2.6ˁ20* 9 1ˁ:+"6+ˁ,1 - 50"".*8ˁ +2"0:. ˁ
: 6ˁ 06ˁ20*0ˁ40ˁ +.ˁ9 .6 .ˁ 50 . 0ˁ<+ 6ˁ5 1 - 63+0ˁ51 6+".6.ˁ5 +8ˁ 2ˁ,+ .0ˁ 1 0Aˁ
%+*03+0ˁ,. 4 *." 8ˁ 167. *9+8ˁ3+ˁ.40 .6ˁ :0ˁ+6ˁ - +".6.ˁ20*0:1"0*6 .ˁ14 + - ˁ60 ˁ
90 06ˁ :0ˁ40ˁ 0ˁ0/ 6+ˁ:0 6+8ˁ+"61 0 - ˁ 1 - 1 .*6 + - ˁ 6ˁ" 20 6.6ˁ 0 6 6+0 06+ ˁ - 0 ˁ
6+0 06ˁ506 6 1*X8ˁ .*.0ˁ,1*<+* 6 8ˁ5 0, 2+8ˁ .5+4ˁ 090 - ˁ 09 *. - 3+0ˁ .4<+: 6ˁ< 06ˁ
.03++ - ˁ5060 0ˁ 5 . - ˁ4 / 6ˁ3+.0ˁ5+ 9.*4ˁ 0ˁ - . 61ˁ .,+"6.60 - ˁ4. ˁ51 00 06ˁ 0 ˁ
6.6 - ˁ06ˁ0/0 - 5"1ˁ0<+8ˁ 6:0ˁ .4+".61 0ˁ 6:0ˁ0/ˁ.* - 1ˁ 4+, .ˁ0/ˁ01ˁ + - 56.ˁ - +"6ˁ 0ˁ
5 1,0 2+8ˁ5 0,08ˁ +.8ˁ,1*<+*/0 0ˁ3+.8ˁ *ˁ21*. - ˁ5. 60 - ˁ.0, 50 0ˁ 0ˁ 0/ 0 51*4 6 ˁ
71,ˁ.44 61ˁ3+14ˁ.ˁ . 1"1ˁ .6 0ˁ *ˁ0. 0ˁ .46+ *ˁ0 06ˁ *4 4.ˁ,.+ .ˁ*1*ˁ51 0ˁ 0ˁ - ˁ
5 12. 0ˁ< 06ˁ40ˁ 1 - 1 .*6 1ˁ 5 1ˁ.*ˁ, - *+ - ˁ3+1 + - ˁ * 6 - +". 06+ ˁ*1,0*8ˁ0 06ˁ
1""0ˁ5 1+*, . 0ˁ 6.3+0ˁ,19* 6 1*0 - ˁ 0 ˁ40ˁ3+.ˁ5 - 1ˁ3+13+0ˁ60 - 51 ˁ - .6+ 0ˁ
40" 20 . 06ˁ 2ˁ + - 5 6k 06ˁ .*. - ˁ 1 1 0 - ˁ.ˁ0ˁ4 - 6

& ˁ $ˁ1ˁ8ˁ%ˁ ˁ ˁ40ˁ ˁ$ *. 1" ˁ 06ˁ (.: "" .*ˁ 0 6 6+6 1*0ˁ60 - 0 0ˁ5 1 - .ˁ.4+ - ˁ 06ˁ
."".6+ - ˁ0.ˁ40ˁ 0ˁ.ˁ ,5".1ˁ ˁ 1**.*1 +41: ,ˁE1*C.9.0 :0 *0* + - ˁ4+, 8ˁ 0 5ˁ
| 6+ *ˁ *ˁ,1* 61 1ˁ,1 . - ˁ 090ˁ 0, 6.6+ - ˁ0 6<ˁ,+<+8ˁ7.0,ˁ + - - .ˁ0 .6< 0908E."" .0ˁ4,ˁ
4 6 1*+ - ˁ +. + - ˁ,1* 0 :.6 1*0ˁ.,ˁ 09*ˁ. - 5" ,.6 1*0ˁ516 +83+. - ˁ40ˁ: 6.ˁ.,ˁ" 20 ˁ
6.60ˁ 0 - 50ˁ + 0ˁ 1" , 618ˁ0. *ˁ12ˁ,.+ . - ˁA1.**0 - ˁ 090*ˁ 4ˁ *9" .ˁ,.56 : 6.60*ˁ
4 +61"0 . "0ˁ ,+ - ˁ" 20 6.60 - ˁ4 6 1*+ - ˁ +. +6*ˁ40,+ 6.6 1*0ˁ." 3+.ˁ 04 - 0 0ˁ516+ ˁ
06ˁ J .*, 0+ - ˁ:061ˁ 09 8ˁ.:+ - ˁ +. - ˁ06ˁ" 20 1 + - ˁ,.56 : 6.60 - ˁ - ."+ 0ˁ3+. - ˁ4,ˁ
09*1ˁ +1ˁ ." 3+ 4ˁ40" 2. 06+ ˁ *0,ˁ:0 1ˁ5 *, 508ˁ 6ˁ 190*6+ ˁ3+1ˁ6 6+"1ˁ616ˁ5 1ˁ
: *, .8ˁ51 " 40.*6ˁ." +4ˁ3+14ˁ 0 51740.*6ˁ" .20 0ˁ3+. - ˁ0.8ˁ 6.ˁ.ˁ5. 0*6 2+8ˁ.,,0ˁ
5 6ˁ$7 " 55+ - ˁ 051 00*6 2+8ˁ 0.51" 8ˁ06ˁ(, " .0ˁ 09*.ˁ 04 1".*0* 0 - ˁ5 *, 5.ˁ
6+ - ˁ 09*+ - ˁ .; . .0ˁD$".,0*6 *. - ˁ. ,0 - # . - 0 .,+ - ˁ .2.*6 .0ˁ5 *, 5.6+ -

1
%ˁ ˁ ˁ$ˁ ˁ# ! $2 ˁ # " / & ˁ ˁ 8 " , # $? , ! !$: ! ˁ
ˁ ˁ !# $ ˁ9 !!$ $ˁ0 /*# !)$ 8 !)ˁ # " ˁ ˁ(! 5 ? ! ˁ2ˁ , !
3R ˁ ! 6 $ˁ Vˁ ˁ4 . # ˁ V ' 0ˁ

* *ʿ4" +4ʿ 0 51*40 0ʿ 5" 6+ - ʿ 3+. - ʿ 0.ʿ 6.ʿ .ʿ 5.6 . , ,05 "0ʿ ʿ 0140 - ʿ6 6+" ʿ&0*0618ʿ &ʿ
- + 6.8ʿ + 6 . , .0ʿ41 - +8ʿ4 6 1*08ʿ . *6+. *1 + - ʿ5 *, 5+ - ʿ J0 - 0* + - ʿ0 6# . ' , ʿ ʿ
. 1 + - ʿ1" ʿ2 / . - ʿ 40* 3+0ʿ05 ,15 8ʿ .40 - 56. - ʿ 06 *0 0ʿ70, ʿ ʿ 1906+ 6 + ʿ
.0ʿ4+/ ʿ+6ʿ (0*0* + - ʿ 0 5+2" , .0ʿ " 20 6.60 - ʿ . *6 3+. - ʿ 0 6 6+.6ʿ ʿ51*6 0/ ʿ ,+?
é 1*1* .006ʿ *,1* .0 6.6+ - ʿ. *6 3++ - ʿ - - +6. :0 6ʿ . " +4ʿ 0 51* + 18ʿ 06ʿ ʿ "0/ʿ
ʿ +6ʿ5 +, 508ʿ 3+.0ʿ .ʿ - .<1 2 8ʿ+ + 5.6.ʿ51 40*6ʿ 0 6 6+0 0ʿ60*0. *6+ ʿ .4ʿ + - ʿ
- .8ʿ. *9+ 6 .8ʿ5"0 1 3+0 3+ ʿ*+*, ʿ" .60ʿ 09*. *6ʿ 04. 6+ - ʿ ʿ ʿ 5 + - ʿ (.2. +4+ - ʿ *1 ʿ
- 0" 1 0ʿ<+ 0$ *. 1" + - ʿ06(. : " . *+ - ʿ 051 ,0 0ʿ51 "0 3+. - ʿ 0/ʿ0 , .0. - ʿ06ʿ 60* ʿ
0 - ʿ, : 6.60 - ʿ / / /ʿ, , 60 ʿ(. "+, . * ʿ5 *, 5.6+8ʿ155 4.ʿ06ʿ5 . - ʿ ʿ +9+ 6. - ʿ%. + ʿ
1 + - ʿ 05060 0ʿ51""" 6ʿ 0.ʿ 40ʿ 0ʿ +94+ ʿ *60 ʿ 09 8ʿ06ʿ (.2. +4 ʿ 40"09.61 8ʿ .560ʿ / ʿ
. * *18ʿ. "+ - ʿ0 "0ʿ< 06ʿ 0*60*6 .ʿ" .6.ʿ0.8ʿ4 6 1*08ʿ1 - *0 8ʿ 09ʿ .4<+4 , .6.8ʿ 06ʿ :061ʿ - ." ʿ
. +9+ ʿ0 "0ʿ +6ʿ 0/ ʿ616ʿ5." - . + - ʿ - 50 .61 ʿ616ʿ 02+8ʿ90 6 8ʿ,". +8ʿ ʿ *12 " - ʿ$1 ʿ
"1*1 + - ʿ ʿ + J .9 8ʿ .4ʿ *12 " "" - + - ʿ 09*+ - ʿ :1, .6+8ʿ 3+ ʿ6. *6. - ʿ 40ʿ 0ʿ1 - * + - ʿ
50 - ʿ,1*, 6. : 6ʿ . +"5 , 8ʿ*1: 09* ʿ *1*ʿ 40ʿ0<+8ʿ. - 5" , .6 1*0ʿ 04ʿ 40ʿ 01ʿ - - *+ ʿ
0*41ʿ,19 606ʿ .2ʿ0.3+0ʿ 0ʿ5 *, 5 + - ʿ 09*. *4 ʿ . , .6ʿ .63+ ʿ . - .ʿ - 50 .ʿ ,1* ". ,ʿ<
6.3+0ʿ: 40*4+ - ʿ 3+. *61ʿ *1*ʿ 1"+ - ʿ0/ 6 - .6 1* 8ʿ 04ʿ 06+ *ʿ *1 6 . + - ʿ50 ,+"1ʿ06ʿ
406 - 0*61ʿ 4ʿ .6ʿ *. *ʿ *60 ,"+ 1ʿ.2ʿ1 - * ʿ5. 60ʿ *ʿ 6." . - ʿ *9 0 ") ʿ06ʿ9ʿ 1*60ʿ 0 ʿ
ʿ" . *1ʿ .4 6+ *ʿ *ʿ(.2. +4 . - ʿ 7 + 91ʿ06ʿ * +". ʿ 50 ʿ(09+ . *18 ʿ +* 1ʿ06ʿ 1*60 0 ʿ
9." ʿ50 ʿ$ 1: *, . - ʿ +9+ 6.ʿ%. + *1 + - ʿ 40* 3+0ʿ 60 ʿ12 6 +0*60ʿ 3+ 4 ʿ$,18ʿ ʿ
. *4+". *18 3+ 4ʿ" 7 .0618ʿ 5 18ʿ,19 6.6+ 18ʿÑ. +6ʿ3+. - ʿ40* 3+0ʿ 4+, . - ʿ,060 18ʿ 6." .0ʿ
5 "5, 508ʿ 0 - 50 ʿ 4. - ʿ . ,ʿ ,0 6. - ʿ E . ""1 + - ʿ150 - ʿ0/50 618ʿ *ʿ *12 8ʿ ,1""1, .6+ 18ʿÑ
". "60 - ʿ 5. *1 + - ʿ 0/0 - 5"1ʿ 090 - ʿ 0/ , 6. ʿ 4020 0ʿ 3+ ʿ 6. - ʿ 06ʿ A. ,12 . + .ʿ
: ." 41ʿ 5 .0 4 1ʿ - .6+ - ʿ 06 *0*6ʿ 3+ ʿ *$1*60 - .9ʿ *ʿ $; 0* .0ʿ . +, 2+8ʿ 06ʿ
3+ 6. * ʿ" - 6 8ʿ *9 0"%+ʿ *+*, ʿ 0 6 * .6 8ʿ 150 2+8ʿ 50 ʿ&0 5. . *+ 66ʿ E4*C.9. - ʿ - + ʿ
* + *6ʿ 3+14ʿ 4ʿ0/ 6 - 0*6ʿ .4ʿ. - ,18ʿ *ʿ1 , 1ʿ,1*6 *0*418ʿ50 6 *0 0ʿ3+ 4ʿ :0 1ʿ *1*ʿ f
. + + 18ʿ ""18 ʿ 0+ - ʿ : 40 *6ʿ *18ʿ]ʿ . - . * 1". - ʿ 06ʿ . :0"" + - ʿ6 . *8ʿ "50 8ʿ 60*0 0Nʿ
*. - ʿ +6 + - 3+0ʿ 50 ʿ 0ʿ402 "0ʿ0 "0ʿ $ *. 1" 1ʿ06ʿ (. : " . *1ʿ 0 6 6+6 8ʿ 06ʿ :0 1ʿ - * - 0ʿ
4+2 + - ʿ0 "0ʿ 3+ *ʿ0140 - ʿ0/0* 5"1ʿ *, 6.6+8ʿ . *6+.0ʿ4+/ʿ / ʿ, , 60 ʿ, . 60"". ʿ3+.0ʿ0/ʿ
1* 0 .60* ʿ 4 6 1*0 + + 5. 0ʿ 090 .ʿ ,1*3+0 6+ ʿ *+*, ʿ .2ʿ 02ʿ 6051 , .6ʿ 3+1 + - ʿ
6. - 0*ʿ 0 6 6+6 1*0 - ʿ 5 0ʿE1*C.9. ʿ3+. - : 8ʿ *ʿ .6 8ʿ, . + .ʿ .03+ 1 ʿ0 "0402+0 6ʿ74,ʿ
+ 3+0ʿ - 504 :0 6ʿ 3+14ʿ 09 .0ʿ4 9* 6.6ʿ . ,ʿ 09*ʿ . - 5" , .6 1* ʿ5 : .6.8ʿ,7. 6 .608ʿ
0 - 50 ʿ51 67.2+0 6ʿ G+ 4ʿ ʿ 5. * ʿ *18ʿ .99 04 . *6+ ʿÑ G+. - ʿ 40 - ʿ .2ʿ. - , 8ʿ0/ ʿ
504. - 6 ʿ 3H+18ʿ5 - ʿ 5 ʿ 40 0 +0 - +8ʿÑ 1*ʿ .2ʿ 0" :06 8ʿ *1*ʿ .2ʿ *9" 8ʿ *1*ʿ40B
* 3+0ʿ .ʿE0 - . * 8ʿ. +/ " .ʿ 506. *4.ʿ0 "0ʿ . * ʿE0 - . " 8ʿ ʿll%+""+ - ʿ& 14+*+ - ʿ06ʿ
A : 14+ + - ʿ 04 1 - .6 ,+ - 051 , . *6 3+ 4ʿ71*0 60 0 51*40 ʿ5160 6ʿ ʿ 63+ ʿ -0 ʿ
- 1 08ʿ1 - *0 8ʿ0 "0ʿ4020 0ʿ3+14ʿ,+ - ʿ0.ʿ 40ʿ 0ʿ. *60ʿ/ :ʿ. * *18ʿ . *, ,1ʿ" ʿ 090ʿ ʿ "10 ʿ
8ʿ +41: ,1ʿ .4 +, 1ʿJ0 4 * . *4ʿ .0 . 8ʿ*1 - *0ʿ 0 " 6+6 1*0 - ʿ0. + - ʿ, : 6.6+ - ʿ
+ 90 60ʿ40" 20 . 06+ ʿ .ʿJ . *4 ,1ʿ ʿ " : . 1ʿ, . * ,0"". 1ʿ *d*ʿ - *+8ʿ90*0 1 0ʿ3+. - ʿ
5 +40*60ʿ60 5 1* + - ʿ 6ʿ *. - ʿ " + - ʿ. *603+. - ʿ. " ʿ 0*60*6 . - ʿ4 ,0 0*6ʿ1, ,+5. "0ʿ06ʿ
4 9*+6*ʿ, .5 6."0ʿ +55" , .ʿ5 1*+*, . ,ʿ< 3+ ʿ 09ʿ6. *ʿ 104ʿ ,1* " ʿ. +41ʿ0"%06ʿ 0,ʿ
\:061ʿ 50 . 0ʿ 090 - ʿ4020 0ʿ +6ʿ(.2. +4+ - ʿ<. - ʿ "5 * 8ʿ12*1/ + - ʿ01ʿ .41ʿ 2ʿ. 4 +8ʿ
40: *, .6ʿ ʿ3+ ʿ 1*6 .?ʿ, .56.6.ʿ *40ʿ10, . 1 0ʿ *ʿ 090 - ʿ 3+0 *ʿ12ʿ5160*6 . - ʿ. "60.ʿ
0 1 - 4.2.6ʿ *+*, ʿ,1* ,0561ʿ,1*60 - 56+ʿ *ʿ0+ - ʿ - .<1 0ʿ 4+, .ʿ ,+ - ʿ "5. * 8ʿ,1* ʿ
" .ʿ,1*<+*906ʿ 8ʿ06ʿ5 1" / +8ʿ4 + 8ʿ .6 15 2+8ʿE1*C.9.ʿ 090 - ʿ 19.2.6ʿ +6ʿ 0*B
60*6 . - ʿ40ʿ 0 6 6+6 1*0ʿ + 50*40 06ʿ ʿ06ʿ 0*6ʿ1 - *0 - ʿ.4ʿ 0* .6+ - ʿ$. 0* 0 - ʿ ,+<+8
ʿ ʿ ʿ ʿ? 40

%ʿ $ ʿ 7 . - ʿ / % . ʿ ʿ+ ʿ ʿ% ʿ b ! ## ʿ = ʿ ʿ ʿ ʿ
ʿ % U ʿ He ʿ ʿ% ʿ < ʿ ʿ 6ʿ 4 .$ʿ ʿ - ʿ ʿ ʿ, $ʿ,
ʿ+ ʿ ? 3> ʿ ʿ ʿ ʿ" 6 ʿ ʿ ʿ e ʿ $ʿ ʿ% $:ʿ . ʿ
ʿ) 6 ʿ -
. ʿ ʿ f ʿ ;ʿ ;ʿ ;

AB2 1 #

& 49 5.6 66 2*"1 609 1 ,19* 6 1 0 6 " 1*0 6.0 0/,+ .6 1 < 8 .5+4 (.2.+4+ - "1,1 0 - R
""" 60 06 G+14 " 40 0 6 6+6 1*0 0**0 40, 0: "06 51 6 0 - 1 1 .2.6 +6 0 5 .0 04+ .
0. 5 +8 41*00 0/150 . 06 4 5"1 - 6 8 3+14 . 090 50602.6 0/0 - 5"1 - "2 3+1 06
, 40 + . .5+4 ,+*418 01*" 06 06 51 60 6.8 , * 1 , . 0 3+.*6+ - * 5 1 +0 6
? *60 ,6"" 0 *0 6. * 406 - 0*61 . 0 6 6+6 1 0 06 0, 6.61 , 56 ,+ - 0/ <. -
40 - 40 0 6 6+6 1*0 12" 9. "0< E1*C.9.0 6+4 + - 06 0 9. 0 12 03+ + . * 50, 0 -
".+4.:R *10,+"61 . - 2 6 1 0 4 .2 01 +6 1 - * . .4+ - +60 5 06.6+8 - 1/3+0 0/
-5"1 4 5"1 - .6 8 3+54E1*C.9. 0/50602.6 "04 5 3+ 2+ 4. - * 01 - - +6.6 8 5 + -
V. 5 .0 04+ . 3+. - 51*6.*0. ,<0 .6 1*0 . 0 .24 , .:0 .6 0/1*0 . : 6 c 6. +6 * 7 " L
0/ 0. 0 40 *,058 E1*C.9.0 - 5 .6. .+6 - 5 150 . "55" 05 4 .4+ - +94+* /
S." 4 * 6 + - 0*613+0 . , 56. 09 *.0< "0* ; 3 . : . 167. *9 E+ .*
Q"1 . 6 0 6 * , . 4 *." + - 1 : ""0 ." .5 2A 0 - 1: ,+ - 05 ,15 06 0:0 ?
* *1 - * . (0,+*4+ - " .50 ;0 * +8 " 20""1 .4 +5 0 - + - ,1* , " + - $ * . 1"
. 090 1 4 *.6+ - ? 4 041 40, 06+ - : 9 4+8 1:0 - 2 0 8 +6 4 5"1 - . 3+1 40 *
0 ,0 " 1*0 ;0 * ,5*6 . 0 6R+6 1*0 - 408 02.6 06 5 0 . 5 .0 04+ . 0. 0/1*0
6.2.6+ * . . 5+2" 0. 0 0 06+ 40 - 06 E .6 .*152" S) S.2 0, .4+ - $1 6,.
6 .4 E+" 0 - + - .*6+.0 4+,0 - 6.6 0 - ,+ - 3+1 ." 13+ - * - 0 5 ,1*:0* 0
2.6 0<+ 6X0 - 4 5"5 - .6 8 0/0 - 5"+ - - 6 E1*C.9. 06 +6 * . ,A7 : 8 0<+. .4 50 506+. -
0 - 0 - 56 . - 051*0 06+ 19.;R 14 06 50 *40 0/ * - ." . - 5. 60 - . , ,05 6
. *60 / : X S." (056 . - 6. 06 (.2.+4 +/1 5 +40*6 .0 .*4
-1* .0 06 : " N .+ - " .+4N * " 9 8 .65,1*,0 0 .6 +9+ 6.0% .+ *1 + - 3+ *+*
5+8 $7 " 20 6+ - - - .*+0"0 - * . <6+ - 3+ * .+". 5 .6 41 - + - 0:12. : 6 .+4
- +R151 6 - +8 A"0* ,+8 *91" - 0* 8 *167+85 .* , .0 5 1 3+ 9 .6 . - (.2.+41
.4. - 0/09+6 1+ 40 - .*4. 06 < 3+0 $ * . 5" + - 5 1 04+8 404+4 p <*40 06 (. :
` .*1 5< .0 4 8 .0 - . ,7 * 8 20"" , 8 + ""08 * (.2.+4 - .*+8 ,1*H 6.: 6# . 0 62
+6 5*0 0".6 1 3+. - 0 9. 090 - 3+0 * .2 01 60 - 51 0 ,1*60 - *0 0 ,105 6 . - , 1
,+6 E2+C.9. 5 .04 /0 .6 *1* 40 R I.2.+4+p : 161 ,1+ " 1 06 .41 5 1 * 090 -
5 + - 06 *1 - 0* E.") ,+ - 0+ 6.*6+ - 40202.6 ,1*) . 1, ,+"6. 6 +0 0 < 3+.0 06 : .
4 8 - 14 8 . , 60 - 51 2+8 ,1 - 51" 6. - 3660 5 .0;0+6+N 16 .* , 5 6 .4 0 04+ -
6,+*3+0 50 0+ - 6.*40 - 50 4+4. +6 40 *,058 ; 402 - +8 ? +"6.06 . 090 - ."3
1* +R1 6 - *R 5 09* 5 .:0 * *0916 1 + - .4 - * 6 .6 2*0 06 * 3+.0 6+ . *
.1: .6. < 5 1 + 2 *.6+ . 5 *, 5 50 52" 3+.8 06 1" 5 51* 06 . - .6 1*." 2+8 ,19*
6.8 . 6+ .8 51 6. .4 - - 14 0.8". 9 6 1*08 3+ 2+8 .0 . + - 1 - *0 . , 09* : 0 8 0/
. .+ 6 .50 6. $0 - .6 - 1* 3 3+13+0 0<+8 ,59 6.6+ - 06 609 *.0 5. 0*6 8 +. <
3+.0 0 - 0" 8 +2 *+ - 0/60 * 8 - 1 2+8 ## " *9+.0 E.) , .0 9*. . 0 + - 5G6<6+ . -
50 .2.6 - +8 0. 40 , .+ . * (+0, . - ".+4 +8 8 $ * . +8 0 3+.6+1 : 8 . 0, 06 8
05 1" 8 3+ " .2067. - 5 .0 6.*6 1 - . ; 9 70 - . A1.**0 090 .6 0 *+/1 0*;
09 5060 06 06 0<+8 0 9 0 - 4+4 a * , . - 0 - 0,+ - ,2". 2 9"1*1 5 41 0 0/
,0""0*6 .4)+ - . 0 06 + - 1 - * . .4 20""+ - 5. .*6+ - .0 .4 +50"" .*18
*60 - " 60 .0 3+ 2+8 40 0 - +"6. N6 09 09 . 0 9. 6 .*3+ "" 6.60 - 5+2" 0. - :1"+ Q
6.60 * .0 .6+8 5 .060 61 + - 12" : 1*0 - .*; 0 0.6 3+*428 .4 . - . 51*0* 4. 71 6.
.6+ <+202.63+0 +6 + 208 10,+5.6.0 3+. - 5 - + - 0 6 6 +0 0* 6+ 3+ 3+0 41 - + 3
5. , ,0 : 4+ +8 01*,040 06 . ,+"6.60 1 - * 2+8 4.6. +6 " 20 0 3+0 0 .8 +.8 .4 0
0 0*6 + - 5. + - 8 506 - 1:0 <1 - *08 0/.,0 2.608 *0, .6 8 5 1 - 8 40*
,0R *60""0/ "06 ."60 .8 - 4 4? 4.6 3+ 2+8 0/,+ .62 . - 1 + - .55. .6+ 5 1
" /0 60 - 40 + . .4 08 5. , .*4.8 5 150* 1*0 5 R0 .6+8 * +50 50 . . , 02.6 +6

J 31
. < 4 "G2> =3B3")3= 3(+(G W $ ^> " =3B3 +">(" 1 I + @ =3B F !1 3 ! =-
B "&) + >- 5
2 (- ! # , * ")$ 1 5 # / 4 #! $ 2; !# $
9 ! $ 7 . !$ 8 ; ! #$ 4 !$
K) "!) # # " ! ! " >3 =3)2 1 1G3)="&)

*0 - * ˢ12ˢ 4 9 1*0 - ˢ50 0+" - ˢ *ˢ51 6,6+6*ˢG< 0. 06+ ˢ (04< + - ˢ ""8ˢ" 60 8ˢ +"".ˢ & ˢ
" 20 0ˢ ,1* :0* 0*4 ˢ *ˢ 0" 9 1* 8ˢ*0916 1 ˢ1 4 *+ *ˢ 09* ˢ ,1* :1, .*41 . - ˢ .+6ˢ ,1* # ˢ ˢ
, " 1.6 1* ." 8ˢ,0R2 .*4 ˢ3+14ˢ " ˢ50602.*6< - 0*6 1ˢ 0 06ˢ :0 6 ˢ *0ˢ *4 6.ˢ, .+ .ˢ
,1*40 - * . 0*6+ ˢ <* " 8ˢ 09*1ˢ . ,0" 0 05. 61 2+8< ,1ˢ4 " 90*6 +8ˢ 0ˢ .4ˢ 40 0* 1*0 - ˢ
5. .2. *6ˢ - * ˢ5. , 8ˢ 50ˢ,6ˢ,1* ^ 1ˢ.2<041 ˢ 6.3+,ˢ 0/ˢ 60 6 1ˢ.4ˢ +50"" .*18ˢ , 2 6<
06ˢ 8ˢ 0" 9 1* 8ˢ +.0ˢ " 20 . - ˢ5 1 0 " 1*0 - ˢ *4+"906ˢ3+. *6+ - ˢ.4ˢ,060 18ˢ 0.ˢ .4ˢ ." ˢ
3+14ˢ 60 - 5+8ˢ "+ 50* . ˢ *0,ˢ1 - * *1ˢ *09.6. ˢ 140 - ˢ 60 - 51 0ˢ $06 +8ˢ ? + 40"" +8ˢ
0*61" - . ,ˢ .22.8ˢ2 1.9 + - ˢ.ˢ 090ˢ - "%+8ˢ3+ ˢ,+ - ˢ .* : 1 ˢ3+ ˢ06ˢ01 :0* 6ˢ 06ˢ
+50"" .* 8ˢ40ˢ5.48ˢ,1*4 6 1* 2+8ˢ.90 06ˢ 0*61" - 1ˢ 0ˢ,1 - 60 - ˢ.4<+*/0 .6A1. **08ˢ
ˢ . +8$ 45*+ - ˢ5 .061 ˢ3+ ˢ12ˢ5 :.6. - ˢ1 J0* 1*0 - ˢ 0ˢ$ 160 6. *6 + - ˢ5. 6 2+8ˢ.5ˢ
5" ,+0 .6ˢ< 01 + - 3+0ˢ,1* " .ˢ,+ 1 0ˢ - .2.6+ ˢ .,ˢ40ˢ 8ˢ 09 * . - ˢ ,0 6 1 0 - ˢ0 02 8ˢ
+ , 8ˢ .402.6ˢ 0<+8ˢ9 .6 . - ˢ0.ˢ .6 1*,ˢ, .56. *8ˢ G+.0ˢ 6. - 0*ˢ - 1* 6. ˢ3+14ˢ.2ˢ71 ˢ
- *0ˢ:. 1ˢ06ˢ. - 2 6 1 2ˢ06ˢ5 1 *40ˢ + 5041ˢ5 1 , ,0 0*6+ ˢ *1*ˢ50 *40ˢ *ˢ21* .*/ˢ
5. 60 - ˢ. , , 5 02. *6+ ˢ + - ˢU *9+" * ˢ ˢ.ˢ ˢ +50"" .ˢ"0+, 8ˢ0"%0*6ˢ :0*0 0ˢ +94+*1ˢ
+50"" .*1 + - ˢ 09.6 ˢ * 7 "ˢ5 .060ˢ0. ˢ3+.0ˢ+"6 - 8ˢ 09 8ˢ" 60 8ˢ ,1*6 *02. *6+ ˢ . ˢ
0 0*608ˢ . - ˢ" 20 6.60ˢ,1* , 0*6 . - - ˢ50 - . ˢ 0/ˢ+ 208ˢ 0 6 6+ ˢ50602.6ˢ71,ˢ.4ˢ
4 61 ˢ40 40 . 0ˢ +6ˢ5. , 8ˢ 50 ˢ +* :0 + - ˢ 09*6+*ˢ 6.6+0*4.0ˢ .6 1*,8ˢ *04 6+ ˢ ˢ 0.ˢ
5 1560 ˢ5 8ˢ,1* ,040 0ˢ" 6ˢ40"09.608ˢ.4ˢE1*4.0+ - ˢ *ˢE0 - .* . - ˢ - 66. *6ˢ *ˢ0. *ˢ
0 - ˢ,1 - - 0. +8ˢ" 60 .0ˢ,1* ,0 " .0ˢ * +50 ˢ8 19, 1ˢ,+2 ,+". 1 09 ˢ: .0ˢ4+,0ˢ.66 ?ˢ
2+61 ?ˢ3+ ˢ,+ - ˢ018ˢ50 E."" . - ˢ404+,0 06ˢ01 + - 3+13+0ˢ 0 - 1*08ˢ,1* " . ˢ06ˢ,+*6ˢ
3+ 2+8ˢ,1""13+0 0*6+ < 0/5"2 . 06ˢ< . ,ˢ5 .0, 5+0ˢ +606 .0ˢ ,+ - ˢ " . ,ˢ6 .* 0*6 ?ˢ4 " ˢ
90*60 ˢ12 0 :. 06ˢ .*ˢ06ˢ .ˢ3+ 2+8ˢ" 60 .8ˢ. , , 50 0*6ˢ .ˢ3+ 2+8ˢ 60 - ˢ50,+* .0ˢ *ˢE0 B
- .* .ˢ*+ - 0 .*4.0ˢ - .*4.6.ˢ7.20 0*6

ˢ #ˢ.ˢ- - ˢ ˢ 0/ˢ :0* 1*0 - ˢ5 1 0 7 +8ˢ,+ - .2 (< 3+ ˢ ˢ 20 1.0 - ˢ?$+" ˢ
+ - ˢ06ˢ: 4 .8ˢ 714. *1ˢ - +* 6 1*08ˢ60*02. *6ˢ, ,+ - ˢ1 - * .ˢ * 0 6. ˢ *4 9* . 06+ dˢ
0, .", - ˢ.4ˢ018ˢ - 66 6ˢ3+ ˢ404 6 1*0 - ˢ . ,0 0ˢ - 50 . 06ˢ 1,1 + - ˢ0 :.*41 + - ˢ,+ ˢ
. - ˢ + 0050 .*6ˢ +5 9+4+8ˢ06ˢ"$06 19+ 4 +8ˢ ˢ3+ ˢ40ˢ12 03+ 1ˢ +1ˢ0 9.ˢ 090 - ˢ 50 ˢ
, 1 0ˢ5 .0 .6 ˢ* 7 "1 - *+8ˢ,+ - ˢ40ˢ,1* 0 0*6 . + - ˢ" 20 6.60ˢ: 6.ˢ06ˢ 21* 8ˢ.9ˢ5 .0ˢ
60/0 0*6ˢ.4ˢ40 0* 1*0 - 06ˢ *<+ .8 3+.0ˢ 5 8ˢ.ˢ3+ 06 8ˢ5+2" , .0 +6ˢ. 02. *6ˢ71 6 2+(ˢ
* 0 02. *6+ ˢ5 15+" .*4.8ˢ 0ˢ5. .618ˢ1 60*402. *6ˢ 6.3+0ˢ06ˢ0/ˢ& :. 0* ˢ5.90ˢ,1 - ?ˢ
- 0.6+8ˢ - 51 6. ˢ06ˢ*1 :1ˢ - " 60ˢ. ,08ˢ - 4 ˢ,+ .2. *6ˢ Vˢ(.* 1 - .* +8ˢ3+13+0ˢ.4ˢ
,18ˢ0/ˢV(056 - .* .ˢ.4 :1". : 6ˢ,+ - ˢ." 3+16ˢ03+ 6+ - ˢ.""8ˢ06ˢ ˢ504 6+ - ˢ 69* 8ˢ ˢ"+ 6 . ?
A 3+,ˢ"1, 8ˢ D$:.6 .*+ - ˢ,1* ,0 "R ˢ5 .0 61ˢ.4ˢ1 - *0 8ˢ, . +8ˢ +6+ +8ˢ 0,ˢ - +"64ˢ
51""ˢ 20 1* 8ˢ5 .0 4 . ˢ ˢ 0""1 - 176 + - ˢ *60 , 5 +*6ˢ ˢ *ˢ013+0ˢ." 3+16ˢ 0":06 . \ˢ
+ - ˢ 9* . ˢ3+ ˢ 09ˢ - " 6.2. *6ˢ155 0 18ˢ, .04+*6ˢ .202.6ˢ6+*,ˢ *ˢ0/0 46+ˢJ .* ˢ
0 0+8ˢ 1 21* +8ˢ ˢ 0" *+8ˢ.4ˢ / ˢ20"" .61 + - ˢ, 1 ˢ,+ - ˢ3+ 2+8ˢ ""0ˢ - 0* 0ˢ 412 ˢ
51 6 8ˢ.4ˢ$+ *+ - ˢ, . 6 8< / :ˢ - . ,7 * 8ˢ .4 - 16 8ˢ,1*6 *+.ˢ5+" .6 1) 0ˢ"1,+*6ˢ:0 20?ˢ
.: 6ˢ - 1/3+0ˢ616"8ˢ; 2+8ˢ155+9* .6 1ˢ .46. " 3+. - ˢ 1 6 - 0ˢ12 4 ˢ ,+ 7ˢ4. - *1ˢ
09 1 + - ˢ + 6 *70 +*6ˢ. ,ˢ 05+"0 +*6ˢ ,+ - 3+0ˢ4. - *1ˢ * .4 ˢ*1 6 ˢ40ˢ4 00 +ˢ,19 ˢ
6. 0*6ˢ - + ˢ50 ˢ 0ˢ402 ",8ˢ06ˢ51 - 10 1ˢ *6+8ˢ4+ 61ˢ - 5+"" ˢ.47+,ˢ 0,0*60ˢ:0 20 .6 1*0ˢ
3+. ".6 3+. ˢ 51*6,ˢ,1 +0 +* *ˢ3+.0ˢ + * .ˢ,+ - ˢ*3"" .ˢ12 0 1 + - ˢ4 " 90*6 .ˢ . , ˢ
51 06ˢ6.*40 - *0/ˢ(.* 3 - .* ˢ,1* " 1 ˢ3+ ˢ ""+,ˢ.!X, . + - ˢ. , , 0" .6ˢ"1,+8ˢ40 0 6+6ˢ<
< - R 3+0*1 665 1 +9 0*8ˢ.4ˢ$:.6 . *+ - ˢ 0,056+ - ˢ7.2+ 6ˢ J 10 - * . ,ˢ,6ˢ5+0 ˢ
. 51 6.6 8ˢ 02+8ˢ + 8 ˢ *ˢ6+6+ - ˢ404+ "" ˢ6. *61ˢ < 76 1 ˢ. ,ˢ 1"0 6 . ˢ +6ˢ * 7 "ˢ40ˢ71 6 + - ˢ
,1* " 1ˢ*1 6 ˢ 0 0 0516+0 *6 ˢ3+ ˢ*6. *,ˢ$+ *+ - ˢ: . ,++ - ˢ *9 0 ˢ *ˢ013+0ˢ .5 * 8ˢ
. , ". - - . 9 . .6ˢ* 7 "ˢ *609 + - ˢ .2 * ,0*4 1ˢ5 .060ˢ+* , . - ˢ41 - + - ˢ 0" 3+0 +*6
ˢ ˢ ˢ ˢ ˢ ˢ *40

ˢ%ˢ ˢ ˢ$ ˢ ˢ % $ˢ ˢ ˢ % / ?% ˢ U ˢ ˢ! ˢ ˢB 0ˢ ˢ ˢ
/4 VY ˢ ˢ ˢ" $ˢ" ˢ6 ˢ ˢ. ˢ 0ˢ ˢ5 6
2 ; !$ 0 / # $ 2; & $ [2 ˢ $0 " ##$ 2 ! " ˢ ; , #$ 2 " !#

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& ' *40 60R1 0 50 '& :. 0* 0 - '5.9+ - ' 5. 1 ' 5"0 .3+0 "1, .' 0,0566. '5 1 - 16 8 ,6 .* '
' # ' ' .4 $:.6 .*+ - ',. 6 8' 04 61' +,,0"%+ ' X%. - ',+ - '(.* 1 - .* +8 ,+ - ' *1: 8 ,1 '
5 8 .+/ " 1' +50 :0* 06 ' 0" *+8 ' 3+ ' 2 ' +,,0""2 0 - ' - "%+ - ' 0""19. 4 + - ' 2.+4
.6 8 .03+1' 4* - 1' 0 06' 06 1' $+ *+ - ',+ - ' + 8 ,1*,0 6 ' 2 ' 0""19. 4 +8 0/0 '
,6+ - ' - 40*60 0" *1' .,,05 6 ' 06#E .*+ - '.,' - 1/' 1 1"+ - ' 06 1 *.,+ - ' "1,.' * '
- .' 4 R5 8 5 .0 4 . 8 1,,+5. ' * 3+0 71 5 6 .',15 8 + 8 . " 9*.6 ' <. - ' .550 '
60*60 7;0 - 0 '3+.0)" 8 "148 12 - 1*6 + - ' : , * . - ' 06 :0*61*" - : 1"0*6 . - ' . 50 - .'
0 6 ' 140 - ' 60 - 51 0 0/ '.4 1*2 +* + - 4.6 " 60 .8 ' 3+ 2+8 <+202.6 ' . - 8 51 6 8 '
" 6 41 - + - ',1*,040 06 ' &0 + - ' ""0 .40 - ' 3+.0 ." '5 .0 .6+8 ' 06 <+ 6. .' 40 0* 1 0 - '
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ʿ ſ,0 60ʿ3+ ʿ06ʿ *ʿ.+".ʿ .61"5ʿ :ʿ .6 0ʿ ʿ,+-ʿ *ʿ$1"1* .-ʿ5 1 , ,0 06+ :

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*ˢ 167. *9 .ˢ10+"18ˢ *ˢ D "1 6. -ˢ ,1". ˢ ˢ 167.6 *9ˢ&."40 - 1*6 ˢ " . -ˢ5 .0 6.*6ˢ &ˢ
1 - .ˢ: 9 *0 -ˢ ,1*<0,0 .6ˢ06ˢ1, +"61ˢ0<+8ˢ. - 1 0ˢ,.5 02.6+ ˢ,. 4 *."0ˢ <2".61ˢ40" # ˢ ˢ
40 + -ˢ ++ -ˢ5. 0*6ˢ 09 *.0ˢ.5, ,ˢ - * - 0ˢ4+2 6.: 6ˢ3+14ˢ* 06+ -ˢ0/ˢJ .*, ,ˢ " ˢ
60 - 51 + -ˢ 0,1 4.6 1*0ˢ *ˢ.* - 1ˢ0<+8ˢ,1*,056 -ˢ,+ -ˢ "" +8ˢ - 1 60ˢ0:. . + "0ˢ, 040ˢ
06ˢ 6.3+0ˢ - " 8ˢ 6.6 -ˢ *ˢ(+04". -ˢ ˢ + 3+ +8ˢ3+ˢ $ *. 4+ -ˢ01ˢ - ""/ -ˢ 0:1,. 06ˢ
06ˢ *ˢ 6 *0 0ˢ . 1"+ -ˢ 167. *9 .0ˢ4+,0 -ˢ40ˢ 09 8 :1"+*6.60ˢ,0 6 1 0 -ˢ .,0 06ˢ ˢ
4 8ˢ. 6 , 1 0ˢ .6 1* 2+8ˢ,+ -ˢ$ *. +8ˢ506 61ˢ.ˢ(+0,1ˢ,1 - - 0.6+ˢ0ˢ0/,+ . "06ˢ5.ˢ
+ -ˢ71*0 60ˢ*0,ˢ, 6 .ˢ50 ,+"+ -ˢ4 - "+8ˢ0 6ˢ " .2067.ˢ 09ˢ6+*,ˢ40 6 *.6.ˢ 0560*ˢ
* 1ˢ51"" 7 61571 1ˢU 09."151"0*"ˢ4+,ˢ "20 6ˢ "1ˢ*+5 6ˢ ??

ˢ ˢ+ˢ ˢ7.0,ˢ *ˢ 0" *.6+ˢ06ˢ(056 - .* .ˢ.90 0*6+ ˢ +41: ,+8ˢ "1 24* +8ˢ 1*B
50*ˢ0 +8ˢ *ˢ9$ 41* 2+8ˢ - * - 0ˢ,0 ".2.6ˢ'3+ ˢ ,+6ˢ<+"%+8ˢ0 .6ˢ $1*6 1ˢ1 - "2 3+1ˢ
4+,0*4+ -ˢ *1**+""ˢ +.402.*6ˢ .4ˢ J1*60*. + - ,1 - 6 8ˢ,. 6 .ˢ - 06.6+ˢS."ˢ(056ˢ
3+14ˢ.ˢJ .*, ,1ˢR .*1: 1ˢ51"" 6. -ˢ5 1 0 -ˢ12 4 1*0 -ˢ6+ - +"6+. 8ˢ150 2+8ˢ
- +* 6+ - ˢ.ˢ ˢ(.* 6057.*1ˢ, , , ,ˢ - " 6+ -ˢ06ˢ/ /ˢ40"041 + -ˢ0/ˢ*12 " 6.60ˢ5 .0 4 1ˢ60ˢ
*02.6+ ˢ,+ -ˢ ˢ,1"+2 * 8ˢ ˢ - 04 1, ˢ06ˢ ˢ,. - 50 6 2+8ˢ61 - 0*6 8ˢ $ - +8ˢ.4ˢ
ˢ 19 .8ˢ155 4ˢ +2+ 2 + -ˢ .4+8ˢ - 506+8ˢN +14ˢ22 0" ˢ51"" ."3+14ˢ,0 6. - 0*ˢ40ˢ
0 +0 +*6ˢ06ˢ 0? *ˢ155 4+ - ˢ 0,050 +*6ˢ 40""40 .62ˢ0/ˢ 1 6 8ˢ - . ,7 1*0ˢU (."+, .0ˢ
Vˢ<+* 1 0ˢ *40ˢ 0 - 0".63+0ˢ 60 + -ˢ06+56 1*0ˢ .4.ˢ.2ˢ12 0 8ˢ]ˢ 1*6 * 1ˢ 1 , ."41
.* 1*0ˢ06ˢ$06 .", 91ˢ4+, 2+8ˢA.,12ˢ?? ". 1 - 1*6 ˢ - 21" .*ˢ +""ˢ"09 1ˢ4 6+ ˢ
2.6.ˢ06ˢ - .,7 *.0ˢ 5 .,ˢ20"" ,.0ˢ50 ," 6.6.0ˢ +*6ˢ - +"6 e+0ˢ0/ˢ*1 6 8ˢ *60 04 ˢ06ˢ
+*+ -ˢ" 9*+ -ˢ. - "%+ - ˢ %+ *ˢ.4 - 16 8ˢ.4ˢ. ,0 -ˢ06ˢ6+ 0 - ˢ . - 5 04. . -ˢ4 04 8ˢ
- .,7 * 8ˢ 5 - + -ˢ2E:**0 1" ˢ06ˢ 1 - *. + -ˢ - +* 6 1* 2+8ˢ: 1"0*6.ˢ5+" ." 1*0ˢ.ˢ
. 1"1ˢ ˢ 1."41ˢ .*40 01ˢ:0 20 .6 8ˢ .,ˢ5 14+41ˢ:." 4ˢ6.*40 -ˢ/ : ˢS."ˢ 4 ˢ +2ˢ
3+. 60 *ˢ71 . -ˢ:0 50 6 *. -ˢ6168ˢ: 2+8ˢ *ˢ + *. -ˢ*1 6 ˢ0* 6+*6+ˢ'3+.*ˢ06ˢ + - - .ˢ
."., 6.60ˢ +50 .*6ˢ06ˢ.4ˢ 1 ". -ˢ+ 3+0ˢ *6+8ˢ4+4. -ˢ5 19 04 +*6+ ˢ 04ˢ0/ˢ6+ - +"1ˢ
*6 .ˢ0/ 6.61ˢ50ˢ".6+8ˢ506 6 ˢ06ˢ,"15506. 8ˢ3+ 2+8ˢI$,+8ˢ1 4 *+ -ˢ4 42ˢ5 .00 .6ˢ
0/ˢ6+ 0ˢ3+.4 .6.ˢ +" - *.*6 2+8ˢ * 0 6.6 ˢ +50 :4* 0*60ˢ\ˢ .: 1ˢ .*1: ˢ 6 5.61 + -ˢ
4+41 ,ˢ,+ -ˢ ˢ40"04 8ˢ 06 1ˢ5040 -ˢ 0 0 +*6ˢ *1*ˢ" *0ˢ4. - *bˢ +"" +8ˢ *ˢ01ˢ,1*ˢ
" 4+ˢ9 .: 60ˢ *ˢ2 .,7 .ˢ:+"*0 .6+(ˢ % .3+0""+8ˢ 60 -ˢ 0""02.6+8ˢ/ 1" * +8ˢ1 4 B
*+ -ˢ4+41ˢ *60 04+8ˢ + - 3+0ˢ$S " 55+8ˢ ˢ . 6 12 .*4+8ˢ +5 2. 61* +8ˢ06ˢ .*ˢ
40 0+8ˢ.+/ " 1ˢ".X 1 .*6 2+8ˢ:0* 0*6ˢ *, - 20*60ˢ12 0" 1 + -ˢ9"121ˢ.,ˢ*1 6 1 + -ˢ
0,040*6 + -ˢ - 50""0*60ˢ - +"6 6+4 *0ˢ06? 5"ˢ - 5+""ˢ +*6ˢ *0ˢ6. - 0*ˢ1 - 6 *1ˢ 05+" "
: 40 0*6+ ˢ.4ˢ * 03+0*60 -ˢ + 3+0ˢ4 0 -ˢ ., , 8ˢ".*.ˢ155"06 8ˢ06ˢ5"+60 8ˢ604 ˢ +2ˢ + *.ˢ
50 *14. +*6ˢ .,51 6 4 0ˢ5.+"1ˢ.*60ˢ 1" 8ˢ1 6+66ˢ:.""+ - 0506 0 +*6ˢ 140 -ˢ60 - B
51 0ˢ3+1ˢ - 506+8ˢ.4ˢ. ,0 -ˢ 02.6ˢ.4ˢ 19 . + -ˢ51 6. -ˢ.ˢP$0 6. 41ˢ (. .*.0ˢ"0ˢ
9 1* 8ˢ0/ˢ4+41 2+8ˢ+ *1ˢ ,.".0ˢ.4 - 16.0ˢ' 06ˢ.4ˢJ"+ - 0*6.*. -ˢ .ˢA1.**0ˢ . - 2 1ˢ
1* 1 0""1ˢ+6ˢ: 08ˢ12"0"%1 - -ˢ5"+ 2+8ˢ"1, 84 6 .4.0ˢ.4ˢ 0" 60*4+ -ˢ - *+8ˢ:." 4.0ˢ
0 0*6ˢ 04ˢ0.40 -ˢ: 6+60ˢ+2 3+0 05+ " ?ˢ 4ˢ0/6 0 - + - ˢ,+ -ˢ*1 6 ˢ71 5 6 + -ˢ3+14ˢ
ˢ ,"15506. 18ˢ,.50 06ˢ *ˢ + *.ˢ1,,+5. 0ˢ.,ˢ - +* 0ˢ 6.6+ 0*6ˢ0/ˢ3+1ˢ6.*3+. -ˢ0/ˢ
+50 1 0ˢ"1,1ˢ40 0* 2 08ˢ * 6. 0*6ˢ40ˢ404 6 1*0ˢ.9ˢ,105 6ˢ $0602.6ˢ(.* 6057.*+8ˢ
+6ˢ*12 " 6.6ˢ,+ -ˢ03+1ˢ06ˢ. - 8ˢ - " 6ˢ,+ -ˢ0* 0ˢ., , *41ˢ0/ 0ˢ *,1"+ - ˢ" ,0 06ˢ 6ˢ
*12 " 6.6ˢ3+ 40 -ˢ9 .6 .ˢ.ˢ 1*50* 0 1ˢ .4.ˢ3+ U P 0*06ˢ12" 4 1* 8ˢ60 - 51 0ˢ71"5 ˢ
6 + -ˢ7.202.6ˢ - " 6ˢ3+14ˢ50602.6+ ˢ*09.6+ .ˢ . 6+ˢ +6ˢ, 04 6+ -ˢ0 6ˢ3+1ˢ 04 6 1*0

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" &',2 4 *60 '40 0* 1 08 121 6.' 155 4+ -' *60 0.' : ' 0/5+9*. 06+ ' 6 5. + -' 08 .!
' #8 ' . - 8 *60 *0, * 8 .2 + 6' - " 60 0 .' 12 " 6.60 40 0 6+ -' *4 9*.*60' (04 ' ,+ -' +2
4 60 - 5+8 .4 . - 5 04. . -'<. -' 6+ 0 -' :0 20 .6 1 /'61 - 0*61 + -' 04 *609 .6.' 0 '
06 ' - 8 ,1 - - +* 8 50 ,+" ' *0,0 6.60 .4 - 1* 6' 5 .0 4 . ' *' 9 .6 . -' 04 0 0'
*03+0 5 156, 0.' 50 * , 0 -' 0:. 0 0' . -' - 1/' 4 : 8 "1, 8 4+ -' : 8 5. .6+ ' + +8
40 404 6 1* 8 ,1*4 6 1* 2+8 .9 ' ,105 6' E+ *0 1" .*.' - +* 6 1*0 :0 9*.: .' :0 5 1 '
4 6 1*0 ? . "0 + " ' ,.56.' 06 *60 ' ,1""13+ .' *1 6 ' 0* -' *6 14*4" '6.*40 -' "1,1'
516 6' +*6' (.*""057.*+8 ,+ -' ' , ,60 ' .4 1*50* 0 + -' *6 14+ 6' +*6' "08
. - 8 0/+6+8 ,+ -' 5+ 1 , 5 1*0 4 - 66 6+ < 7+ - .* 60 ' .' (. .* 8 :060 .* 8 0,+8
3+. -' .' *1; 8 0 6 1* 2 8 7.2 6+8 ' *' 0.' 12 4 1*0 0/' *1 6 8 50 0 0 , , ' 5"+ 08 .+ '
, .6 ' 0/ 12 0 8 , ,60 ' // ' 1,, ' .,' *' 8 3 . - 5.*+8 06 $06 ."1*9+8 ' +5 2. '
61* +8 ,+ -' ,,,,'5 .0 4 . 8 "1,1 - 51 6+8 ' 06 ,' "0: 8 . - .6+ .0 03+ 6 2+8 ' U 1 '
" * 1 5. 61 ' ,.561 ' ,+ -' 40 ,.+ 8 020"" 1* 8 ,1*6 .' 090 -' 0/, 6.6.0 *60 19.6+8 ' *B
: 4 . -' 0<+8 *' *12 " 6.60 -' 0<0, 06 ' 9+".' ".3+01 . 6.' 0 6' <+20*60 1*50* 0 1 '
Ⅱ .20"16 ' J .*, ,.* ' 3+ ' 5 ' .' ., 8 ,1* 0 1* 2+8 0 .6' +50 1 2+8 20"" 8 .' $ 1 '
60 6.*6 2+8 6 40 -' 6 .*9+".6 ' *' 4 9*. -' - 1 60 -' +"6+ -' 0+*60

' 5 1*50* 0 +8 50 ' 0&1: "". -' *0+*60 412 ' ' + * .*+ -' :0* 6
,+ -' 0/0 , 6+ ' ,+ -' (. .*+ -' *60 0.' .*1: +8 61 ,1*.6+' 60*6. "06 ' .: 1 *' 0.'
0/504 6 1*0 40 40 .61 ' 06 *40 0 * 0 6.' ' $1*6 + -' *' (.*61*) +8 ' 3+14 .' A1.**0
$1*6 1 $". ".,1 60*02.6+ ' 0 0,05 "06 ' + * .*+ - ' +*40 *1 - 0*' ""+ 6 ' - .,'
90*6 ' 3+40 616 0908 .,'5 *, 508 7 6 .*1 1 2 ' 06 0 1 1"; - 8 .,' ;5 1 40* 3+,'
404 6' *' ,1" 0 5 .0,0" 1 6+ - Ⅱ.*9+ 61 04 55 0 61 ' 4+5" , 155 41 4 6 *9+ 6+ ' *B
0 1 0 06 +50 1 ' *60 ' 3+14 06 . ,0 - ' 3+.0 *' + - - 1 0 6' ".6.' 5".* 6 08 <.,06 ' 50 '
3+. -' .4 . ,0 -' 60*40*6 2+8 51 6.' ' E141 04 ' :+"91 4 46.' - +* 6 1* 8 * 6. ' 6 +.2+8
90*6 2+8 6+ 2+8 06 1 ".'5 .060 0.' ".6.' .,'5 1 +*4.' - .6.' *60 - 0 4 0 -' 0 ' 1,,. '
+ -' 1,,+ 6' ,0 -' *9 0 8 50 ' +2" , + -' 51*60 - ' *' ".6.' . 0.' 6+ 8 71 1"19 '
:0 50,+".0 4 4.' *90*6 ' 06 - .' 6 +4+ .' .4 ".0:. -' .55. 06 ' E141 04 ' 51 6.'
.4 ' ' 0"+ *.0 6+ 0 -' 0/60 +8 4+5"0/' - + +8 5 .060*4 6+ ' *' - .' 6+ 0 1*8 0"+ '
*.0 .' 5106 8 *1 6 .6 2+8 40, .*6.6.0 .2+" 8 . - 1 +8 , .606 < 06 <+/6.' 0+ -' 51 6 ,+ - '
50 ' 3+14 .4 &+"*. -' "1,1? +2<04+ -' . - *0 -' 4Ⅱ0 ,0*4 6+ ' *40 .4 V &.,,. . -' - + '
* 6 170 -' 50 ' 0/60 +8 1 ".0 ".2 + -' 6+ ' %0 6 .' 51 6.'] (,.". .;1,.6+ ' *' . ,0
5"0 .3+0 08.*6 .04 , .' 1" -' 09 .' - .9* ,0*6 .' 0/ 6 +4. ' 04 51 60.' *09"04.' .,' 0 '
- 4 +6.' 06 51 6 ,+8 *5 - 8 ' 3+.0 *' 056+ -' : 4. + -' 06 5 .6.' +2<04.' 0560* '
6 1*0 - :0 +8 40 5 , 02.6' / ' 51 6.' 155 4 ' .4 40/6 . -' 056+ *' :0 +8 60*40*6 2+8
60 .0 6+ - +"+8 12<.,06 ' - +* 6 1 1 - *. + -' :+"91 4 4+8 ' *' 1*60 . , 8 *90*8 6+ 8
5 1 - *02.6 Ⅲ $ 41* , .' .5< 0"".6.' * 0 +8 155 4+ - ' 3+14 6.*3+. -' +50 1 8 +2+ '
2 + -' 0 .6' . - 10* 6.60 5 .0, 5++ - ' .' 5 .0 4 . 8 ' *0 + + ' *1 6 8 *' 12 4 1*0 0 06 '
*,0*4 1 ,1* + - 56+ -' 0 6' 06 ' +*.' : , ' ,1"" 2+8 : , * 8 , ,+ - 51 6 ' 3+ ' *' 155 4+ -'
:0"+6 ' 40 5 , +*6' 0*.6+8 Ⅲ 1.*+8 ' , ,60 ' 0/' *12 " 6.60 ,1 - 6.6+8 "1,+ -' * 0 '
40 .6' ,+ -' "1,' 40"04 8< 06 0/, 6.6.' - +* 6 1*0 ' ,+ Ⅱ 01* 8 *1 - 0*' 0, 6' .4 ' 0570 '
1*60 - ' 4 0 .6 5.9 ' *1 - 0*' 1.* ' <+ "6' *,0*4 1 ,1* + - 56 ' .4 6+ -' .2 0.' 5. 60 '
3+14 +50 1 8 155 4 ' 402 " 1 ' 1*8 0 06 ' *60 ,"+ 6' 4 51 6. .' E141 04 ' ' 4 '
4 ' # .4 50,+".61 . -' 6+ 0 -' 4 5"1 ' , ,60 ' ' 61 - 0*61 + -' 4 +8& *40 6 2+8
"1, 8 04 *609 .6.' 51 6 4 0 :0 20 .6 1 ' 06 . - 5" +8 ' 4+8 *' 155 4+ - ' 06 03+0*6'
+ +8 4 0 ' ' 4+8 .' // ' - .,7 * 8 4 5"1 ' ' 5. "%++ -' - *.' 04 6. ' 3+.0 4+ -'
155 4.*1 + -' 4 " 90*6 .' . , 6+ ' 50 ' ,1""13+ .' 1" , 6.6.' + 6 12 0 1 + -' 408 ' ,+6
J1*60*. "

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1 60*. ' .4+ - ' +0 .6' ' 06' 1*50* 0 ' *1 - *0' .4.' 12 0 % 8' 508" 20 0'41 - + - ' &
' .20+*4 ' : 6.' 06' 02+8' .": 8 ' +2 ' 06" 20 6.60' ,1* , 0*6 .0' + ' "" 8' 06', 6 .'50 ,+"+ - ' ' # ' ") '
12'5 .060 6.' .+6' 0" 9 1*0 - '5.,.60' 06' *'6+61' 4090 0'" ,0 06 ' (04' .2' 12 0 8' 0 51*
+ - ' *1*' +. - ' 04'+* :0 1 - - ' 3+0' *' 09*1' +*6 ' $ 160 6. *6 + - ' , .+ . - ' . 9 ' 5 1
' *40' 5060 0 ' +6' . *1: + - ' +50 ' 0. 0' ,1* +"0 0' . ,+"6.8' 0 "06 ' 06' * 7 " *,1* +"6 8' ,0B
60 8' +* :0 6' 09* ' 0, + - ' 0*6 0*6 2 8' 0, ,"0" 8' *' 01' *0916 1' . ,0 0' ,190 0*6+ ' 0'
5. .618' .4' . *1: + - ' 06' *' (056 - . * . - ' "0 .618' - 660 0 ' - 141' 1*50* 0 +8' *4+ '
, 8' 5.4 8 ' ,15 .8' . ,0 "0 0'<+20.6 ' 06' .2' 12 4 1*0' .4' ." 3+34' 60 - 5+8' 4 004.6 ' G .0'
,1*4 6 1*08' ,+ - ' .' 1*50* 0 1' 0< ,0 0*6+ ' :06 6.' *' 51 60 + - ' ,1""13+ . ' + - '
*1 6 ' 056+ - ' 3+14' 7+0' + 3+0' : . ,++ - ' 0 - . * 0 .6< * 04 "076 ' 0 +56 1*'0' .4 . ' . " '
3+16 08' 5+9*.66 - ' + 6'< - . ,7 * 3+0 ' ." 3+16' *' 01' 6.6+6 8' .4' &. , , . . - ' - +* 6 1*0 - '
:0 20 .6 14 9 6+ ' 06' / S . ' 1: ' ' . - 5" +8 4+84 "5"17 ' %+ *' 616 8' : 2+8'
155+9* .6 1' .4. ' .4' :0 50 . - ' + 3+0' 0 / 6 .41' ,0 6. - *0' ' 6. *40 - ' 05+" ' *1 6 ' ,+ - '
4. - *1 ' *60 041 + - ' ,1 51 . ' * 05) "6.' *60 ' 5 * .0' +40 . ' ,1*6+ - +" .6.' +*6
+ " +8' 06 . - ' 5 0 ' 3+ ' 1 60 - ' .4 - 14+ - ' 150 . - ' *' 01' 7. : . :0 .6 ' 9 . : 60 ' .+4 .6+8
(04' - .<1 ' 12 0"%1 + - ' <.4+ . ' + 6 . - 8' : ' 0 / ' 5 - . . ' *12 " 6.60' ' 06' *' 8' # 7. " ' '
"11' 6 0*+14+,0 ' :+"*0 0' 0 / ' 61 - 0*6 ' 5 " .' *' , + 0' . , ,0561 . , 0* .61 (. - - . 67. *1'
. 6 1 *1: 1' " 3+16' 51 6' 4 02+8' 0 - 56 1*0' *14+ * .5+9* .6+ - + 6 ' *3+ .12 0 " '
5"0 3+0' *60 04 8 ' - .9* .' 5 .04.' 516 6 ' +*6 ' : .""1' *' 0561' +50 .61 ' 06' ,1* / 8' : '
09 8' 61 - 0*6 8'< *1*' 6.' 6. - 0*' +6' *+6 " .' 1 - * *1' 044 6.' *6 ' ". 8' 6.6 - ' " *0' 60 '
A.4+ . ' 0:+" 8' ' 5+": 8' 60 - ' 61 - 0*6. +8' * 2 ' 050 6+8' *,0*4 1' ,1* + 656+ ' 2' ?
01' 60 - 51 0' "0*6 +8' 08' .9 ' ,105 6 ' 4 ". 20*60' .' 9* 8 *' 09 1' 0 / 0 , 6+' - " 6, ' 06' 5+" '
:0 0' 61 - 0*6. 1' 0 0' ,1* + - 561 ' *+"" .' ." .' 0' 90 6.' 616+8' 1:0 - 20 60 / .4+8 ' 1, ,+ '
<5.61' *60 0.' *' 40 - 1" 0*4 8' : , * 8' "1, 8' - +* 6 8 ' 3+.0' 71 6 ' 50 +9 1' 0 .*6 ' 1*50*B
0 1' ' 3+ ' . , ,056 8' E' - " 6 2+8' 0,0*6 2+8< 4+,0? ' (. - - . 6 *1 ' 06' , 1, ' E0 - . * 8'
03+ 6 2+8' : ' 4 ' 0, ' + * . *+ - ' . 4 +8' , *9 6 ' 5 17 2 61' 10 - "* . + - ' ." 3+16'
12 " + - ' 5 .09 . *6 + - ' 3+.0' 41 - + - ' 04 0' +6' 62 ' " ,0 06' 50602. *6 ' 09 0" + ' ,+ - '
"1,+ - ' *1*' : ' 04' ,1 - - 0.6+850*+ .' ' 5160 6.60 - ' 04 90 0' 6.6+ "06 ' 1 - - 0.2.6'
*60 0.' A1. **08' . +8 ' 06' .' , . 6 8' 09 8' , 02 1' +50"". ' 6.2.6 I5. 6' +6 3+0 ' 4+ - ' '
150 . - ' +. - ' :0*4 6.6 ' - 0 61' + 504+8 ' 6.3+0' 06' .4' 0@+8' ,15 .8 ' 3+.0' * U(. *61* '
2+8' , , . ' ' $0*6 + - ' 0 . *6 ' 40R*4.8 - "+8' .' 1*50* 0 1')' 1* 1 0""+8' ,+ - ' 6+ - .'
03+ 6+ - ' E0 - . *1 + - ' ' 3+ ' ,1 - - +* , .61' ,+ - ' . * " A1. ** 806 04 1". * ' (. *61 '
< + - ' 5 .0 04 8' ,1* " 1 ' . , ' ,1*<+*4 8' : 2+8 ' 01 + 7' 150' , ' 0 / ' 8' *60 0, 6 ' ,060 18'
*15 * .61' 155 0 628' *' +9. - ' :0 6 6 ' %0*6.6+8' *60 - ' 1. *+8 ' - "" 8' .4' 0+ - ' J . * '
/ 0.0' I 1. * .0' E. * . , .0' 1 1 8' " 60 8< 3+ 2+8' 0+ - +6' 0' 0 5 ,0 06 ' 71 6.2.6+ '
,1*4 6 1*0"3+0' .' 1*50* 0 1' 12". 6.8 ' 40' 3+ 2+8' 0* .6+8' R %1 * . - .' +* ."4.0+8'
- 1 , .0 09+"+806' ""+ 6 " - .0 1. *1 + - ' . - " .0' .4 * 8' ,+ - ' 01' .4+ +8' 0"%06 '
. , , 50 06 ' *03+0' *' 0 / 6 0 - . - ' 50 * 40 - ' +1 + - ' - 5 +40*6 .' 06' ,1*6+ - . .' 5 .0, '
5 6. 06 ' &0 + - ' "", ' 06' " 60 .8' 1 1 8' ,3*60 - 5 6 ' *03+0' +* ."4.0+ - ' 0' 3+1' :0" 06'
5. .6+ - ' :0* 0' 69* , . *60 - ' .4' ,1""13+ + - ' .4 - 6 ' 1*6 .' 0140 - ' 60 - 51 0' . *1 '
: +8' , 02 8' " 60 8' 12 0 "1N' .4' ,1* 6. *6 . - ' * , 6.2.6 ' .+ / " 1 + - ' .4. ' 50' ?' 1*4.0 '
3+0' *' E0 - . * .' 06' . - : "" .0' *' (056 - . * .' 08' *' 4 08' 5 1 50 . 0' 06' ,15 .8' .+90 ' '
1 60*402.6 ' A. - 3+0' 08' 12 0 1 - - ' .4' + - - .8' . *9+ 6 .8 04.4.0' 0 . *6 ' . 50 . ' .4B
- 14+ - ' 7;0 - 0' 06' *+41' 0 0' 06' 4 , .",0.61' - " 60 ' 0 002.6' 06' *' 4 08' , .6* + - ' 50 '
*+ . ' 6.' +6' - "08' , .61 + - ' - + + - ' 06' *60 4+ - ' 03+1 + - ' 3+18' *14+' +2 05618'
*60 , 02.6' 06' *' + 6.' 0, .2.6 ' , . * 2+8' &0 00 06+ < *14+' 06 . - ' 9 . " .6 1* 2+8
' ' 155 4. *1 + -

% $ ' ' ' ' ' (?D ' 0' f ' ' ' ' +' ' B 0
' !# ' 24 $ / 8 ' ' + ' 0 ' 0' +' + $' ? ' " ' ' ' ' ' ' , '
. ' ' ' ' ' ' B ' '
0' . ' ' 0

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&'155 4.*1 - -'41 - 1850 - 40 06 +6'0 ,. -' + . 06+ '3+14'06'0+ -'155 4.* 8' *: +-
' # '" "'06' 4+, 2+8' - *+8' 1204 0*60 -' 04402.6' +4 .'06' 0/' 01' 5,*+ .'3+14' *1".6 *.'
.3+. .'3+.0'6+ ' +20 . ' : '61 6*0*61 + -' ,1 +56.' - 1 .0'6 + .6 "08' 3+.0' *' . ,0'
0 .*6' . *.0' .4'6.*6. -' - +"6 6+4 *0 -'5. .*4.0' - * 6*0' + ,0 0*6' .9*.'3+13+0'
"9*1 + -'06' - .60 .0' *' . ,0' *15 .'0 .6' +6',."0 ., 0*41' - "6'06'15, 2+8' 6 +0*4 8'
1' * ' 0/' 5 :.6. + -'41 - 1 + -'40 6 < 6 1* 2+8' 8' 40 04+8' +55"0 ' 51 "06'< 3+14'
60 -' ,+ -'155 4.*1 - -' *<+ .'61*<+* + -'0 .6' 8' 616'6.*6 3+0' *,1 - - 14 6.6 '
2+8' ,1* " 4.6' 4 +'32 0 "' ,+ -'6. - 0*' *+"". -'4040*4' 0' ;1"+*6.60 *'1 60*40 0*6'
1*50*' 0 +8'6*1 .0'5, 6.0 +8': -'.47 206'.4' 1 - *. -' - +* 6 1*0 -' ,+*0 8'.4 8'
3+ 6.* 0*' ,176 . 1'12 0"%1 + -'. "+' *' 09 1* -'50 * , 0 -' :0 60 +*6' + -' *'01'
+*6' J .*, , 8# 0 .+40 +8' 106+8' *1 - *0' 09 8' ., ' 09 *.0' ,1""23+ + -'51 , 6'
60 8'5 1".6 8' .4' 0' ! 56 8' 3+ 2+8' 0/' 09 *.3+0'<+202.*6' +6' 5 0' 0' ,1*4 6 1* 2+8'
.' 1*50* 0 1'12".6 8' 40 -'12" 9. 06' G+.'40' 0' ,+ -'$06 +8 7+55 +8'06' . 1'
*0 +8'3+' ,+ -' 061', - ""1,+6' +0 .*6' .4' 1.*+ -' 06+" 0*6' 40 -'3+14'5 +8'.2'
8 0 51* + -' + - 3+0' *1 6 '<. -'.4' - +7 6 1* 8' 1 - *. + .' 1 ". -' :.""+ -'5 1'
4+/ 0*3' 0 + U 1*0'.' %0 . 1 6 1'0"'$: 4." 2'0<+8' "09 .61' + - 40"04 8' .4.' 05+""
+*6' %.*40 -'/' S."' 0 ' 04 *609 .6.' :0 20 .6 1' :070 - ,*6 ' 3+. -'.*60.' .4'
&.,,. . -' - +* 6 1*0 -'.4' 1 - *. + -'5 15+9*.,+"+ -'06'155 4'12<04' - + + -'
06',+ -'/ : *'61 *0*6 8' ..<1 2+8' 6' :' ,1"+2 * 8'4 5"1"', 1'"1, / / / :' 4+8'' *0'
3+0'6. - 0*'01' 4 0' ; 8' .4.' $1 6 4 0' + - - 1' - .*0' 0506 6.'5+" .6 1*0'1 - * .'5 1 - B
*0*6 .' - +* - 0*6.'40,5"%.' * 6 +4 8'6 5. 6 61' *' ., 0 -'609 8' ,15 8'< 3+ 0' H * 1'4.61'
514' - 0 4 0 -'6 2+8' 4, 8' - 506+ -' 0,0 0' .<1 ' - 5 0 " 1'.4'&.,,. . -' + 6' 4+B
, 2+8' A1.**0'6 01 - 1*6 1'$ 9."". 1' 0*.61'A' +5 ,7+. 6 1' 1 60 - . 1'06'A1.**0'
8' 10 - 1' +3.,1'' 3+. -' ' &.". 0 9+8' (0 .3+8'6+0*4. -' + 0050 .6' 2' 1 6 60' .2'
+6 .3+0' 5. 60' 5+9*.6+ -<' *1 6 3+0'6.*40 -' *' - *. -'0:. 0 +*6' 06'<. -' , 0 00*60'
+ - 0 1' .60 93' 40 0 1 08, ,+ - :0* 02.*6' 7. 6 8' 51 6. -'. , 8' 50 *90 0' .41 6 '
40 0* 1 2+8' 3+'61 - 0 6 8' * 0 6.6 .4' *60 1 0 -' 1 . -' ,1* +90 .*6' 0/' ".60 2+8'
*1 6 18' : R -' * 0 6.*6 2+8' ,+ -' - + ' 51 6 , 2+8' +2<04' 5. 8' 61 - 0*61 + -' .'
91 ,'402 " 6.6.' 050*6031 + 6 '06' - +"618' 0/'*1 6 8' + *.'155 0""6'.63+0' 6.',1*.6+ -'
""2 + -' 6 6+ -' 044 4 6' + -' 9 6+ ' .05 +8' 0506 61' - 506+' .' - 0 4 0,0 6.6+ -'
0 06' *1 6 '<. -' 1 0' *," *.*60' & -' + 6 * 0 .*6' 06' 0*" -' 06 1,040*41' .4' +.' 0'
:0 ' 6 *6' . - "" 8' ,1 - 5"+ 2 8' .+6' 9 .: 60' :+"*0 .6 8' '06' *' 8 +, .01' 3+ 0/' 5".9.'
6.6 - 40,0 6' 0" 4.'. *5" "" - 1 + - 7' 0 1 - .* 8' 21*1 + -'A1.**.' 1 1 0' 70'
040'3+.0'5. +"1'.*60' +41: ,1' ' 1*6. 0 .0' ,1 - 6' (+2."5 *.0' 09 1* 8' 69+"1'0"1'
,.6.' +0 .6' ,6' 51 60.' ""+ 6 - 1 5 *, 5 E1*6 'J .*, 01' 1 21* 1' *+5""6' %0 .'
1 6 +8' ,/'5"0+ 6 40'51 6 4 0' - .9*1' +1 + -'40 40 1'40,0"" 6' 2'0.'4 0' *1 6 ' .6 8'
".2+1 +* '71 5 6 + -'.4' - +* 6 1*0 -'06'6+ 8' $ 41* , .0'5040 -' 2'40" 90 0' ,+*0 8'
,6' + "J1 1* 2+8' ,+ -'71 - * 2+8' : 9 " .' ,6' ".21 2+8' 5.0*0' 0*04 8' , 6 .'50 ,+"+ -'
0 -'4, *,058' 9, 6+ "' %+ *' 04 *609 .6.' :0 20 .6 1*0' ,+ -'* 7 "1 - *+8' 12 0 " ' .4'
, , , , ' ,< 15506. "18' 06' / /,' , .6.57 .418' 04.4 ' 0' .* - 8' .4' 0/6 0 - .'3+.03+0' 5.'
6 0*4.' 5. .618' ? 1.* '1 60*4 "%0*6' ' V' (. +8' , . - 5 4+41 ', .5 6.'3+.04. -'$ 9."".'
M 1'.*60.'51 04. l .4' 3+.0' 12' *1 2+ -'0<+8' * 7 ' 0 51* + -' +0 .6' U506 6' 06' 4 0 -'
.,'"1,+ -'.4' ,1* :0* 0*4+ 7' ,1*4 , 6' 6.3+0' D +*."4.01' 06' "" '12 4 2+8' 4.6 8'
40"09.6' .2' 12 0 8' ' .91*0 . -' :0*0 +*6' 6.*40 - 3660' *' 7.8' ,1*4 6 1*08' ,1* :0*'
6+ - '\)6' 1.*+8' + .' *12 " 6.60' . - "8' .,' 02+8' .": 8' - " 608' ,+ -'. - 8' 04' +* ?
2+80/6 *4 8' 06' ,1 - 5" , .6 8' 9* 8' +50"". -' *' 6+6+ -'404+,0 0*6+ '' 5. 61 08 60 .'
\ ' ' ' ' ' *,1"+ - 08
' % $ ' ? 'K % ' ' /4 &- " ' ' ' ' ' $ A8' % ' ' $D $' '
' ' '4 0 5' ? 6 $' ' 'N .' ' ' $ @ $ ' I' 5 ' '4 0 ' ' '
" .' .' ' ' ' ' 8' ' '% ' / # $# $' ' ' + ' ? ' $' ' '
' '4 ' ' ' ' " ' ' ' ' > 0' + ' 1 ' 'F
'B ' ' ' 0' ' "

ˁ ˁ ˁ #ˁ !

*,1"+ - ,8ˁ4 - 660 0*6+ ˁ< - .,7 *.8ˁ.55. .6+ -ˁ24" ,+ -ˁ06ˁ ,1 - - 0.6+ -ˁ ""ˁ. ,0ˁ06ˁ &ˁ
155 41ˁ 0" *3+0 0*6 ˁ21*5 + - ˁ *ˁ3+1 + -ˁ51 "%0 55*0 -ˁ 1 50* 0 ˁ<+ +ˁ 0/ˁ - ˁ. ˁ000ˁ
+80 "06<, 8ˁ" 20 .ˁ51 0"" 1ˁ,1*,040 06+ <155 4.*&3+ˁ *ˁ155 41ˁ 0 - .*0 0ˁ156. 0*6ˁ
*ˁ 9 .6 . -ˁ.ˁ 1*50* 0 1ˁ 0, 50 0*6+ ˁ 8ˁ,1*4 6 1* 2+8ˁ 1.*+8ˁ. ,0 -ˁ06ˁ155 ˁ
4+ -ˁ6 .40 0ˁ51"" ,06+ ˁ .56ˁ+6 *3+052 408ˁ.ˁ 1.*1ˁ 6 *."4.0+8ˁ06ˁ "" +8ˁ< .ˁ
1*50* 0 1ˁ# 7+55 +8ˁ J .5 *0 +8ˁ% J. 40 +8ˁ 1 "06+8ˁ 3+ˁ 02+8ˁ21*.ˁ 40ˁ
6 .* .4 8ˁ *0ˁ - 1 .ˁ" 2066.6ˁ6, 6 6+0 0*6+ ˁ 4ˁ.4+ -ˁ: ˁS."ˁJ02 ˁ * 03+0*6 8ˁ.**
*ˁ0.ˁ12 4 1*0ˁ - "608ˁ <,ˁ0/ˁ5 .0 4 . 8ˁ/ / :ˁ0/ˁ*12 "6.60ˁ<0/ 09 8ˁ. - 5" +8ˁ"1, , ,ˁ
40 40 .6ˁ +*6ˁ 1/ˁ,6ˁ 09 0 - "Rˁ.4ˁ5 1: *, .0ˁ51 6+".6.ˁ.**+0*6 8ˁ40, 06+ - ˁ
+6ˁ. /ˁ " .ˁ616.ˁE."" .ˁ,0"020 - .ˁ06ˁ 1 - 1 "" - .ˁ1 - * *1ˁ4 +0 06+ ˁ 43+0ˁ6 0916 ˁ
4.6+ -ˁ2ˁ . 20C0 1ˁ 70 - 0 ."41ˁ3+ˁ + 6 ,1 - -ˁ150ˁ,0 .6 -ˁ01ˁ.,,+ 0*6 + -ˁ 0 -ˁ
,/0,+6+8ˁ0 6ˁ*0ˁ3+ 40 -ˁ 0" 4.ˁ6+ 0ˁ 0"+ *.0ˁ *609 .ˁ .2+" 8ˁ*1 6 8ˁ . - 1 - .ˁ<
,+ ˁ5"0 3+0ˁ6. - 0*ˁ 0" 3+.ˁ. ,0ˁ40 6 +4.ˁ .4ˁ,2* 0 :.*4. -ˁ5 ,"ˁ.0:ˁ - 0 - 1 . -ˁ
5. ,0*4+ -ˁ,,* 02.*6

C ˁ=ˁˁ ˁ ˁ3ˁ "0*,1* +850 ˁ" 60 .8ˁ. - .61 .8ˁ,1056+ -ˁ - .6 - 1* ˁ,+ -ˁ " ˁ
.2,67.ˁ*0916 + -ˁ+ 902.6ˁ ,6ˁ " .ˁ<. -ˁ 0 1ˁ4,ˁ*+56 8ˁ,19 6.*8ˁ*1*ˁ.09 0ˁ<+:0*0 -ˁ
5 1,+ -ˁ.4 - ") .ˁ: 402.6+ ˁ,6ˁ,+ -ˁ.*60ˁ 09 8ˁ .6 8 - 1 60 -ˁ 5 + -ˁ *ˁ + 5 , 1*, -ˁ
0 + -ˁ*1:. + -ˁ:0* 0ˁ .:. + - 3+0ˁ 1 1 + -ˁ *ˁ 40 -ˁ, - 0*ˁ:1,. ˁ - 60""0/ "06ˁ
50ˁ&.R*6 *+ -ˁ ."+ -ˁ1 .61 0 -ˁ ++ - ˁ3+ˁh ." *97. - 1ˁ +,,0 "0 .6ˁ,+ -ˁ 09 *.ˁ
5. 0*60ˁ090 .6ˁ*0ˁ60 - 0 0ˁ40".61 2+8ˁ,1*6 .ˁ +18ˁ 40 -ˁ.47 20 06ˁˁ06ˁ1 - *0ˁ 6+4 + .ˁ
,6ˁ150 . -ˁ +. -ˁ50ˁ%71 - . - ?ˁh "R0 + - ˁ3+ ."1ˁ.2ˁ05 61" 8ˁ0 .6ˁ "0701* 1ˁ06ˁ
.:. 1ˁ - +"ˁ *ˁ1,,+"61ˁ4,6+", .6ˁ06ˁ%71 - .8ˁˁ .*41"57+8ˁ *ˁE."" . -ˁ - "+8ˁ +6ˁ
.67. *.0ˁ - .6 8ˁ *60 :0*6+ "0*91* + -ˁ06 .:. + -ˁ,+ -ˁ 090ˁ 0,1*, " . 06ˁ $1 6ˁ
- 1 60 -ˁ40 *ˁ . 1" ˁ 0* ,1ˁ .6 0ˁ0/ˁ$1"1* .ˁ 0:0 1 ˁ- "+8ˁ0 6ˁ 190 +8ˁ8ˁ 1 67+8 ˁ
3+ˁ*1:1ˁ 09ˁ 0" ,0 -ˁ *ˁ 097+ -ˁ 04 6+ -ˁ9 .6+". 06+ ˁ06ˁ20""ˁ *60 6 *ˁ *ˁE."" .ˁ61 ˁ
6 08ˁ 0*1:.6ˁ: ,0 -ˁ " .2067.0ˁ41"0 0ˁ1 60*40 06ˁ5060 ,63+0ˁ0<+8ˁ*1 - 0 6ˁ04 41 ˁ
+ -ˁ *ˁ96.6 . -ˁ$ 160 6.*6 + -ˁ,1*4 61 + -ˁ12 0 :.6 1ˁ .*, 06+ ˁ .0,ˁ5.". -ˁ *ˁ
1,,+"61ˁ0ˁ*0916 + -ˁ4.6+ - ˁ+6ˁ5 1ˁ 1 - 1 .*6 1ˁ06ˁ 1 "%.01ˁ03+ 6+ -ˁ6 +* 8ˁ,.5ˁ
6 : 8ˁ.5+4ˁ 090 -ˁ *60 ,040 06ˁ06ˁ . "16.0ˁ 1 21* .0ˁ3+.0ˁ5 1560ˁ 0" 9 1*0 -ˁ *ˁ
E0 - .* . -ˁ5 1 +90 .6ˁ:0* . -ˁ.,ˁ9 .6 . -ˁ .5+4ˁ 1*50* 0 + -ˁ5. 0*60 -ˁ - 50ˁ
6 . 06ˁ (04ˁ* 7 "ˁ .4+ -ˁˁ .6."ˁ,.0, 6.60ˁ.* - 8ˁ.5+4ˁ*1 ˁ *ˁ20""+ -ˁ, : "0ˁ * ". -ˁ
- .6 8ˁ %.*6+ -ˁ - .6 - 1* ˁ,+ -ˁ "0*,1* 1ˁ*0916 + -ˁ 051 6+ - ˁ.** 60*60ˁ 090ˁ
3+ˁ51 6ˁ20""+ -ˁ1 60*6.6+ -ˁ5.,0 -ˁ6+6 1 0 -ˁ 50 .2.6ˁ+6ˁ .6 0ˁ0/ˁ7.,ˁ1,,. 1*0ˁ71ˁ
*1 ,0ˁ.""09.61ˁ41 - ˁ16 1ˁ 0,+ +8ˁ +0 06 ?ˁ Qˁ ?

/ˁ 6 6 ˁ6+ *ˁ - ./ - 0ˁ 0 + -ˁ *ˁ.+".ˁ516 02.*6+ ˁ *ˁ3+1 + -ˁ9 .6 . -ˁ40ˁ
. .0(016.0ˁ,19*.6.0ˁ,.+ .ˁ,1* +"6. ˁ,105 6< +6ˁ 5 .ˁ5 6 *. ˁ" 20 6.6ˁ.63+0ˁ.401ˁ
ˁ 09+ -ˁ 0 6 6+0 06+ ˁ3+14ˁ+6ˁ,1* 0 ,6ˁ06ˁ.4:0 .0ˁ5. 6 8 3+.0ˁ " .2067. -ˁ 0 5 ˁ
, 02.6ˁ .4 1ˁ5 1 "9. 06+ ˁ40ˁ 090ˁ5+0 1ˁ *60 , 5 0*41ˁ06ˁ *ˁE."" . -ˁ - 660*41ˁ * ˁ
6+ *ˁ + 6ˁ,1* " + - ˁ7.*4ˁ * 0 .ˁ5. 0*60ˁ3+.0ˁ*1*ˁ." 60ˁ .4 1*0 -ˁ *9" ,.*. - ˁ3+.0ˁ
09 8ˁ5+0 ˁ.+41 6.60ˁ* 602.6+ ˁ *ˁ(,16 .ˁ.63+0ˁ.401ˁˁ 1 61* ˁ 5 +8ˁ5 1 09 8ˁ51ˁ
60*6 . -ˁ +2:0 6ˁ51 "0ˁ0/ 6 - .2.6ˁ3+. -ˁˁ " +8ˁ *40ˁ404+,0 06+ ˁ ,ˁ0* -ˁ 1 0ˁ+6ˁ
9"1 + - ,1 " .ˁ 1 61* 1ˁ40<041ˁ".2. 40 0*6ˁ06ˁ(,16ˁ . .0ˁ * 0 6ˁ4+ -ˁ " +8ˁ
0<+8ˁ0/6 .ˁ 09*+ -ˁ.41"0 , 6ˁ.2ˁ0.ˁ6 - 0*608ˁ ., " +8ˁ.4ˁ1 , + -ˁ0 "0*6ˁ 04 6+ ˁ *ˁ
60 - 3+0ˁ 104+8ˁ.*6 3++ - ˁ3+14ˁ " .2067.ˁ,+5 40ˁ.401ˁ4 "2": ˁ0/156.2.6ˁ. 4 1 0ˁ
: *,+"1ˁ *12 0+ -ˁ - . 06+ ˁ (, +5+"+8ˁ 06ˁ " .2067.0ˁ *<04+8ˁ40ˁ.9 6.6 8ˁ *60
ˁ . 1"+ -

& ˁ %ˁ, ˁD (ˁ ˁ&*).ˁ (ˁ ˁ + -ˁ7.0,ˁ *ˁ 6.** .ˁe ˁ * ˁ ˁ
ˁ* $ˁ $ˁ ' (ˁ .$ˁ ˁ+. .$ˁ ˁ ˁ4ˁ
ˁ%ˁ ˁ ˁ$ˁ ˁ? U $ˁ ˁ ' $ˁ> ˁ ˁ ˁ% . ?ˁ ˁ% W $0ˁ *ˁ
ˁ , ˁ ˁ *ˁ 6ˁ (ˁ C ˁ 2ˁ& * $ˁˁ ˁ" ˁˁ W ˁ ˁ! ' ˁ $
' Aˁ ˁ .0ˁ ˁ ˁ8 $ˁ Lˁ ˁ ˁ

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& . 1"+* < ,9 8 5.6 - + - 3+ *+50 . 0: * .0 ,1 - 08 , 0.6+8 +0 .6 0 6# " .*
' # 4 "7. .01 - 6 8 (."15 4* 8 " . - *1* *,1* +"6. . *+56 8 L3+. 40 ,.+ . +6 +
3+0 - .60 06 ." 3+16 ,1* , %+2 ,+ 614 .*1 - 0 1: .6.0 06 * *9" . "0908
+ - 56+. .0 3+ 2 8 "+/+8 * :0 6 2+8 ,1*; : 8 06 .04 , 8 ." 3+.* + - ,10 , 6+8
$ 14 9 "1,1 .,,056+ * *90*8 .4 %.*06; * +". - ,06+ - - . 0,040*60 * "61 0
40 6 6+6+ - ,+<+8 "1*9 6+41 / / +"*.8 *9"R.*.8 ".6 6+41 . :0*6 0 .4 41 5 *. -
50408< 5.6 + - 1,+" 8 *60 <0 6+ - / 0/,0402.6 2 8 D%. - 0 8 06 . - *6 .?71 . -
.0 6+ .,,040*6 0 0 "+<36 06 1:0 - 2 - 0* 0 +* .*608 9*0 *+208 - 0 4 0 - :0 +8
., ,10"+ - . 40 0 : + - 8 51 6 0 - 3 .4*+ - 0 .6. 5 50"". . - ." 9*1 5 6+ *, 6.
, 04 6. 3+.0 1*4 *0* 2+8 5. 61 2+8 * - 8 , 04+" 8 4 + ""+ 6
& + 7.0, * 6.** . 90 0 0*6+ * 0"9 1 *0 - +4. 06 "402+ 9+ -
.66".,1 . - 5 .0, 5+.0 + 208 3+.8 5 .0 4 1 60*02.6 7 61571 +8 1*4 .91* +8
.40/6 0 - .8 .*9+ 6 .8 04. 6.3 0 .* +41: ,+8 03+0&0*08 3+ *+50 4,,040*60
0 5 1: *, . "2.*1 . $7 " 551 . 0:1,.61 0/0 , 6+ - 6 .4 6+ - ,+ - + - - 1 - 50 1
.,,050 .6 +/0"" 8 *6+0 5 .* 06 *40 0 9.8 .4 (1 - . - :0* 6 +6 0/5 15 *3+1
01 - 14 +8 .+/ " . ".21 .*6 2+8 50 ,.*."0 8 + - - 660*4. 5. . 06 0 , , , 6,
*.: 2+8 09 09 0 * 6 +4 8 ." 3+16 ,. 18 51 6.*41 ,1 - - 0.6+ - 51* 6 < 3+.8 *.:08
5".*.0 06 12"1*9.0 3+.0 - 51 6+1 8 "1, 8 ., " +8 +20+*6 0 - +",1 6 . 6.0 03+0
2.*6+ .*6 , , 60 * ,". 0 , 1 . - .6 ,+ 5 .00 .6 2 0""1:. +8 - . 8 5 .0 04+8
51"" ,.56+ - 1 "+: ,1 - 60 * + - :061 06 8 0/ - 1 21 6+*, 1 60 40,+ - 20 06
2 E" - .0+8 0<+8 "09.6+8 + - - + - - 50 + - 90 02.6 + - * 01 +*6 +6 1":.*6 .4
:0*6+ 5 1 09 8 4 5"1 . .4 0+ - ."+6.*4+ - 40 - 1 0 61 - 0*6. < 3+1 - - : +*. *.: 8
3+.0 ,171 60 - J .*, , 12.4 "".0 51 6.2.6 .50 6. - . 6.6 - ,+ - - " 6 2+8 7.+ 6.
0 6 ' 5.+, 3+0 50 ,+"+ - 0:. 0 0 * 3+ 2+8 12.4 "". 4+41 06 *4 0.8 V 1 - .*+8
0<+8 9* 0 7 "1 - *+8 51 6 4 0 1":+*6 A+" .*1 1 1 - 0 1 1 - 0 :." ." - 5 .0
- "2 5.+"+ - 3+0 5 59 0"" 1, 1 + - 12: . - ,". "0 - 7.20*6 "1*90 06 *+ - 0 1 *.
& + - 06 - .9* 6+4 *0 .63+0 ."6 6+4 *0 .":01 +* 5160*6 1 0* $ - . - ., 0 - 4+
,02.6 E" - .0+8 33 :0*61 .4:0 "2 ,+ - " 6+8 "090 06 *,+ - 20*6 2+8 71 6 2+8 06
- .*+ 0 0. *<04. 09 09 0 5+9*. - ,.50 " *6 (04 ,+ - *03+0 1 - 0 +8 *03+0
1 + *9+"+8 3+ +"6 * + - .9 *0* 4+,02.6 .+/ " 1 350 :0* 0*6 . 6 , 1 8
9* 2+8 *,0* . *.:0 3+.U:0702 + 5 , R67." 2+8 :+"*0 2+8 4+8 6.*40 - 5.0*0
0/.* - 8 * 01 + - - .*+8 40:0* 6 *40 * 1 - 0 + - ,1*:0 +8 - 506+8 3+ *.:0
<. - .3+. - 7.+ 0*60 * 2 0: . * " " 6 06 *.6.*41 .4 .990 0 - : , *+ - ,+ - <, - " 6 B
2+8 *,,:"+ - 8 50 :0* 6 - ".0 0/ 09 8 / *.:08 5 .060 0.8 3+.0 ,1 - - 0.6+*
51 6.2.*6 06 0.8 3+.0 - . 7.+ 6.0 +*6 1 - 0 *.: 8 ,.56. 06 0 :.6. * 3+.
- .*4.6. 0, 06. 0 .*6 $0 0 +*6 * 01 ,0 6. - *0 , , 64 0"9.0 06 5.* 06
* 8 4.,+8 .)+8 ,+*0. 06 06+8 1*^": +." 8 9* 0 1 +8 *9+"+8
9 .: 60 :+"*0 .6+8 0 * 6+6+ - +24+/ 6 0, 0" , 1 - +"61 ,1*.6+8 + 6 (.*4
: ".0 . 5 16090 0. - <.4+ . - 4 " 90*6 . . , 0 .6.90*60 *6+0 5 . 0140* 60 - 51 0
+ - - " 3+ ,+ - 0 09 1*0 & " " *9.0 :0* %06 ,+ - " 1* 1 ? +51 E."" 1 06
& 5 +8 "09 1* 8 " 9* 8 616 40 - 3+0 0/ 1 - 0 .*. "09 1 0 ,19* 61 ,". 8 ,+ 0
,1*<+*90 0 40202.6 +,,0 "+ 06 1 0 9.8 :0 +8 51"" 0/ 9++ - ,0 6. - 0* 0 0,05 6
. - " 1 6.*6+ - ,7.0"0 V 0: "". 06 ." 3+16 - "R 2+8 %.*40 - 5 0/ 1*4 .
91* + - 3+ "402+ 9+ - 60*02.6 - 2*+ 6 +6 " 2 ,1* +"0 06 *03+0 * .*9+ 6 .8
*0/6 , .2 "0 8

% $ # 3 /&' D +' U$ 0 1 ' ' 0
ń L % # 1 5 0 % 6 $?%
/, $ " " / " U /)
. ! , .) 0] 5 # , V 6
3?

% I .*4 7. - 01 - 6 8 (."15 0* 6 8 " . - 0,+*4190*6. - . .0 E "20 6 ,1 - 6 (
8 " . - .20R. - E+" 0" - .*4 6 03+ (."15 0* 8 +/1 8 1 1 0 - d

" ʿ ,ʿ

*0/6 ,.2 "48ʿ 0ʿ,1 *5T""ʿ *0 06ʿ *+"".ʿ.+/ "1 +-ʿ 50ʿ ""0ʿ3+ʿ* 7 " 0" 3+ʿ.4ʿ &
ʿ ʿ ʿ " ʿ ʿ ʿ " # #ʿ #ʿ " ! #ʿ) ʿ '
, 6 8ʿ06ʿ.* - ." " -ʿ 5 1 + -ʿ50"" 2+8ʿ06ʿ0/ʿ<6/ :ʿ5.* 8ʿ +*, 8ʿ3+.0ʿ4 06 -ʿ *ʿ" *9+"18
- "608ʿ4 6 2+02.*6+ ʿ40" 2.6 1*0ʿ 0*" -ʿ .4.ʿ.4ʿ ʿ+*, .8ʿ4 + *.8ʿ,+ -ʿ* 7 "ʿ<. -
.ʿ"1*91ʿ60 - 51 0ʿ5 .060 ʿ5. 6""18ʿ0ʿ" *ʿ 0 - *0ʿ,1* 0418ʿ12 0" <,40 0*6ʿ*03+0ʿ5"+8
3+. -ʿ3+.6+1 ʿ4 0 + -ʿ0/ 9+ʿ.401ʿ 40 - 0* ʿ ,1 - - 0.6+8ʿ +55060 ,6ʿ,1* " + -ʿ *6
.*603+. -ʿ404 6 1*0 -ʿ .,0 06ʿ1 - * + -ʿ - 0 , + -ʿ.,ʿ 0 + - ʿ3+.0ʿ *ʿ15+"0*6" - .
+ 20ʿ0 .*6ʿ06ʿ+ + 71 6ʿ0 0ʿ5160 .*6ʿ50 40*4. + - ʿ3+14 ,+ -ʿ - "6ʿ+"6 1*0 -ʿ.2
.+ 1*,* ʿ3+ʿ.03+.8ʿ,1*0)6 1*08ʿ - 141ʿ .":.ʿ1 - * .ʿ *ʿ+ 20ʿ 0 - .*0 0* ʿ5 151
*02.6ʿ:0 61ʿ*1*ʿ5 12. 06ʿ *ʿ7.8ʿ6.*40 -ʿ"0908ʿ,1*:0*6+ - ʿ+6ʿ 1*4 .91* +8ʿ "
402+ 9+ -ʿ06# *0 - +4. -ʿ,+ -ʿ - .,7 * 8ʿ.55. .6+ʿ20"" ,6@06ʿ - 0 , 2+8ʿ *609 8ʿ6 .
40 06ʿ *03+0ʿ3+ 43+. -ʿ0/ʿ - +* 6 1* 2+8ʿ40 - 1" 06+ ʿ' 06ʿ 5 0ʿ ,+ -ʿ + 8ʿ3+ʿ .+
ʿ ʿ %ʿ ʿ ʿ f * ʿ ʿ* %ʿ # %ʿ 8 ʿ *ʿ
.": 8ʿ*0 - *0ʿ 0,+ -ʿ0/ʿ155 4.* 8ʿ.44+41ʿ0/ 0ʿ60*, 0*6+ʿ' 40 -ʿ * +50ʿ12 6 *
ʿ ʿ ʿ ʿ* D ʿ*ʿ; . ʿ3 # ʿ (%
A.,12+ -ʿʿ(- 1 + -ʿ1 4 *+ -ʿ4+41 0 - ʿ06ʿ 6."+ -ʿ3+0*4. -ʿ*1 - *0ʿU 6.40"". -ʿʿ
* ʿ ., .6ʿ 5 0ʿ 0ʿ, .56 :+ -ʿ 6.6ʿ .+6ʿ1 4 *+ -ʿ4+41 08ʿ,0 6Uʿ*+ - 0 1ʿ12 4+ -ʿ"1,1ʿ
6 .4.6<ʿ4 - 66.*6+ʿ: , *ʿ61 - 0* . ʿ06ʿ0/0 , 6+8ʿ.**1*. ʿ - 1*.,7ʿ , -ʿ.,ʿ
.,0 41608ʿ,+ -ʿ. - 4 2+8ʿ.,ʿ 02+8ʿ + 8ʿ "3+0ʿ40ʿ21* 8ʿ + 8ʿ 41*00ʿ, .:0.6+ ʿ06ʿ *ʿ6+ʿ
6+ - ʿ*.: 2+8ʿ *ʿ 4ʿ,1 - - 14.6 8ʿ404+, .*6+ ʿ .0,ʿ.4.ʿ *ʿʿ . - - 0R, *0* ʿ. ,0ʿ/ : ʿ
J02 ʿ 4 4+1ʿ51 6ʿ .+" 1*0* 8ʿ3+ʿ&" " *9.0ʿ0 .6ʿ *ʿ+ 20 -ʿ:, * 6ʿ06ʿ155 4.* 8ʿ
,ʿ.+ 01 + -ʿ, 1ʿ - 506.: 6ʿ.2 0*6 + -ʿ21*.ʿ1, ,+5.: 6ʿ - 0 , 2+ 3+0ʿ4 :0*4 8ʿ - .9ʿ
. -ʿ50,+ .0ʿ + - - . -ʿ,1* 0, 6ʿ6161016 .4+ʿ5 .060ʿ9%0 910 . -ʿ * + . * 1"ʿ
".*4 . -ʿ+ 3+0ʿ516 6+8ʿ G+14ʿ0ʿ.* - +*ʿ.4ʿ - .<1 .ʿ.+40*4.ʿ 0, 6ʿ +41: ,1ʿ ." 2 ʿ
: 1ʿ .6 , ʿ3+ʿ.ʿ . 1"1ʿ 090ʿ06 . -ʿ51 6ʿ6+ - +"6+ -ʿ$. ,* 0 -ʿ" :0ʿ:.*.ʿ 50ʿ" :0ʿ"0 1ʿ
+2"0:.2.6+ ʿ06ʿ *+50ʿ,".*ʿ ,+ -ʿ "0* 1* 1ʿ .*4 ʿ,+ -ʿ 0* ,+8ʿ .60ʿ6ʿ$1"1ʿ
* . -ʿ5 1 , ,0 06+ ʿ,1""1,+6+8ʿ0.ʿ40ʿ 0ʿ +0 .6ʿ 5 + -ʿ,1* - .*60ʿ 8ʿ" 3+ 40 -ʿ *ʿ
E0 - .* .ʿ*1ʿ: 8ʿ,15 8ʿ,1* 0ʿ56 8ʿ % .<04+ -ʿ+ 3+0ʿ 1 .0ʿ:0*0 .6ʿ+ 20 -ʿ60*6.6+ʿ
+8ʿ *ʿ0<+8ʿ0/0 , 6+ʿ: ʿ504 6+ -ʿ ʿʿ&. 01*08ʿ 0"9.0ʿ - .<1 0 -ʿ5. 60 - ʿ3+18ʿ5 0ʿ
4+,02.6ʿ' ʿ03+ 6+ -ʿ, 1ʿ3+ 2+8ʿ5 .00 .6ʿ 7 61571 +8ʿ . 1. +8ʿJ 40 ,ʿ$.".6 *ʿ
0560 - : ʿ " + 8ʿ% .<041ʿJ .*, 0+8ʿ ʿ 1*60450.ʿ5 .00 .6ʿ< .4:0*6+3+0ʿ . "2: <ʿ
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,"15506. 1 + -ʿ 1*4 .91* ʿ.ʿ5 1 090ʿ5 150 0ʿ + - - "" 8ʿ' 3+1ʿ06ʿ 5 + -ʿ +2"03+ʿ
<+" +8ʿ(.*4 +8ʿ : ".ʿ - "6. ʿ0 0*6 .ʿ06ʿ"1,1 + -ʿ716 6 .ʿ6+*,ʿ *60ʿ "5.*18ʿ5 .0, ʿ
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0 ʿ,1* , 5"0 .6ʿ06ʿ"09 1*0 -ʿ504 6+ - ʿ4+,0ʿ .** 2."0ʿ "60 - 5" 1ʿ :ʿ[ʿ 0":06 1ʿ
+ -ʿG+ *3+05.9 ,1 + -ʿ ʿ06ʿ ʿ" 9*.ʿ 0"9. + -ʿ .*4.6+ -ʿ * +50ʿ 1*".":1ʿ
iʿ ., . - 1*6 1ʿ+6ʿ ʿ "5.*1 + ʿ ʿ06ʿA1ʿ .56 6.0ʿ 1*6 1ʿ+6ʿ ʿ03+ 6+ -ʿ6+ ʿ
- .8ʿ0/ʿ .6.: .ʿ.44+,0 0*6ʿ+2ʿʿ .5 01"+8ʿ *# 3+0* ʿ 09 1*0ʿ.4ʿ ʿ 0*40" + -ʿ06ʿ
?ʿ 6 - 0*04+,+ -ʿ5.+"1ʿ.*60ʿ 0 -ʿ 0" , 60ʿ90"%0 .6ʿ - +* - 0*6 8ʿ." 3+16ʿ, .56 8ʿ06ʿ 2ʿ
, 1 + -ʿ: 2+8ʿ4 "" 5.6 8ʿ + -ʿ 9 6+ʿ 0*41C.ʿ0/0+*60ʿJ02 +. ʿ:0* "%06ʿ5 .04+ .ʿ
+2 3+0ʿ.47+,ʿ9"., 0ʿ5 - .ʿ,+ .ʿ + 6ʿ+ 2 8ʿ,1*6 .ʿ: -ʿ0/60 *. -ʿ - +* 0*4.0ʿ*1*ʿ*09ʿ
"041ʿ *60 -ʿ *60 *1 + -ʿ - 16++ -ʿ50 ,+"1ʿ' *. -ʿ5"0 1 3+0ʿ *ʿ155 41ʿ,+ -ʿ 1, 8ʿ
,1* 5 . 0ʿ + 5 , 1ʿ0 .6ʿ 0 - + -ʿ:ʿ 1*ʿ . 6ʿ : ".ʿ:0* 6ʿ,+ -ʿ ʿ" 9* 8ʿ0/ʿ"09 2*,
) ! 3* %
,% N ʿV 0 ʿ LʿR .' ʿ ʿ A ʿ(Vʿ ʿ + ʿ ? ʿ
ʿ ʿ." $ʿ 8ʿ $ʿ ʿ .' ʿ ? , $ʿ ʿ ʿ% 6 ʿ ? ʿ $, ʿ Vʿ ʿ
$ʿ [ʿ+ $ʿ $. (ʿ $ʿ D ʿ% . ʿ ʿ ʿ UB ʿ ʿ ʿ ʿ $ʿ
' 6 A ʿ ʿR ' ʿ & ʿ] L
% ʿ ʿ .0*04+,+ -ʿ 8/N. 0 0 -ʿ 1 - <*0 .0ʿ& 6 ʿ, $ʿʿ ʿ ʿ - 0ʿ
*040 ,ʿ 4
. ʿ ʿ ?ʿ <ʿ

&ʿ(0+". 4+, 2+8. . - .*1ʿ 1 ."0ʿ " 1* 1E."0., 1ʿ06ʿA1.**0ʿ 3+ ".ʿ$06 ʿ 1* .":
' # ʿ " ʿ 0*41C.,ʿ3+ʿ.20 .6ʿ 69 0 1ʿ5 .060 0.ʿ "1,,ʿ ,"15506. 8ʿ 0"9 8ʿ3+18 ʿ +5+8ʿ
E.""+8ʿ 4+,02.6ʿ *60ʿ018ʿ 6. *ʿ: , *18ʿ ." 3+16 08ʿ ,: 2+8ʿ5 10" 8ʿ,, 6.6+ - ʿ41*00ʿ
: ".ʿ< ,29* 61ʿ71 60 8ʿ"./ 1 2 68ʿ71 5 6 8ʿ+6 ʿ / :ʿS."ʿ 5 "ʿ." 3+16ʿ,171 608ʿ3+.0ʿ
6 1 - 0".0ʿ :. % 8 041 - "" . 2 8 0,+ +8.902.*6ʿ*14+.99 04 6+ ʿ06ʿ.4ʿ "1,,ʿ
ʿ0.04 6ʿ ʿ 06ʿ, -ʿ03+ 6.6+8ʿ0ʿ: , * 8ʿ71 5 6 8ʿ.+/ " 1ʿ.4:0* 06ʿ.ʿ$06 1ʿD + 61ʿ06ʿ + ʿ
6 1ʿ$.9.*1ʿ"0: 8ʿ. - .6+ .0ʿ4+, 2+8ʿ 5. 60ʿ, .0 ʿ .,ʿ4 6+ 2.6ʿ +*6ʿ< .,,0* 8ʿ *60 -ʿ
9* 2+8ʿ.4ʿ 3+1* *ʿ ,2* 50 6+ -ʿ6.*3+. -ʿ.4ʿ" 9*+ -ʿ+* :0 .0ʿ ,15 .,ʿ *ʿ. - 8ʿ.,ʿ
,+ 0 0ʿ . "2: +8ʿ 5 0ʿ ,+ -ʿ 1ʿ, , 60ʿ03+ 6 2+8ʿ*. -ʿ . 1. +8ʿ ." + -ʿ + - 1 0 -ʿ
.6+8ʿ71 5 6 1ʿ*1*ʿ 0ʿ - 1: 6ʿ6. *ʿ5 .0, 5 6ʿ,0", 6.60ʿ .4:0* 6ʿ +6ʿ .*7," 8ʿ03+ 8ʿ" ,06ʿ
0 0*1ʿ ,10"1 ʿ .0ʿ, ,+*ʿ: .51 0ʿ 5 "2ʿ *02+"1 +8ʿ .55. 0 06ʿ) 2 ʿ *ʿ ,1* 504+ -ʿ
5.*1 + -ʿ:0* 6ʿ *ʿ ʿ.9 - *.ʿ,15 .8ʿ4 6 2+ 6ʿ"0: 2+8ʿ5 10" 8ʿ +6 *3+0ʿ,1* 0 6 8ʿ
,+ -ʿ 5.*ʿ*+ - 0 1ʿ * 0 1 08ʿ 0ʿ,1*6 *0 0*6ʿ6.*40 -ʿ4 :0 ʿ7 *,ʿ *40ʿ 2 0 +*6ʿ
S."%1: +8ʿ *ʿ - 2+ 90* 0 -ʿ .9 + -ʿ40 00*4 6k 06ʿ .4ʿ ʿJ.", . - 1*6 + -ʿ06ʿ &+"50+ -ʿ
& ,18ʿ ,. 6 .ʿ 2 4+1ʿ 51 6ʿ - 06.6+ ʿ3+18ʿ : ".ʿ% .<041ʿ09 0 +8ʿ ,+ -ʿ "5.* 8ʿ06ʿ
0"9 8ʿ ,"15506. 8ʿ06ʿ : ʿ03+ 6+ -ʿ6+ - 8ʿ * 0,+6+8ʿ0 6ʿ +"6 - + - 3+0ʿ .9 - 0*ʿ,. ʿ
50*8ʿ*0,ʿ6. - 0*ʿ ,04 60 8ʿ - .9*1ʿ4. - *1ʿ. ,0 0ʿ516+ 6ʿ A. - 3+0ʿ .,. - 1*6 +8ʿ
0/ʿ .6.: .ʿ,+ -ʿ/ /:ʿ 9* 8ʿ06ʿ8ʿ 1*6 +8ʿ,+ -ʿ,0<) 6.6+ʿ + 0 - +*4. -ʿ:0*0 .*6 ,+ - ʿ
5 1 0/ʿ<3+ʿ: 40 0671 6 + -ʿ *ʿ4 08ʿ,15 .8ʿ, 0 00 0ʿ06ʿ:0 0 6+ ʿ*0ʿ6 .* - "2ʿ? 1 .ʿ
ʿ 6+.6 01ʿ+2ʿ5"0 .3+0ʿ155 4.ʿ+6. 0ʿ *60"" 902.6ʿ50 ,+"1 .ʿ - 5 0 1*0ʿ *,+ - ʿ
20 0*6ʿ5 .0:0 60*4+ -ʿ .6+8ʿ 5 0ʿ018ʿ.41 ʿ6.6+ 6ʿ06ʿ.*603+. -ʿ .+ 1*0* 8ʿ,+ -ʿ
+41: ,1ʿ . 1: 1ʿ .6 0ʿ,1* +*90 06+ ʿ ,+ -ʿ71 6 2+8ʿ ,1* " 90 0ʿ 6.3+0ʿ : ".ʿ
,+ -ʿ40"04.ʿ - .*+ ʿ5 15 +8ʿ.4 - 16 8ʿ,15 8ʿ3+1ʿ 40ʿ71 6 + -ʿ 02+8ʿ ,19*1 00 06ʿ018ʿ
"0: 2+8ʿ5 10" 8ʿ".,0 "6ʿ< *+) 1ʿ." 1ʿ * 6 1ʿ5 1 04+ʿ3+. -ʿ3+14ʿ ""ʿ40ʿ6 .* - 660*41ʿ
0.ʿ5. 60ʿ 1 .ʿ40"50 .*608ʿ ,1* " 1ʿ - +6.62ʿ 06 1ʿ 01 - .9+ -ʿ 60ʿ "0/0 0ʿ06ʿ *60ʿ
1 . -ʿ06ʿʿh .7." -ʿ,. 6 .ʿ - 06.6ʿ +*6ʿ3+1ʿ .+ 1*0* 8ʿ3+ʿ,15 .8ʿ *ʿ 1 - 0".ʿ *ʿ
+".ʿ,1902.6ʿ<. - 3+0ʿ .4ʿ : "ʿ, ʿ504 6+ -ʿ7.202.6ʿ,+ -ʿ 5 8ʿ 0ʿ,1*<+*4+ +8ʿ0 .6ʿ
(+ 5 , 1ʿ + 6ʿ 1, 18ʿ01ʿ,1* " 1ʿ .", . - 1*6 1ʿ,. .ʿ - 1: 0ʿ3+14ʿ40ʿ + 0 - 1*4.ʿ. 6+ʿ
" :0ʿ3+1 +*4. -ʿ5 14 6 1*0ʿ *60 , 5 0*4.ʿ*ʿ 50 -ʿ:0* %0*6ʿ +8ʿ3+ʿ.20+ 60 8ʿ * 0ʿ
3+0 06+ A1.**08ʿV ",1*06.ʿ,+ -ʿ40"04 8ʿ, .6.57 .4 8ʿ06ʿ ,"15506. 8ʿ03+ 6 2+8ʿ3+06 ʿ
: ".ʿ,+ -ʿ6161ʿ0/0 , 6+ʿ50ʿ."60 . -ʿ 5. -ʿ *,040*8ʿ 0,36+8ʿ0 6ʿ< 06ʿ - " 8ʿ.4ʿ 09 ʿ
4 + - \ʿ . ". - 1*6 + -ʿ 0 9 + -ʿ3+ʿ 01 - .9ʿ0 .6ʿ,,,ʿ0/ʿ"09 1*0ʿ(,+".ʿ ,"15506. ʿ
8ʿ06ʿD .5 01"1ʿ,+ -ʿ +.ʿ ʿ(03+.*1 + -ʿ03+ 6+ -ʿ.". ʿ3+ʿh .7." 8ʿ.990 0 -ʿ 0 :. ʿ
0*6ʿ\ʿ +,+ -ʿ:0* 6ʿ .0ʿ51 6 4 0ʿ 1 . -ʿ.4ʿ E .: . -ʿ6 .* - 66 6ʿ51*60ʿ.04 ,.61ʿ
"" +8ʿ * 6. ʿ3+0 *ʿ "2.*+8ʿ *ʿ,140 -ʿ"+ - *0ʿ .:0 .6ʿ,+ -ʿ% .<041ʿ6 40 -ʿ.4ʿ=+6ʿ
.* .0ʿ12" 4 1*0 -ʿ,1*60*40 06ʿ ? 0,ʿ - +"61ʿ51 6ʿ12: 18ʿ7.2+ 6ʿ71 60 8ʿ "0: 3+0ʿ,1* ʿ
0 61ʿ,0 6. - *,ʿ06ʿ." 3+16ʿ0/ʿ *61* ʿʿ .:."ʿ6+ - .ʿ.ʿE0 - .*1 + -ʿ03+ 6+ -ʿ9"121ʿ
155 0 8ʿ + -ʿ71 608ʿ *ʿ5".* 6 0ʿ .*60ʿ6 1,. -ʿ: ,+ -ʿ " :0* 8ʿ4 6 1* 8ʿ *ʿ 1 .0ʿ
.990 0ʿ 6+ -ʿ., 0 -ʿ * 6 +/ "%0*6ʿ : ".ʿ5. 60ʿ +18ʿ * 6 + 606ʿ 6.ʿ+60 3+0ʿ0/0 , 6+8ʿ
ʿ. - 8ʿ,1 6 60 0ʿ+ 3+0ʿ.4ʿ 2" 8ʿ1,,. + -

&ʿ$ʿ1ʿ8ʿ% ʿ3+ʿ + 6ʿ/ : ʿS."ʿ .8ʿ + +8ʿ1 - *08ʿ *ʿ. - 8ʿ,1 - 5. +0 0ʿ
04ʿ 0,+ +8ʿ . "2: .*ʿ.902.*6ʿʿ3+ 550ʿ3+ʿ5 .0,+ 1 08ʿ.ʿ5 1 09,ʿ.4ʿ".4 0 0*4+ -ʿ
- "28ʿ*03+0ʿ4+ -ʿ1 - *0 8ʿ,15 .8ʿ 1 . -ʿ6 .* - "0ʿ, 040 0* ʿ06ʿ70 60 *1ʿ +,,0 6 ʿ
* ".6 ʿ71 60 -ʿ,1*60 - *0 0*6ʿ 1,. - ʿ3+.0ʿ.ʿ - 0 4 0ʿ 1 . -ʿ +2<04+ -ʿ7.206ʿ.ʿ
0560*6 1*0ʿ."61ʿ - 1*60ʿ, *9 6+ ʿ3+ʿ.ʿ: ,1ʿ61 - 0*6ʿ<.4+ʿ - 04 1ʿ *60 @ʿ.,06ʿ3+1ʿ *ʿ
5.6 1ʿ71 608ʿ03+ 6.6+ -ʿ *ʿ :ʿ.9 - *.ʿ6 2+6+ - 06 * + - - 1 - 1X 60ʿ5 .060 0.ʿ,ʿ, , 60ʿ

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&H * . ' . "2572 1 + - ' 06 ,"15506. 1 + - ' 0 . *6 ' 6 ' 6 : ' .9 - * . ' 4 6 2+0 06 ' 06 3+ . '
"1 ,1 ' . *9+ 61 ' 5 0 - 02.6+ ' ."60 + - ' 51 6 ."60 + - ' 6. 06 ' 3+ 2+8 5 .00 .6 J0 4 * . *4+8
'%1"06. * +8 ' 3+ ' 3+. *3+. - ' .090 ' 5 10" 1 ' *60 0 "0 :1"+ 6 ' . , . - 1 *6 +8 06 1 *4 . '
91 * +8 0"9.8 0,+ - ' 4+,02. *6 ' 3+ ' - +" 1 - *08 .4 &504 6+ - ' , 1 ' 0 , 02. * ' 4 '
".0 : . - ' 03+ 6.6+8 * ' 616 9 - * . ' 3+16 71 6 " 8 ' 4 6 2+6+8 6.2.6 ' 3+ 2+8 " *9+" 8 ,"15 '
5,6. 1 + - ' 9"1218 .66 2+0 .6 ' 3+ ' 0 - - ' ".60 . ' 6090 0 *6 ' 4 ' 40/6 . - ' ."60 + - ' .9 '
- , * ' 03+ 6+ - 3+14 ' 0/ ' J0 4 * . *4 %1"06. . A1 ' .56 6.0 1 *6 ' 46 . - " ' 1 *6 '
." 8 ,1 * " .6+ - ' 0 .6 ' 3+18 03+02. *6+ ' + 6 ' . 6 *0 *9 ' 0 6. 4 * ' 0 *41C.0 06
4 +5 ' (.5.6.0 ." .0< 3+. * ' +"6 - . - ' U 069 +8 4+,02.6 ' %+ * ' 0/ ' ,1 *") 1 0 *41C.0 '
3+ ' " 0 .2 "2. *1 ' 4 4 ,0 .6 ' 156 - + - ' .4+ : + - ' 0 6 ' ,+ - ' 40 + - - . ' 0 + . ' .9 6+ '
+6 :0 * 0 *6 2+8.4 - . * + ^71 6 2+8 40"04. ' 03+ 6+ - ' 06504 6+ - - . * +8 f051 * .6+ ' 3+.0
2"+6 8 1 4 * 2+8 .4 1 - *0 8 , . +8 5 .0 61 66 ' 06 0/6 . ' 1 4 *08 51 6. ' * ' ".6+8 ,+ - 2.6 '
6. * 6 + 6.+68 *3+, ' . , 0 +2 40, - .67 4 0 ' 71 . - ' 1 *4 .91 * +8 * ' : .""+ - ' 71 6 + - '
3+1 ' 0 ,1 *6 *02. *6; ' - 506+ - ' . , 6 ,+ - ' 0 , ,0 ," 5506. 8 ' 5. 6 - ' 5. * 8 ' 4+0,
4 . ,1 ' 1 *6041, . ' 5. 6 - ' 0"9 8 A1. * *0 (5" *1 ' 06 +90< *1 ' 4+, 2+8 ' . , ' 6. *40 - '
51 6 ' . ,0 - + - ' ,0 6. - 0 * ' : .""+ - ' +50 .6 ' 0/5+"" 8 / ' " 9* 8 ' 3+.0 "1,+ - ' 0 : .2. *
G+1 ' " _ % ' 9* . ' * ' 5". * 6 0 ,1""1, .6. ' 1 *60 - ' 01 ' :0 6+ *6 $ + + 3+0 70 , '
. , +8 ' 3+. - ' . *60. ' , 6.6+ ' + - 6 8.2 : " . ' , ' ," 5506. 8 - . <1 2+8 "5. * 8 '
3+18 4+,02. *6 $06 +8 ' 0 * . : 4. ' 06 # +066 < . : . ' , ' 0"9 8 ' 4+,0 4. : 1 ' 0$, ,70""1 '
06 616 40 - ' ". "2571 8;4+E0J . * , ,1 (.".C. 1 3+ 05+" 8 + 8. - . <1 , ' * + - 0 3
,0 6. - 0 * ' 0 6 6+0 0 *6 ' %+ * ' 1 *6041, . ' 5 - 1 ' * ' : .""+ - ' * " 0 *60 ' ." ' - .9* . ' : '
6+60 6.6 - ' * " + *6 0 6 ' + +8 : ." 1 ' 516 + *6+ ' 40 40 .61 * ' 01 ' ,1 * " 4+ ' 1 *6041, .?
1 / ' 504 6.6+8 71 6 " 8 ' 2"+6+8 7+0 ""+,4 ".2 6+ ' 03+0 6. - 0 * 5. * ' +9 0 *6 2+8 '
6+ * , ' * 6 60 0 ' 03+ 6.6+ ' .47+, ' 01 + - *609 1 ' < 0/ ' 3+1 ' . 1. +8 06 . 1 : +8 ' 3+ ' * '
+ - - 1 ' - 1 *60 ' 0 . *6 ' ." 1 - 56 8 0,+ - ' "1E ' 40"04 8 40 * .61 ' .9 - *0 * ' 5". * + - ' 40 , , * '
4+ *6 ' 06 ,"15506. 18 03+ 608 a2: 18 ' 3+ ' . *60 09 . - ' . , 0 - ' 6.2. *6 ' 5 .060 :04 ' *
E0 - . *18 - 506+ - ' . ,"+ *6 ' 3+ 2+8 * ,) * .6 8 * ' 60 - 51 0 +50 :0 * 6 A1 ' .56 6. '
1 *6 +8 ' 06 0+ - ' 0, +6+8 0 * . 4 * +8 0 *41C. ' 3+ ' 71 6 + - ' : - ' + 6 * +0 + *6 ' 06
018 06 1 ' - 5+"0 + *6 ' 6. +6 ' 2 5. 6 61 ' .9 - " 0 0,040 0 *6< ." ' 1 - 0". - ' :0 +8 ' ." '
.4 + - - + *6 - 1 *60 - ' ' +2 ' ,1"",4 8 0/ ' +9. ' : 2+8 + +8 * ' 5". * 6 0 - ' 40 00 *4+ *6 '
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4+0"8 . , ' - " 6 8 - + * +8 - 5"0 : 0 * ' . "2: +8 06 . 1.6+8 03+ 8 40<04 ' . +6 5."+40
.2 1 56 ' 50 0 + *6 ,6, . - ' +8 0 * ,+8 . 62: .60 ' <+ * 1 ' - 1/3+0 * +9. - ' :0 "1 '
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5 10" 1 ' 506 , + *6 ' 0/ ' 03+ 6 2+8 . - 5" +8 "1, ? 1 * " + - ' + "0 . "2: ' , 04 6+ ' ' ?
5. * 4 +9 0 *6, ' * 6 1 ' 504 6.6+ ' 0+ - ' +6 6 ' 5"+6 8 1 4 * 2+8 * 0,+6 ' 0 "0 *6 ' ,+ - '
*609 8: 41 08 5.". *60 8 .99 04 ' 3+ 2+8 6. ' . , "0 : 41 . - ' 0/61 06 ' :0 + - ' "" 8
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- 0 *6. ' . , ' 50,+ * . ' 3+.0 0 0 09 8 E."" .0 *16. 9* .6. ' 0 . * ' 6. ' 0 - , * . .6 0 *41C.
(.) 2: 1 + - ' 06 . 1. ' ,1 51 . ' 3+. *6+ - : 8 4 " 90 *60 ' *60 ' , .0 1 + - ' , .4. :0 .
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A , 60' +, ,0 0 +*6' 40 ,060 1'"20 ."8',1 - 8' - "6. ' - 1 0 ., +*4+8'06 3+ '" ,06
1' - 04 1, 2+8 *90* '436 2+8 1 *.6+8'5"+8 1 6+*.0 3+. -'5 +40*6 .0 6 2+0 06<
*'0.' 0 h ""0" - 1' .+ 1*0*"" .6 '3+' . 1') *3+. -'3+ ,3+. -'0:0*6++ -' ."0.0
,1 - - 6'3+. -' 6+4 8 ,1*,1 8 6. -'<+4 , 1'4 5. ' %16+ -' 0'20*0 90 6.0 40,+8
0"9.0 0 9 1'6 2++*6'3+0 *' 0*41C.' + 8 "5.* 8 .:0*8 6.*6+ -'5 10" 1' +50 '
:0* "0 4 , 6' *03+0 ."+4'5 .060 0.'150 .0 5 06 + -' .2 01' .4+ -'6 .4 6' E.""'3+'
."2: 1' - "6.2.*6' *'5 -.' ., 0 6.*608'51"" 0 -' 1 6 60'90 6. -'50 ,+"+ -'0:.'
0 0' 5.* 8 *'0/0 , 6+ - '.'3+1'5"+8 2' - 06+02.*6'616+ -' - 506+ .':0 60 6 6 2+8'
40 ""'<+/6.' 70+ -' 0 ,1"" 90*608'."3+16 0/'*12 "6.60 .4 018 0 .99 09.*6 2+8'
.'S0 50* 06*'. ,0 -' .+ 1*0* 8 .+ 5 , 8 1, ,+5.*6'06 ,1*6 .' %' .<04'5 .0 4 . 18
. 6+' *60 , 50 0 "". -'.99 06 18 06 *+0 +*6'' 3+18 06 09 0 %18<+/6.'U&& 6 .*+ -', .0'
4+*6' 0///'. - 5" +8 0/' 8 , .56 8' " '06 E.""' *'2% 0: 8 +2'/ : ' 9* 8 7+0 + 3+0
7.0 0 +*6' . ",A: 1,1*<+*90 0 0 ,+5 0*608'3+ '+2'40 ,".407.,'.,,050 +*6'D '
90*6 *. -':0 +8 60' "04+*6' +2'12: . -' .4' ' .** 2."' "60 - 5 1'3+ '2 *.8 50'
4 6+ -'"09 1*08 "" 8 "1, 8 ,1* 0 5 0 .6' - 5 1: 2' " + -',+ -'1 - * 2+8 4+, 2+8 15'
5 0" + -',.04+*6'06 *' +9. -':0 6+*6'. - 8 .47+,' *'5".+ 6 8<.,0*6 2+8'.*603+. -'
- "6'4 6 2+0 0*6+ '0 056 8'3+14' "60 - 5 ' *' 0"9 + -'.4:0*6+ '."3+.*6+ -' 0''
6. 4.: 6' %.*6.0': 41 .0 5.*1 + -'5 .045+0': 6+60'5. 6.0 +4+ -'01 +*40 -'
* 1"0*6 .',1 +5 6'4+ -',1 - 5"+ + -' - 0*" + -'6 50*4 .'50' 04 6 1*0 -' 051 0+*6''
3+14' "" 8'51"" 5 9*. -' +6 E0 - .* 8 .*60 5+9*. -' 1"0 **0 0 6'0/ 6 1 15. 60'0/'
0 - 5"1'06 0/ 6+'' ,+ -'06 ."60 ' 0'20*0 90 0*4.0 1,,. 1*0 -'.4 - .*' ."60 ' 0 20*0
90 6.'+6 +,04 +',. 0.6'0 , .*6' ""'0 91'6+ - +"6+.*608'*03+.3+. -' *, 05.*60 018
: ".' 9* 8 .56 8 *6+0 5 . -':0 "8 60*4+*6' 06 50'51 6 ,+ -' *'. ,0 -'.4 - 66+*'
6+'.'5 .0 4 . 8'3+'06 5'.2 19.61'4+, 2+8 - 50 1'6+ - +"6+. ',1050 +*6'4+, B
2+8 *60'0 8, 0.6 8'3+18 8 "0418':+"91':1,.*6'G+14'+2'5 1 0/'3+' +/0"" 8 0 .6'
,19*1: 6'01*6 *+1' *'+ 20 -'.4:1".6 ,+ -' 7.5 *1' & 6,"" 1' +2' J 40 ,+8 I'$0 '
0*16+8 . - 5.* .,+8 9+20 *.61 'E0 - .* 8'3+1('50*08 07.202.6'2.+4' .6 8 40*8'
3+ 550 6 40 -' - +"61 + -' - 0* + -'6 50*4 .' 051 00*6 2+8'1 - * .'.4 40 0* 1*0 -'L
,1 - 5. .2.6' + - 3+0'. 0. -' *60'. ,0 -'06 + 20 -'1, ,+5. 0 06 1 ".'4+4.' - +* 0
* 6. 06'5 1 0/' *60 ,0 "6'06 ,+*4.6 1*0 +.'.* - 18 04 6 1 8 0, 6'3+'51 6 0 - 1'0. *'
1, ,+5.*6'06 *40 6+ - .6 -'50'41 - 08'4 0+ 0*608 *0 - 06.61 0 71 5 6 .' 2'40 9'
*.*6' . - 5.* ., 1' *'' .040 8 .* 0.6 , .8 0 0, 5 0*60'< 3+'51 6 0 - 1' + 20 ., 0 "0 ,'
,+ -' 0"9 8 + 8'06 <+"%+5 1 09 8'5"+8 * - 1' 5.* 8 + 8 - 1 90 .*6 8 ' R0 . -'06
h " - 0 041*,. -' 0,040 0 , .4+8 0 6' 04 6 1 2 + -' "04+8'3+',+ . -'+ 2 8 * 0'
40 .6< 4 2 61 + - '+2' 6 50*4 + -' + 8 *+ - 0 . 06+ '40 9*. 0<+ +8' $1 60.'& '
60"" ' : ".0 06 1*4 .91* '06 1*, 1*.61 + -'3+1 +*4. -'A0 + 6. + -' *60 :0*6+'
,1*:0* 6'+6 4000 - ? - 0* + -' 1"+6 1*0 -'5 .0 0*6'50,+* .'5 1'3+ *3+0 ." "8 5.**18
".*018'" *018 .,' 0 ,18 ., , 50 0*6' %.*40 -'., ,056 8 , , , ,' ' "1 0*1 + - '3+. -'
L50,+* . -', :08 ,1*6+"0 +*6'06 5.** 8'3+18 4 / *.+8' <+ 61'5 06 1'.0 6 - .6 8 5". ,.6'
06:0* .'.'5 1 090 4.6.' 0,1*, " .6' +*6' 5 1'$0*60,1 608 4 0'3+' *' * S ." 'A+ -'
71,'.**1' *, 402.6' &0* .0 4 5"1 - .60 *'2. " .' *.<1 0 0, 6.61'06 1"0 - *'!.0 1'
,1* - .61' 5.*' 51 - 5.8 *'51*60 0 .*1'090 0' $1 60.' "04+8'+"6 - +8'*."*'
+*+8 06 ."60'.*60.' - +*0 0 - 16' +0 .*6'.,'5 .0, 5+' 04 6 1* 8 *,0*61 08 ,1 - 5 0'
70* ' 1551 6+* 6.60 4.6.' 510*.8 "+0 +*6' *40 "5.*' *'U .6.: . -' - ' +6
0560*6 1*."0 -
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0560*6 1*."0 - ' 5 . 60 - ' 3+.0' 0 0' 40 0,0 .6' *' 51 0 6.60 - ' 04 90 0*6' . ", ,1' " & '
&."40 1' 3+ *4,*+50 :0*0 .6 I0140 ' 04 0'<+ "2' ,44 :0 1 6 *0 0' ,+ """
& ' ' *60 ' 718' 6 + - 5718' 06' " ,0*6 .0' 5+2" , .0' 51 - 5.8' 4+ - ' 6.6 1*. '
' 3+ ' *.:0"8' , , 60 ' / / /' *60 ' ?(. 6 *9. - ' 06' < ""1. - ' 0 ; .2. *6' 6. *3+. - ' "1,1'
6+61' 0,+ +8' .9+*6' +50 :0* 0*6 2+8' 0/' '&" " *9.' 06' = , 0.' * +". * 8' , ,+* +* '
4+*6+ ' 06' 0 0' 1 - 08' 51 6' ." 3+14 ,0 6. - 0*' *71 6 + - ' 5160 6.60 - ' :0* +*6' G+ '
+50 +0 0' 0 1' .+6' ". - - 8' 50 0 +*6' .+6' .3+ 87.+ 6' +* ' .+6' *' "+61' 06' " - 1' 4 +'
"+4 .6' *60 ' . +*4 *06.' ".6+0 +*6' .56.0' / :' *.:08' :' : 1"0*6.'61 - 0*61 + - ' 4 5"1 '
1*0' 405 0 .0' ' ". - - 8' .2 + - 56.0' +*6' 5"+8' ,' .0*0.0' 0+' 0 0.0' 60 - ' . . ,7 *.0'
, .56.0 ' *6,*1*' 06' 5 0' 41" +8' ' . - 604 +8' - . 8' 5 .0 04 ' : , . +8' < *' 3+0 *' 6.*B
3+. - ' 1"+6 1 0' ,+ .' - +*+8' ++ - ' .4 - * " .*60 - ' ,".4 8' . , ,056.0' ,+"5. - ' 0< , 6' 0 '
* . 4 *+8' 0*41C.' 140 - ' 60 - 51 0' *1 : .' :0* .0' .' $7 " 551' 0"9 8' : ' 4' . 6'
4' .*6+.0' . 506.*1 + - ' ,1*,0 ".0' ,1*:1, .6 8' 4 * 2|||+8' : " ' 4' A+* +/0"" 8'
,1*,056.' 1 - +". ' . ,' - 1/' *6+0 5 .0' 1"0 - * ' 5 1 - +"9.6 1*0' .'5 1 090' 5+2" , .6+
5"1 - .60' 09 1' 1 - * + - ' 40" 41 + - ' .2' . * *1 / : ' .4 - "%1 + .' 9 .6 .' 02.6' ?*0 '
- *0' .2' 0.' 0/ ,0561 ' * ' 3+ ' 12' .6 1, 6.60 - ' ,0"0 8' .2' 0.' +6' *4 9* ' 0/4+4 ' 4020*6' <
3+1 + - ' 06' " 1 - *.' - +"' ,+ - ' 5 1 - +"9.6 1*0' 0402.*6+ ' ' "090' .551 6.' +6' 3+ ' 20'
*0 , 1' 71,' + ' :0" *6' :0 .' 510* 60*6 .' * ,41' ,1 40' . ,' ,1* 6.*6' 5 151 61' 0 '
1 08' .9*1 ,0 0' 06' *' *+ - ' .*4.0' - .6 8' 0, ,"0 .0' 1 - .*.0' 4051*0 0' .2' 0.3+0'
40" 41 + - ' 06' ,0* + . + - ' *' 3+.8' *, 40 .*6' :0* . - ' - 506 . 0' 60*0.*6+ ' (+2' 4'
60 :0 6' , . +8' 3+ ' - ."1' .+9+ 1' 5+2" , . - ' ".06 6 . - ' ,1*6+ 2. : 6' 6+ 0' *' 3+.*'
: . .' 5+": , 8' 61 - 0*6. ' 051 6.', .*6' 1 6T' *,0*4 1' ,1 056.' < ,+<+8' : ' 06' 5 .' 6+ 8'
.' +*4. - 0 6 8' , :0 .' . / 8' "1*9,' ,+ - ' 50 * , 0' 12 : 1 + - ' 4 " " 0*6 2+8' 06' - .9*.'
5. 8' : , * ' - + ' 4 +6.' ' ,1 - 5"+ + - ' 60 - ' .04 + - ,+" - *.' 4,<04.' 4' /' S ." ' A+* '
. , , 4 6' (0,+*4+ - ' 7.0,' 4 - ' E0 - .* ' 3+ ' $7 " 551' +2' ,1 +* : ' - " 6.'
2.*6' 9 .*4 ' 50,+* .' 5 1 09 8' : /' 6.*40 - ' <+ " ' 4) 1"+6.' 0/' 1, , .""1*0' .9*+8'
?' (. /1* .0' 4+/' .12+ 9 ,) 8' .4<+*4"8' 2' ." 3+16' 504 6+ - ' 06' 03+ 6+ - ' 0/' "" 8' ,15 8'
0' 0"9 1' 4 - " 8' .*4 ,1' .6 ' ,+' .4 - * 6 .6 2*0 - ' 5 1 : *, .0' J .*, ,+8' 5.60 '
,0 "0 .6' +50 6 60' .47+,' 5.6 0' 20""+ - ' * 0 6' < - .966+ - 3+0' + ' ".60' 60 1 0 - ' *15 '
* .61' , . +' *,+6 6' $ - +8' 94' . , , - ' ' . , ,2+ 90* 0 - ' .4+8' - 506+8' *0+*6,' 41 '
2 ' +2 ' 5 .060 ' 15 * 1*0 - ' 5"+8' .* - ' *' 40 0* 1 2+8' 0/50 6+8' 0 6' 3+. - ' +6' 5 - .' '
155+9 .6 1*0' "1,+8' , .5 ' 51 "06' 6 50*4 1' *60 - ' 5 1,040*60' < 3+14' 5 1 - "+ - ' 0/ '
1":0 0' ,+ - ' *1*' 51 "06' 50,+* .0' 40 04+ - ' 4 056 1*0' 155 4' +55"0 0' *' .* - + - '
*4+/ 6' G+1' .41 ' ,+ - ' *+*, . 06+ ' (. /1* , ' , ,+" ' 4+,0 - ' .4' : - ' 5+2" , . - ' . '
' 0*4.*6' <. - ' *' 5 1, *4+' 0 "0' " " 60' 51 6' 4 056+ - ' 155 4+ - ' 06' . , 1 + - ' 24." + - '
,1""09 + - ' 5 .04.' 1*+ 61' 06' .4' - 50 .' - *+8' 1204 0*6 ' .9*+8' ,15 .8' 6+ - +"6+.* '
60 8' 40 0 0 0' 06' *' (+0, . - ' .+ 940' ,1.4+8' 0 6' 1' 4 6 0*60' - 1/' 06' ,15 .0' 4 " '
5.6.0' +*6
& ' A' 1' ' ' (+0,1 + - ' 09 ' 71,' .**1' 08' 5. + - ' 0" 460 ' ,4 0 0' . - ' *' B
:1* .' ,+ - ' ,1".+8' ,7.C +8' 06' 8' $1*6 +8' E. 4 +8' E.""+8' ,+ - ' E0 - .* 8' 06' (,16 8'
, , 60 ' :' , 1 ' 3+ ' +50 1 0' .**1' 0: ." . - ' :0*0 .*6 ' .4' 00 5 0*4. - ' ? h 0 0* '
20 9. - ' - 04 1' *60 ' 0: ." . - ' 06' . : . - ' 6 *0 0' 51 6. .' 5 1 04 ' 4 0*6' 6 - 0 6 ?'
12 4 1*0 ' 60 - 51 0' 50 ' 40 4 . - 6 .* .41 ' 6.*40 - ' 51 6' ." 3+16' 6.8' 155+9*.6 1*08'
0/ 6 1 .' *60 ' E0 - .*18' 06' (,1618 / .' 0/1 6.' 0 6' 3+.0' 06' .4' <+ 6+ - ' 5 20" + - ' 40:0* 6'
*' 3+1' 0/' (,26 8' , 1 1' 50 0 +*6' < ,060 ' ,+ - ' :0/ "" 8' + 8' .4' + "28' 3+ ' h 0 0*20 '
9. - ' 60*02.*6' 66.*8 +906) *6' 6.3+0' 12 4 170' 1"+6.' 56 " ' *0* 0' (+0, , ' 4+,08' 0'
' * 04.

' % ' $ \' + ' 5 * ' > ' TN # ' 4NB ' . ' ' '
/ ' ' ' + A 5 6 ' ' " # ' 8' 4 $' ' ' , 0' > . $' #" 6 ']R '
. ' ' F' ' ' ::

L 6 &' * 04.' .4' +.' 04 0 + 6' +"" ' +,,0 +'P0".6' .4' .5 * .8' , J+ ' 616. - ' . . 9 . - ' .4'
S # ' ' 0: ." .0' + 36 0'51 6.8'0/ ,+ 0*608' :. 6.*6 ' , , ' - 0" 1 ' + 6'525+". + - ' . ,' + 6 ,1 + - '
,1*4 6 1' +2' :1* 8'03+ 6"2+8 ' 3+ ' 06' 5 ' .5 * 8'0 ' " ,0*6 .0' . "+06 ' *0,' + 8'3+ 4, - '
5. ,0*608' + - - .3+0' - 6*. * 6.60' ,+*4.' 4 5 0*60('616.' 0.' .0 6.60'2. , ,7. ' +*6' 00
.4'0/6 0 - + - ' +6' .0: 6 . - ' 50 4 .' ,+ - +". 0 6' 2' .5 0". *" ' 140 - ' 06' 0."0 - ' . ,08'
3+.8'5 1' 6 50*4 8'0/ .4 8' .2'A1. * *0'6 .4 6.8' . , ,050 .*6 ' .* .0' 09 ' 5. , 6,0*65' 2'
,1". 1') *90 *1' 2' " .0' : , . 1' :0*4+*6' / / ,' .+ 01 - - ' , 1' 1"+6 1*0' *' : 'S. '
*6 " ' 03+0*6 8' . * * ' 4 ". 6. ' G+14' 5 2: * , .0' + - - 0' 406 - 0*61 + - ' :1* 8'
5 15+4 1 + - ' 06' 0 - 561 ' * +4+1 + - ' + 6' . - ' 5.+"1' 51"" + ' 4+,0 S*0 1'
R 6. ' " , 06' "" ' 5. ,0 - ' ,+ - ' .*1' 7.20 0*6' 140 - ' 0."0 - ' ' h R0". - ' 06' 5 . - '
6 .4+8' "" +8' - 06 151" - ' .5 0". - ' 5 .0 4 1' 06' ,1 - - 0.6+' * 6 +4 "" - . - ' ".9 6 1 .'
' 5 .0 0416+ - ' :0' 9*. : .' :0' 50 4 .' 404 6 1*0' , .5 +*6' 06'0/51 6+". *60 - ' 40' *<+ .'
.*+ - ' . - 2 9+1' 0 517 1' +4 , .6' +*6
!' #' .' ' ' *' 0"9 1' 1 - * 8,+ .' *' 20""+ - ' .6. : ,+ - ' 00 :1"+6. ' 06' ,+ - '
3+.6 2 ' 5. 6 2+8' *' 5 1: * , . - ' 0/0 , 6+8' - - 66' 51"%06 5 - .9 . "0 .1' 50 ' .990 ,8'
- . ' 1551 618' 3+.' 5. 60' A+" . *+8' 1 - 0 +8' 5 +8' *9 0"%+8' +0 .6U .''60 .' 50 ' , . * . '
"0 8' 3+ ' .4 ' h . - 1*6 ' 06' (. 0 - ' - +* 6 1*08' 06' ' 0 40*41 5 + - ' 51*60 - ' 4+,+*6k'
646 .' , ,+*41' 70*1' 50 ' 2' (,71*1: . - ' - 50*. - ' 06' 5.+"1' * 0 +8' 50 ' 160 1 '
4. - ' * +". - ' ' 3+. 6.' 40* 3+0' 50 ' ' E14.*. - ' , .6. .4. - ' 06' " 0*+ - ' 3+.0' Y .".'
."" ++*6+ ' 5". ,+ 6' +6' # 3+ +8' 50 ' .990 08' .9. - ' 5060 06' J .* , ,+8' &."40 +8'
U . "0 - 0* 0' *60 +8' - . 0' *9 0 "+8' 50 ' 0 40*41 5 + - ' 06' " 0*+ - ' ,15 .8' *6 1 '
4+,0 06' 6.3+0' 5. 6 6.0' *60 ' 4+,08' ,15 .0' +41: ,1' ' .<06.*2' * ' 5.*1 + - '
9*. ' ,' 60 7' 5.*' 0/' ,171 60'A1. * * 8' ' &. 9.0' ' E0 - .*1 + - ' 9*. ' .66 2++* '
6) ' ' ,+ - ' 3+ 2+8' ""0' 50 ' . "0 - 0* 0' - . 0' 1 6: ,+ - ' 06' &."R0*2+ 9+ - ' 4+, 6'
3+.0' "1, .' 06' ." .' , ,+* ' - +* - 0*6. ' .2' 4: . 41' 2' 70 60 1' 60*02.*6+ ' - 1/3+0' 0 '
0/1' 6 *0 0' 0 40*41 5 + - ' 1, ,+5.6' 06' ,171 60' E0 - .*1 + - ' - .6' 06' *40' .4'
40/6 . - ' 50 ' , .*. "0 - ' 3+ ' ' +94+*+ - ' .6. :1 + - ' 4+, 6' 60 ' *9 04 6+ 0 06' ,+ - ' ." '
3+.76+ - ' : .0' 0 - 0* +8' 0 06' .4' ".0: .6 ' ' (1060 :14. - ' : ,+ - ' 4 :0 6 6' ,+ ' 06' &. 9.*"
51 6' 0 * ' ,19* 61' H. - ' *4 " 9,*6 +8' ,+ " 14 ' 1, ,+5.61' *' 6 *0 0' 16.0'
- +* - 0*61 ' 01 .*603+. - ' 40' &."40 ,+ - ' 3+1' 0' ,1*<+*90 0' 40202.6' *9 0 "+3+ 4 '
3+. - ' . , ,05 06' .+4. , ' ,1* " 1' 4+, 6' 06' 71 60 - ' <. - ' *' . , 0 - ' * 6 +4+ - ' * .4+8' "1,1'
50"" 6' 3+ ' ' *40' 0" + - ' 0, 5 6' 0 ,' .<06. *+8' ,+ - ' . ,0 - ' 5 1' 60 - 51 0' - +* '
: "06' 6 4+1' 51 6' .4' 0+ - ' . 0 6+ ' 3+ + - ' ,+6' ,1*:0*0 .6' . "0 - 1' ,+ - ' 03+ '
6.6+' 06' 504 6.6+' 0"9 ,1' &."R0*2+ 9+ - ' 4+,0 0' *' 01' *9 0"%+' E0 * .* ' .2' ?' 3 '
- +*4.' 50 ' .990 08' 5 150' q 0*40" + - ' 5.". *608' 4+ - ' *' : . .8' 6+ - .8' 4 : ' .4' 5 .0 '
4.8' 0 . 0*6' <+/6.' ?') "50*4. - + - ' .2' .9 ,1" 8' "1,1 + - ' 9*. 8' 506 6' : . .' 50 60' 50 '
0 +*6' A+/6.' + 0 - +*4. - ' ' 1, , ' 06' , , , ' , .56 : ' 3 * . - ' .24+4 ') "50*4. - '
. - 5" +8' , , , , ' , .0 ' +*6' 06' *' 1 ".8' +2<04.8' 5 .0, 5 6.6' . ,' 05+"6 ' 3+ 1' &."R0* '
2+ 9+ - ' 4+,0*6 0' E.<06.*+8' ,1*<+* / 6' :0 + - ' *9" ' ,19* 61' 3+ ' .4:0*6+ ' - 1/'
"1,+ - ' 40 0 - 0 0' 06' .4' : ."" + - ' .' +94+* ' 5 .0 4 . 8' +2' - 10* 2+8' 0/ 6 +4+ - ' 0'
0,050 +*6' +*40' ,+ - ' *6 .' + 20 - ' 0, 5 ' 5060 0*6' 06' 5 1560 ' . * *1* .0' 50*+ . - '
155 4.* ' 0,+ . 0*6' 06' ""18' .4' 5 .0 0*8' 6+61' *' : .""1' 0 - .*0 0' 51"%0' 1 60*40 0*6'
*9" ' 5 ,+"+ - ' :0 6' +"6 1' 0' 3+ 1' 404+*6' G+18' ,+ - ' <+ 0' 20"" ' *0, . ' 51 0' 5"0 '
6 3+0' ,1*60*4, 0*6 3+ 550' *+" 1' *60 ' $7 " 55+ - ' 06 " .2067. - 20""1' *60 ,040*60'
6. - ,*' ,+ - ' +2' 4' 60 - 5+8' ,". "" ' 0/' 5.* .' 4+,0' $06 1' 0". *4. ' :0*6+ .0' 0,056+8
*

[illegible]

L' # '

*'51 6+2+8' 6.** .0'66',1*"-0.6+8'.2'A " .2067.'5060*4+8'0"06' ' 0*41C.'7+,' &'
"09.6 1*'4, 6*.6+8'.'5 1 90' -506 .: 6'+6': 6.0'9 .6.' "" 8' 0 ,6<3+1'20*0 , 1'12 ,+8' '
6 4.' 09*.' ., "+8'06' 0,056+ *'06',1- -0.6+-',". "' 5.*.0'4. 06' 0,' +,,0"+'
,1* "+-',. +6' .-' 09*.'0/,+ 0.' +1 +-'60-0 6.60'6.-0*'5 1'9 .6.'08'.'
5 1 090' . 6.' 9 .6 .8' 7.2+ 6<66' 5 1" /0' 1-* . 3+.0'50602.*6+ ?'$7 "551'406+ 6
660 ,.'&."40 +8')"6 .<0 @+ ':0* 6'p06',15 8', ,.'(,71*1: .-'4 6 2+68'51 6'/:'
4 0 +-'-1 . 3' 1* 1 6+-'5 19 04 6+ '- 4' . 6*1' .".',+-' ' 5.*1 +-' ?
9* 8'06'03+ 6+-'-.*+'+6'D "0*0* 0'-+* -0*6+-'.99 040 06+ '3+14' *': .'3+.'
,/0 , 6+' *,040*4+-'0 .6'5 -+-'1,,+ 02.6'& ,+8'0 6' *'.990 0 70*1' -51 61'
3+ '6*4 3+0' "+: 1' *' 5"+ 0 8' ,.*."0 8' 0' , *40*60' ."+ 6+ ' * "6".0' 50, 0' 06'51*60'
".5 405'E14.*.',.6. .4.'&+"91'4 41',".+4 6+ '' *',+<+8' 1*60'5 .0 4 . '41* +-'
0*0 6 .6.-'.4'0<.,+".*418' 4+8'-+* :0 .*6' *' -1'6+-+"+8'0/, 6.6+8'0 .6' 1 ".' 06'
0561' -.6+8'60-5"+-' 60-': ,'6+-+"6+. 8'150 2+8'-+* :0 .*6'5 . 4 4 . '3+.0'
A"1,.' .2' 4:. 41' 70 60 1'06' 'E. * 1 41'60*02.*6+ ' 1<,1' 0/5"1 .61' f."40 +8'
,.".8'50 ,'$06 '$. '2 .*+0"8' .51:.,.0'0 +41: ,' . 0 .0'06' '&. ,' ,+*,.0'
- "608',1-51 6. '06'.4 51*60-'06',060 .'"1,.'.4-1:0 '<+206' 2'53 6'.,0 -+-'
,0 6.-0*',+-' *9"' 09 18'-.9*.': 6+60' 05+" "0*6' *'+660 1 0-' 5.-'3+.'5. 60'
- *+8'12 0 '5+6.2.*6' 5.*'*.6.6+'*.-'*.:08' *1*' +550602.*6'6 .* 0+*6'' *'
15 *.613+0' 71 60 8'.'60 91'.41 6'.2'+6 .3+0'5. 60': ' .4.'6.*40-'5 .0 4 .6 18'0('L
-+* 6 1*0'406+ 2.*6'06' "0*+-' 0' 0, 5 0*60 8' * 0,+6'.,' +9 0*6 2+8' - - 6' "'
0*+-'06'60-5"+-' 5 +-': ',.5 +*6'1,, 8',,' *9" 8' 06' *' 9* 8',.56 8'.63+0' 0/'
8'5.+, 8'.4-14+-'.- 8' ?G+1' .41'06'8' +4'& "".'"1,1',+-' ' 0"9. +-' 69*.'
- 51 61'&."40 .*' (140 :14.-':0 +8'60*4+*6'',+'06' .".',+-' ' "5.*1 + *'
696 8' -51 6+8' *40'&."40 +8'' .9. 6'+ 3+0' .4' .<06.*+-',1*60*4 6' *+50 '01'
51 6' *9"1 +-'404 6 1*0-' 0:0 +-'6 40 *'' .0".*"+ .-'4+,R'"1,+-' *'.990 ,'
-+* 6+- '3+14'6 2+8'5. 6 2+8'.' +41: ,1' .<06.*1' 1 60*"1' -0*91"1' . B
6 *1' .".'06' +4' . 0 .'155+9*. 0',1* 6 6+0 .6' 0 ,' .<06.*+8' .*60' ." 18'5 5'
9 0 8',+-' *,0* .'5+9*.' +18' *40' 06 .4+ +8'5 15 +8' .,,0 ""%06' ,"15506' 4+ 66'
' "2+8'.,,05 6' 0/'3+1'5.+"1'51 6' .9.0' 40,0 "6' 7 "' " :0' 01',. +',1 60 *.61'
6* "60' :0' *," *.6.'<.-'4 0'6+*,'.4+-' *03+0'51 60 .' 60-'"+,0' 04'5 .0 4 . 8'
*140' * 03+0*6'50'*.: 9 .'.4' 45. .6.'2 0".-' 0' 0, 5 0*6 2+8'&."40 +8'-.*0'
"1,1':.,+1?'516 6+ ' 3)0-'5 .0 4 1' "5.*1 +-' -.6'8 06' *+"".'-1 .' *60 51 6.
&". 4 *9.-'60*4 ' "1,+-' 60-'-+* 6+-' *'.990 0' 7.*4' "1*90'.'?(,7 04.-1'15'
5 41'.4' 1 .-' 61'+2'" ,06' -50 .61 8' *<+ "+ ' + 0" +8'$.*71 - 6.*+8 6 +4 8' *'
" 4 8',+-'0 +-50*6 2+8'5 .0 4 . 8' 0" 460 '5+9*.: 6'1,, 8'.-5" +8', , '3+1',.)'
L60 6' "'"1,+-'40 0 +0 +*6' &". 4"*9.'5 .0 4 1' -66.'&."40 +8'$.*71 - 6.*1'
3+.-: 8' 0'20*0'90 6.' .,0 20' +,,0* + 6',/0-5"+-':0 6+8''06' *40 .9.-',15 .8'
' 04+/ 6'+6' 08' .4'2 +94+*'12 4 *0-'*0,0". .8',1-5. . 06' *60 0.'& 60"" +8'
6161'# '60-51 0' *'5+6.*4 8 6 50*4 1 +-' 5.* 8':060 .* 8' 402 61 +-' .6 1* 2+8'
1,,+5.6+8',+-' 8'<.-'5".,.6 8'06' ' 0":06 1,+- '3+18' h ."60 +8' ' 1"4+8'4+,02. '
A 9* 8' 50 I E1 ,+-' 155 4+- *9.0' -51 6+-' .6.: .-' *9 0 "+8'0 6'' 3+14' 6'
65 -0*6 8' *'.990 0'4 51 6 8'5+" .6+-'-1/' -506+'.41',05 6'40 0* 1 2+8' + *.'
40 0 6.'50'*.: 9 .'5. .6.'4 +9 0*6 2+8' %+ *'"1,1'5 .0 4 1' -.61' ' 0 14.-+-'
, 40-' "+: 1' -51 6+-' 04.'4+,R' 1 ".'5 1 +*4.'06'5 .6 8' +*4 3+0', 74+-'155 '
4+- ' 6.'+6'*+"".'0/'5. 60' *' ""+4'40"504+8'0 "06' 9R+ ' *60 041'.990 ':'-.," *.0'
-51 6.08' .4.3+0': 0 20 .6 1*0',+-' 5.*' *' 1 ".- .* -1 0' * "0*608' -+ 1
+2 "0*6

% $ '2 # 2- 1$ ['9 " 2' -'; ; 6$ 8 !' ! ' /2' ' $
U5 0$' $ ' ' ' -"!$ W] ' ' $ [' # , $? '1 $ '9 # ! $
2 !#)$ 2' '- " ! $ E $! / !' ' / "$ 2- ' '; " $
2 $ 20 5 R 9 "$! !2 "$

&6ʽ +2 "0*6ʽ3+0 *ʽ06ʽ50 140 0ʽ.99 04 02.*6+ ʽ5 .0 0 61ʽ"1, ʽ 1 60ʽ 4+ʽ61 - 0 6ʽ *60 ?
) ʽ ʽ 041ʽ 5 .0 4 .6 ʽ,0 6 8ʽ,174R 5* 2+8ʽ4,4 6 1*0 - ʽ ., +*6ʽ 1 +*.ʽ0/0 - 5"+ - ʽ3+ ʽ
. 50 . - ʽ06ʽ +0R0". - *ʽ1 20 - ʽ.4 *9. - ʽ60 - 6.155 4+".60*02.*6 0,+6ʽ +*6ʽ
! 2+8ʽ,1* 04 8ʽ & 60"" +8ʽ *6+0 5 . - ʽ 0:0 6 6+ ʽ4 6 2+6 8ʽ P) "6 .Kʽ04 ʽ & .*.0ʽ
E 0 ,ʽ06ʽ50ʽ"1,.ʽ: , *.ʽ,15 8ʽ A+ +8ʽ06Ù 0 9 +8ʽ *ʽ 1 - 0",* 0 - ʽ * +". - ʽ0/,+ ʽ
0 0ʽ06ʽ.9 + - ʽ:. 6. 0ʽ06ʽ.4ʽ1 - *0 8ʽ,. +8ʽ5 .0 61ʽ0 "0ʽ ʽ3+ 40 - ʽ. 6+8ʽ40ʽ 1 0" 1ʽ15ʽ
5 41ʽ3+14ʽ ." + 1ʽ(,161ʽ60*02.6+ ʽ *60 , 5 ,*41ʽ +,,040 06ʽ 0,ʽ1 - .ʽ *B
60 - ʽ 0 + - ʽ. - ,0ʽ,1 - 51*0*4. + - ʽ .6 1ʽ - "2ʽ.ʽ5 1 090ʽ J 40 ,5ʽ9ʽ$0 0*161ʽ
. - 5 * .,1ʽ) "6 .<04+ - ʽ,+ - ʽ4 5"1 - .60ʽ +/0"" 8ʽ ʽ 4ʽ5 1 - +"9.61<ʽ3+1ʽ9 .B
6 .ʽ0.40 - ʽ3+.0,068 8ʽ06 . - ʽ .6.: 8ʽ 02.6ʽ 3+0ʽ,+ - ʽʽ(.*6."91*4.*1ʽ3+) "6 . ʽ
<04ʽ,.56 :+8ʽ.47+,ʽ.66 *02.6+ ʽ09 6ʽ (04ʽ *+""+ - ʽ." +4ʽ.2ʽ 4 * 2+8ʽ5 1Q4*, .0ʽ 0ʽ
<51* + - ʽ7.20 ʽ516+ 6ʽ3+. - ʽ+6ʽ.*60ʽ1 - * .ʽ0/60 *.0ʽ1 - *,8ʽ,15 .0ʽ0ʽ 0"9 1ʽ4 - 660ʽ
0*6+ ʽ< 06ʽ6+ *ʽ 5 18ʽ40ʽ,1* , 0*6 . + - ʽ" 20 6.60ʽ: 6.ʽ 1 6+* 8ʽ .6 1* 2+8ʽ3+ 2+8ʽ
41*00ʽ 2ʽ,.:0 06+ ʽ.4ʽ 0"9 ʽ 4 *08ʽ+6ʽ40,0 *0 0*6ʽ 0".6+ 18
ʽ A G+ ʽ12 4 1 +94+*ʽ *,71.6.ʽ +0 .6ʽ,+<+8 * 6 + - ʽ .4+ - ʽ.ʽ: S. ʽ
< +*ʽ) 2ʽ5 .00 .6ʽ A1.**08ʽ 1+C.ʽ 1 41: 0+8ʽ: 06*.6." 2+8ʽ06ʽ5 1560ʽ . . - ʽ
0 +4 6 1*0 - ʽ,". - +8ʽ06ʽ,+ - ʽ01ʽ *4 0.8ʽ(,7166+8ʽA1ʽ + :0*:1 4.0+8 ʽ . 671ʽ
ʽ"1 - .0+8ʽ .: R+8ʽ , #%70141 .8ʽ 1* 1 6 +8ʽ06ʽBʽ%70141 ,+8ʽ 1*R1 6+8ʽ
+ 2 8ʽ,+ .61 ʽ 3+ ʽ,+ - ʽ*+""18ʽ5 .0" 4 . 18ʽ7.20 0*6ʽ" *9+".8ʽ,171 608ʽ0/ʽ155 4.* 8ʽ
,1* , 2+*6ʽ %+ *ʽ ,1* " + - ʽ 40ʽ - +* 0*4.+ 20ʽ06ʽ.**1*.ʽ.4 - 06 0*4.ʽ *0+*6ʽ."N
ʽ .+" 1*0* ʽ 09* 6 0 - ʽ01 + - ʽ *, 05.*60ʽ - 1* 6 ʽ +6ʽ" 2ʽ5 1"5 ,0 0*6ʽ - 0*4 , 8ʽ ʽ
*+6 " 2+8ʽ,.5 6 2+8ʽ36 . - 5 - + - ʽ0K04 8ʽ06.4ʽ6 - 0 6 0 - ʽ12""4 1*0 - ʽ + 6 *0*4. - ʽ
.* - 18ʽ12 - . 0*6ʽ*. - ʽ *6 .ʽ 4ʽ60 - 5+8ʽ 0ʽ 5" 8ʽ +5506 .8ʽ".6+ + - ʽ *ʽ+ 20ʽ*1*ʽ
5"+8ʽ,/ʽ - 0* + .0ʽ . - 0*6ʽ 050 6.0ʽ ʽ * 6.3+0ʽ .6 1*0ʽ 0 - " 2 .ʽ5.* 8ʽ *ʽ" *9+"18ʽ50ʽ
2 - 0 6 0ʽ. 9*.6+ ʽ ʽ ʽ,.5 6+ - ʽ *ʽ + 20ʽ 0,0*""6.ʽ 1* 6 6+6.0ʽ 60 - ʽ"0908ʽ4,ʽ
51 - 8ʽ +4 2+8ʽ.,ʽ".40ʽ*1*ʽ:0*40*41ʽ* "ʽ5 +8ʽ2+6; 1ʽ *40ʽ,1.41ʽ S+ - 0 .6.ʽ ʽ
+*6ʽ06ʽ ʽ,ʽ50,1 .ʽ06ʽ5 .060 0.ʽ/,ʽ03+ʽ 051" 6 ʽ3+ʽ *ʽ5+2" , 8ʽ 6.2+" 8ʽ.4ʽ+ +8ʽ
20""ʽ."0 0*6+ ʽ * 6 1ʽ"0: 2+8ʽ5 10" 8ʽ,0 6.6+ - ʽ2ʽ 3+ 1ʽ . "0 - ʽ5 .0 041ʽ06ʽJ0 ʽ
4 *.*41ʽʽ .*1 1ʽ +5 8ʽ,1 - 6,ʽ *60 - ʽ155 4.*18ʽ50ʽ" 60 .8ʽ06ʽ *60 *+*, 18ʽ .4ʽ .,?ʽ
, 5 0*4.8ʽ,1*4 6 1*08ʽ.ʽ 090ʽ12".6.8ʽ 1" , 6.*6 2+8ʽ ʽG+ 2+8ʽ ʽ - 10* 2+8ʽ."6.ʽ:1,ʽ
0 51*402.6+ ʽ , 0ʽ 0ʽ,1*" " + - ʽ 5.*1 + - ʽ0"%0ʽ . - 0ʽ155 4.*18ʽ .4ʽ404 6 1*0 - ʽ
,1 - 50""0 0ʽ 04ʽ + 6 .ʽ018ʽ 1 0ʽ3+. - 4 +ʽ,.*0 8ʽ".6 .*60 8ʽ06ʽ:.,,.8ʽ *6+8ʽ - +9 0*60 8ʽ
.+4 0*6ʽʽ3+.0ʽ06ʽ,060 .ʽ .4ʽ0 + - ʽ+2ʽ40 0,0 *6ʽ +50 0 0ʽ5" 8ʽ2 .,7 + - ʽ" * 6 + - ?ʽ
,+<+8ʽ0 +ʽ: 4+ - ʽ.4ʽ0/6 0 - + - ʽ61"0 0*6ʽ 4+ - 40/6 .ʽ 0.4:0 +8ʽ, +40"0 8ʽ6; .**18ʽ
40 0*40*6ʽ3+.0ʽ1 - * .ʽ"ʽ6.*40 - ʽ40 , .*6ʽ3+14ʽ - * - 0ʽ50 0*6ʽ ". 0ʽ5" 8ʽ .4ʽ,/? ʽ
6 0 - + - ʽ *04 .ʽ516 +8ʽ: 6. - ʽ * 0ʽ3+. - ʽ *ʽ71 6 + - ʽ6 +,+",*61 + - ʽ - .*+8ʽ40:0* 0ʽ
4ʽ 0ʽ,.04 + - ʽ*+50ʽ . "0 - ʽ . 4.0ʽ=+657.* .0ʽ06ʽ 0,7" * .0ʽ5.6 . + - ʽ - 0?ʽ
- 1 08ʽ.5+4ʽ 0ʽ40, ,: "0ʽ516 + 3+0ʽ+/1 08ʽ" 20 18ʽ06ʽ+ 20 - ʽ5 . - ʽ,1 - - +*ʽ *,0*ʽ
4 1ʽ.2 + - 56+ 18ʽ3+. - ʽ,1* 0* + 18ʽ+6ʽ+ 28+" 8,1*4 6 1* 2+8ʽ71 "ʽ6 .4.6+Sʽ (0B
,+*4+ - ʽ7.0,ʽ,+ .ʽ,7. 6.,0.ʽ - 1*06. ʽ+6ʽ +50 1 0ʽ12" 4 1*0ʽ .4+ - ʽ +0 .6ʽ,+ - ʽ *ʽ
, 56 2*0ʽ = ʽ 7 ʽ 0ʽ3+. - ʽ12" 4 1*0ʽ 5"+6.ʽ *ʽ . 90*60. - ʽ21*.ʽ
40ʽ - +6.:0 +*6ʽ + - ʽ +60 0.ʽ52 0" ʽ .+ 1*0 "0 - ʽ, 02 8ʽ3+*, 8ʽ40ʽ.+/ " 8ʽ *ʽ
60 50"". 0*6ʽ6.*40 - ʽ,1* " + - ʽ 50, 0ʽ *7+ - .*+ - ʽ 04ʽ.4 - 14+ - ʽ + 8ʽ 02+8ʽ+6 "0ʽ
+94+*0* 08ʽ,.5 +*6 40ʽ,.6. .4 8ʽ.50 0*4 8ʽ06ʽ.3+.ʽ50 1 " 8 1 .0ʽ06ʽ ."..0ʽ.990ʽ
2+8ʽ *ʽ +2<04. - ʽ5".* 6 0 - ʽ *ʽ3+.ʽ+ 28ʽ 6.ʽ0 6ʽ - - 660*4. ʽ 43+0ʽ .+" 1*0* ʽ
5 ʽ06ʽ 4 *+ - ʽ,1* " . 8ʽ5".,+ 6ʽIʽ,+ - ʽ4 ,0 ,*6ʽ<.4+ . - ʽ ʽ "1 0*1 + - ʽ !

3+.0
% $ ʽ? ʽB . ʽ ʽ ʽ 6 ʽ ʽ5 ʽ ʽ .ʽ ʽ ʽ ʽ> ʽIʽ, .
? ʽ& ʽ ʽB $ʽ 2% ʽ 04 ʽ ʽ ʽ 0ʽ ?* .ʽ ʽ 4ʽ ʽ A0ʽ
ʽ ʽ(\ʽ ʽ $ʽ ʽ ʽ! U ʽ I+.ʽ ʽ ʽ 06 ʽ \?B) 6A# N
Vʽ . /ʽ ʽ ʽ Vʽ 0ʽ ʽ% . ʽ ʽ ʽ ʽ ʽ5 ($ʽ ʽ B
U ʽ5 0ʽ. ʽ ʽ ʽ4 .ʽ ʽ ! ʽ ʽ $ʽ ʽ - ʽ ʽ 8N ʽ - ?&& ʽ ʽ ?

(%) ' 6 ' pn

37.,' " .' *+*4.6 1*0' .,, 50 06+ '5. :' ., 0*4. - ',1*6 .'" 20 6.6 8' : 6.0' .,' 1 6+' &
' % %)(' ' . * ' # % '* * ' '; . '
: 6+60 - ' 6.3+0' 40"09.6'0/' 4 *+ - '40, 061 '3+' 4'5+2" , .' .+41 6.6,' + , 50 0*6
, :1, .6 8' 0/'# .66 ., 17. - ' * +)8' +41: ,1' 1 161' 50 ' ;' h ." ., 0* . - ' .4 .*1
' h ""0" - 1' 50 ' = ,C0. - ' - . 8' 5 .0 04 8 ' 3+ ' ,+ - ' "1 , , ' * .+6 8' ,1*6 *+0' :0*0 0
5"+8' 3+. - '*' 1 - * 8' 90*0 8' - ., 7 * 8' .70*0 8' 06' 0 0 8' 1*+ 6 8' '0. *' 0 - '<+/6. 1
60 14.6*+ - ' , 6, 60 ' U , ,' * .: ,+".0' 5". 8' ,. * 8' * 6. ' .4+. . + - ' * 6 +4.0' 0 .*6
3+.0' / ' / ' / :'06' / : '61*" 8' 0 - 9.2.*6' 4:0/0 .*6' 06' + - 0*6. .8' * .:0 8' ,1 -
- 0 .6+ ' - 51 6.*41' - + ." 2+8' 61 - 0*6 8' 6 40 - '1* 6.8' 3+. + - '+*.' 0 .6' 6 +4+ .
" 9 8' . 0.' ' 0" , .' :+"91' .550"".6.'3+.0' 0' * .: 2+8' 4+.2+8' " - +"<+*4 8' ,1 - 5.4.?
*03+0' :0" 8' *03+0' 0 - 8' 04' *6+8' ,1* 6 +4 8' 16 8' 3+.8' / ' 05 2.6.0' 61 3+02.*6
- 50""02.6+ ' 40' ,060 1' +*4 3+0' ,".+ .' 06' ,1*6 .' - ., 7 * .0' - *1 8' 4+8' 6+6.'< 6.*
6+ - 3+0' 6 +4+ .0' *1 : .0' 12+ '0 .6' +6' ' 5 .0"64 . ' 7 .,' - ., 7 * .'6.*3+. - ' 5 15+9
* ., +"1' 40 0*"" 3+1, +*3+0' 6+61' ,1 - - 0. 0' 06' 71 6 + - 155+9* .6 1* ' 0 60 0' 51 "0*6
1,' .55. .6+' .4' .990 0 - ' :0* +*6' * ,71.6.' .' ' 16.' "+ - *0' * .: 9.6 1*0') - +* '
- 0*6 3+0' + - - .' ,0"0 6.60' ,1* 6 +4 8' - +"6 8' 5. 6 2+8' .990 0 - '50 14 +*6' ' .63+0'
*40' (140 - 0 . - ' 3+. - ' ' ." .60*02.6' 506+*6' 5.* 8' 3+ ' 018' *,0 02.*6'
51 6' "0: .' 5 10" .' 51 6 0 - 1' 05+" 8' &."40 +8' 3+ '"0*6.' 155+9* .6 1*0' 12 0 "28' .4'
404 6 1*0 - ' ,190 0' *' . - - ' *4+/ "06' - +* - 0*6.' .4' + 20 - '0/ 6 +/0 .6' 41*0 8'
"1 , 8' 3+ 2+8' .4 6+8' .4' 0. *' 1 - * ' 0/' 5. 60' *60 ,"+402.6+ ' 06' 5 .0, 5+0' *' , .*."
'3+ ' 0" 8R +94+*+ - '4+, 6' 04 1' 3+ 4 - ' 6 *0 0' +*+ - ' . - 5" " - + - ' J ' "4.*.'
6+02.6+6'< 06' ' 0 3+ - "" . ' .2' + 20' ."60 + - ' .4' . - .0' 51*60 - ' 3+14' D . 1' ,+ - '
+.' ,171 60' 60*02.6' 06' 0/' .4:0 5' 2.+4' 7 * ,'"1*90' 60 6 + - ' .4' V 0 40*41 5 + - '3+. '
6+ - ' .4' - 1".6 * . - ' *' ". ,+' B' 1 4. ' 06' +"6 - + - '40* 3+0' .4' ' (1060 :14. - ' G+.0'
- +* - 0*6.' .+6' +50 + 8' .3+ 8' - 0 90 0' .+6' *40' 5 .0 4 . 18'< 3+1' + 28' 12 4 1*0'
2":0 06+ ' 50""0 0' *0,0"%0' 0 .6? 2'0 02 1' ,0 6.6+ - ' .4' 1 .8' 3+.8' 5.*'<+/6.' + B
20 - '4+/'0 .*6' *0' 155 4.* ' .4' "09+ - * .' 0, .*4.' 06' 206.8' 5 .0, 5+0 '3+.0' - - .*' , .$'
6+4 *0' ."6 6+4 *0' 8' "1, 8' * . 0++*6+ '09 040 0*6+ ' .8' 0 : .2.*6' ' .*+0"' .'
51 : ., .' 06' A1 '&. 9. ' + - 3+0' / :'S." ' (0/6 " ' - .9*.' : '155 4.* '0 +5 !%0*6' 51""' ., 0'
,0 6. - 0* ' 60 6+4 *0' .4". ' ., ' 5"+60 8' 3+18' .44+/0 .*6' 604 '? : .""+ - ' .' . 1*0' .4'
' "1,1 0*. - '4+4+ - ' +50 .*6' 06' 5.*18' 50""+*6' % 0 - 0 - ' 06' 155 4.* ' 6 +/0 '
+*6' 06' .4' , .*." 8' .+,0 8' 51 0 .*6' +*4 3+0' 604. - ' 06' 61 - 0*6 8' .,' ,"15506. 8'
09 09 0' - +* 6. - '< 3+.' 50,1 .' 06' . - 0*6.' .4' 5. ,+.' 0 - ". ' .' ,1*6 *+ 8' 09 1 + - ' 0/ '
,+ 1* 2+8' 40 0*40 0*6' 2 06' .05 +8' 5+9* .6+ - ' .03+.61' 5"0 + - 3+0' 4. - *1' (0 '
, 06.' 06' .' &."40 1' 40 +94+*1 *60 , 5 0*42' 06' 0" 68' 7.2 6.' ,1* " .' ' 3+.0' 6. - 0*'
0:0*6+' ,. +0 +*6' %.*40 - '50 1 8' .990 2+8' " ' ' 1 " ' +9+ 6 ' 06' 03+0*6 2+8' 4 0 '
2+8' ,+ - '0/0+*60' - 0*"0'<. - ' .3+.' .4' 0. *' ."6 6+4 *0 - '0/, 0: "06' +6' * .: 9 .' 6 . - *0'
1*+ 6.' ,1 - - 0. 0' 51 "0*6 '6. - 0* ' .3+.' .4' .990 08' 7.0 0*60' ,+ - ' ,1 - - 0.6+8' .4' + 20 - '
+ 3+0' ,1 - 51 6. ' *1*' 51 "06' ? "4. - 0*" 8' .990 ' .50 0*4+8' + 66' 6.3+0' \' E1+4.* '
5 .0 4 . ' - .9*1' *+ - 0 1' 09 0 ' .4' 15+8' 0' ., , *9+*6' ' 1* ' (056' 04' .2 "5.* 8'
*60 6+ 2.6 ' + +8' <+/6.' (1060 - 0 . *' .990 0 - ' + - 5+*6' < 3+1' .41'6.*6.' *+*4.6 1'
,+6.' 0 6' +6' ,". " 8' .+/ " . 8' 3+.0' ' * .: 2+8' ,1* 6.2.6' *' 3+ 2+8' / / /'6 0 - 08'
0 .*6' - ' 4' 0<+ 40 - ' - 0*" 8' .03+1 ' ""+4' *+50 ' +4 0 + - '*+*,' +2 6.' 1 - .'*1B
:+ - ' - . 0' *9 0 .' " 6' 0" 4 8' 3+ ' .990 0 - ' 3+.' *9 0 ' +0 .*6' 4+4. 1"%.' 06' 5 .0 '
"4 1' : ." 41' 6 - .6.' 0 : . 0*6' %+* ,' - .' 0 + - ' ., 08' .55. + 6' + 6 , 8 3+1' +90 0*6

' ,+ -
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A"%'4 1*0 +9 +*+-', *4+-'60*02.*6'*+*,': ,0 :0 .' *6 .'-+* -0*6.' +.'.3+. +-'
:'12 6"8' &."40 +8.4(1060 -0 .-',+-' +8 0,1*6 ./0 .6'+6 *',. +' *15 *.61'
1' -04 1, 60'50 ,+"78' 96+' .4 (1060 -0 .*+-'51*60-'3+.'6 .* 0+*4+-'
2'5+6.2.*6 .+/". 08'5 -1'5+9*.6+-' 2'0/'5/.0 04 8'*.: +-'50 0 +*6# .60'
:"".'06E "0 0 +86 2+* ."" ',; -2.' *:0 .' +2-0 ":' + .*4+8'3+',+-' "" 80 .6'
.4 ,". 0-'0*.6.: 6' .9*.'06 .-' +-0*6. .'*.: 84 ,0 56.'06' (04',' .+ 1',1-\'
-14+- ".*60,+-'.3+.' -+"6+-', 0: "06 '&. 60 "+8,1* +"'3+.'0 .6 *4+6 .'.'
515+". 2+806 .-'0414+850 50/ 6'*03+.3+.-'15+80"0 +2'51*60-'6 .* 0' 04'
*60'(1060 -0 .-'06U 0*6+ .8 -04 . .': .-''(09+. 60* 0-':+"91' 4 4.-'5,60 0K
06 . "+-568 ,".-' '.4+. 8 *.: 2+8'.,'40"04.' 650*4 . 1 +-' -.*+'01'60*46'
9 1 161' *'51*6812 41*0'3+0 *' +41: ,+8 $ -0*6,""+8 . 0 .0' 69* 0'6+,'
2.6+ ' 0"41' G+1',19* 61'E0 -.* '3+' 0*6+ 80 .*6' 6.6 -'"1,+-'40 0 +*6'06'
(1060 -0 .-',1* +9 +*6' A 1,+-':.,++-'-1/'? .*4 0 +86 2+*+8,+-' '40"04 8'
1,,+5.6' .40-'; .'R 06+8,+-'. 0.'' 0"0* ' *,1"+- 8.4(1060 -0 .-'.55+"6K
3+0 *' -. 85 .0 04',+-' 0"3+ 8*.: 2+8 +2 0,+6 ' * 6*0 0,+-' 5.* 8."3+1'
608,1* 0 6.'5+9*.<51 6 0-1'5.60*62+8"1, 80/51 6.,". 0' 012 0" 8 504.*418
5 .020*6'01 3+0': 2+806 .* - 8 5 1560'0/6 0-.-' .-0-'5.0*0 40 , 0*60 8 .4'
,1* 6.*6 .-' 50 5 1/ -.0"20 6.68,1* R-.*6' A.-'.2 * 6 1' .**1*.0 0+ .61 ,8
5. ,0 .4-14+-'5.*0-' .4-06 02.*6+ ' +-3+,'.'/: 'S."' 4 '*0-1' ' .*60'
4 02+8 5.*0-'9+ 6."06'06,. * +-'0 +': 6.-'12 0""'61"0 . "0*6'6.*6+-'5 1'1-*'
: .6 ,1' 69+"8 4 02+8 0"2 .' -., "0*6.0,. * 8:.,, *.0 06 03+ *.0 - -.*'5 06 1'
4 6 2+02.6+ ' 1'60-52 0 0"+-',.60""1 +-' -+ +-'<.-',. *08 40 0 0 .*6'06'
60*+ 1 08 5.-5 * 8 : 6+-'06 .". .-'. 216+-' 1" 8 ."0 06 .-;"1',1*4 68: 4 6.'
2.*6' ,1 6 , 2+8 60-'5+6.- * 2+8 06 5 0 +-' 3+.- 8 *60' -0*6.' ,1 . 8'0'
a 2+8 40* 3+0 :.,,. +-'03+1 +-',.*+- ,14 8'06.3+.' +2.4 8 +,,1'0/5 0 2'
0 : 6.-'06 .-'0/'2 ." ,.0 "3+ 8,13+02.*6'.2 *67 +-'06 +6.-'"1,1'"+5+"'.4'
7 20*608' 8 .*9+ 6 8,+-',1* "4. 0*6+'12 0 '.4: ' 1 -1 2 8516 +8 0/': 9 ".'
06 .-0 ,1*6 .4 83+.-' 4 2Z8 50 0 +*6< ,6 *60'0185"0 .03+0 5+0 50 .0 5 .0 .*'
9+ 6 1 0 2T .21 6+-' 0,0)* '3+ 0 3+ 2+8 6.*6+-'3+.4 .*8 "2 .0 2+,,0"".6'
4 6 2+02.6+ '3+' +50 "+0 .66'018: 40 00 .6'4 666890* 8'1 05.""41',.4.:0 1".'
., 0'-., "0*61'01 51 0'6 0-+"890* 2+8., 060'".5 .666 2+8:0 6 9 8 *,040 0' *40'
:0 01 1 0 504.,+6' :0&0*6+ '-06+'5"06 3 '*+6. 0 40-''."18.4'6+ 2.8,1 0''
5. "-' *60', :0 8 -+ -+ .'.+4 '12".6.8.'D$0 0*161'06 .*1 2',1*4 6 1*0 .,?'
, 5 0*4.8'*.-'.4 3+.0 0 0 :. '* '+',+-'0/6 0-.0 5.6 0*6 .0 50 ,+"+-' 0,0'
*6'9 .6 .0 39 .4 .': 8 .+41 R.60 06,7.6 6.60 0 9.'5.6 .-'5 .0, 5+ 85 1- "%.02,'
*0 , 1'40 .+40*6+ '065 1'50 : ,., .0 +.05 .,6* 1'<+ 6.0 5.*1 +-'+"6 1*'0/'
51*.*6+'' 1*6 .'7.8:1,08'0+-'08 04 6 1*"X 15 1 '0 06':."+0 0 5 0,08# 1+_.,'
1 41; 0'5 .0 04 ' .+41 6.60 06 7+-.*R.60 *60', :068,1* 5R+ ',0 6.'.+/"1'
+-'3+.0.*60 1,+"18 12:0 .2.6+ ' 50"+18 1)*6 8' (04'5 .0, 5+.' . 6$06 'D> ,'
'4 R* '01* 6.*6 .'3+' 0 6+* +"6+.*6 +-' -+"6 6+4 *' * 0 0*8 +"6 1',.5+6 126+"6'
40-'3 . *' 0-00 4040 6' : 6.0 50 ,+"1' 0 .4 0/6 0-+-': 6.0 5 6+-' *609 .-'
0 :.6+ +-'4 4 6.*8'*00:. ,',+ . 0',+-' 0-0" -1 0*4+-' 6' ',1*0 : +-'.+6
71 6 .-'9".4 1',.4.6'3+ 550 3+'21*.',1* 0 0-".'* / 8*+"" +8 05 070* 1*0-'6'
0 06' < ' 0 51* 1 60 6' 0+'5".,.6 '3+'01 0 .*6'41-+-'3+ "3+0 6.-'6.,'
,1*,0 "0 0' +-'."3+16 4 02+8 .+/". 08:0"+6' *'.*,71 8 606 0*6'.4:0 1'.3
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0 & S' '+ 1 6 ',$6 ' &$ ' 3 ' :!$#' # # ' $('
2] #$ 8 ' '; " !#$ L ' # !' ' 2# # !' #$?; # #8# #2
7 ') (' " #& '' ' ' .(56' ^ 33' 0

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,6 . - ˁ +94 . * + - ˁ &, +8ˁ ,1 - 56 6ˁ 0 6ˁ= " ˁ +6ˁ, " . ""8ˁ S - ˁ . 4ˁ ˁ (406 44.666 06ˁ *A0ˁ &
60 40*41 5 + - ˁ 5 1,0 "2 ˁ ˁ "1, . ˁ & . "40 +8 ˁ 3+ . ˁ 5160 . 6ˁ 4 " 90*6 . ˁ - * 02 . 6 ˁ G - #
(04ˁ , 0 ,0*60ˁ *ˁ 21 . 8ˁ . 3+ . ˁ ,+ - ˁ < . - ˁ / ˁ 5 "" ,) " ˁ 0"J06ˁ . 4ˁ / / 6 " ˁ 51"" ,48ˁ . 0 6+ˁ +2
W+*60ˁ *6+ - +0 . 6 ˁ 6 . ˁ +6ˁ * + "" . ˁ 508ˁ 0 06ˁ . - 0 * ˁ 6*+) 66 0* ˁ +4 : 0 +8ˁ , " . "%0 - ˁ 6+0*4
6 . 3+0ˁ & . "40 +8ˁ (10 , : 14 . ˁ 0" 6 . ˁ 3+ . 66 ˁ 6 . 4 - ˁ . + / " . 08ˁ * 040 + * 6 ˁ . 4ˁ 0 40*
41 5 + - ˁ 0ˁ 0, 5 6 ˁ 6* . * 4 . 61ˁ 4 . 61ˁ 1 9 . 0 ˁ 3+ ˁ . - . 0ˁ 0 . 6 ˁ +6 ˁ 3+ . * 41ˁ 508ˁ * + "" . ˁ . + /
" 1 - - ˁ 0"%06ˁ 2 ˁ - . 6+ 0ˁ 11* "0 06 ˁ 40 - ˁ 06ˁ - . * 4 . 6) - ˁ , ˁ " 1* 1ˁ +51ˁ E . ""1 ˁ A . -
ˁ . ˁ ˁ ˁ % ˁ # E ˁ ˁ $ ˁ * ˁ ˁ ˁ ,
* . ˁ + 2 8ˁ 51 6+ - ˁ 3+14ˁ *9 0"%+ - ˁ 5 17 202 . 6 ˁ : ˁ 0/5+9* . 0*6 ˁ - 1* 6 8ˁ @ . - ˁ . * 60ˁ 50
,1"+ - 2 . - ˁ *ˁ + 20 - ˁ ,+ - ˁ " 60 8ˁ - " . - ˁ 3+14ˁ *ˁ 2 . , ˁ +6ˁ *ˁ +50 1 0ˁ . "0 - ˁ 12
4 1*0ˁ + + 5 . 6+ - ˁ +0 . 6 ˁ 155 4 . * 8 ˁ +6ˁ 0140 - ˁ 60 - 51 0 ˁ 3+1ˁ . - . - ˁ 155+9* . 0*6
5 ˁ 0 +56 1*0ˁ . 4 . ˁ , . " . 8ˁ . 60 91ˁ . 4 - 1 : 060*6 ˁ *03+0ˁ 5 . : . 0ˁ - 1" 8ˁ *0916 + - ˁ : 402 .
6+ ˁ 06ˁ . + / " . 08 ˁ 3+ ˁ 12 0 28ˁ . 4ˁ 0/6 0 - . 8ˁ . *9+ 6 . 8ˁ 04 . 618ˁ , 0*6 ˁ ,+ - ˁ ,1"+ - 2 .
0 +8ˁ 0 : 1" . "06 ˁ 404 6 1*0 - ˁ . 6 . . ˁ 02 . *6+ ˁ ,+ - ˁ &ˁ 1* ˁ 6ˁ 5 . 060 ˁ 50 - ˁ - " 1
0 / ˁ + 20ˁ 5+0 1ˁ 06ˁ . 2ˁ . " . ˁ 5 . 60ˁ 50 ˁ 0/5"1 . 61 08ˁ . ˁ 1 16 ˁ 5 . 0 - 18ˁ +6 *3+0ˁ 61* 6 6 6
5 . *18ˁ . - . - ˁ *1 6+ ˁ 40 0 - "0 ˁ G+1ˁ , 9* 61ˁ . + / " . 08ˁ 6 . 6 - ˁ 0,040*6 2+8ˁ *?
6 60 0 ˁ 3+ ˁ 5041 0ˁ 60*+8ˁ . 3+ . ˁ 0/6 . *608?ˁ *ˁ , ,+ - ˁ 3+ . *6 . ˁ ,0"0 6 . 60ˁ 5160 . *6ˁ 0 : . 40 ˁ
2 . *6 ˁ E . ""+8ˁ 06ˁ 1 9 . ˁ ,+ - ˁ Vˁ : "ˁ ,17 6 2+8ˁ 50 ˁ ˁ h 1 ,16 . - ˁ 60 ˁ 7 . 2+0 0 ˁ 04ˁ 6 . ˁ
,1* + 8ˁ 1 4 * 2+8 ˁ +6ˁ - +"6 ˁ . +6ˁ . 3+ . ˁ 7 . + 6 ˁ . +6ˁ 5 . " . *608ˁ ,1*6 8ˁ 0 0 8ˁ . 2ˁ * 03+0*6 ˁ
2+8ˁ 6 . 4 ˁ - 0 0ˁ 50 0 *6 ˁ $06 +8ˁ DE . ,1*+8ˁ 1 9 . 0ˁ 0*6+ 4 ˁ ,+ - ˁ ##ˁ 5 0ˁ ,1*64ˁ
6 . 4+8ˁ 06ˁ 9 . : 60 ˁ . + , . 6+8ˁ 0 - . * - 8ˁ *ˁ , ; - 2 . ˁ *60 ˁ - . *+8ˁ 71 6 + - ˁ < . ,0 06 ˁ +6ˁ - 1 ˁ
6++8ˁ , 040 06+ ˁ 4+ - ˁ ˁ 3+ ˁ *ˁ , ; - 2 . ˁ 0 . *6 ˁ . (8ˁ +* ,1ˁ 6 . 70*4 8ˁ 1, ,+5 . *6+ ˁ 5 0ˁ *ˁ
50408ˁ 050*6, ˁ 0 9 6+ ˁ 06 ˁ * ,19 6 . *60 8ˁ + - - . ˁ : 6+60ˁ . 99 0" + 8 ˁ 7 . 6 . ˁ 5 . 05 " . 6 . ˁ
3+ . - ˁ . 47+, ˁ 90 02 . 6 ˁ 6 , 8ˁ 0/ˁ 8ˁ *60 , 6 ˁ . " 18ˁ . "6+ˁ *ˁ . 3+ . - ˁ 0ˁ 40 - 660 0ˁ ,109Rˁ <
06ˁ 6 . ˁ , ; - 2 . ˁ ,1 - - 0 . 6+ ˁ 1*+ 6 . ˁ 516 6+8ˁ . 4ˁ +18ˁ : 41 ˁ 0 : 0 6 6+ ˁ 12ˁ 4ˁ . ˁ & . "40 1ˁ - +" ˁ
6+ - ˁ " . +4 . 6+8ˁ ˁ 06ˁ ,0 60ˁ - 7 ˁ 4 9*+8ˁ : 8 ˁ 3+ ˁ "0*6 1ˁ - * - 0ˁ 5 . 060 - 660 06+%
- " . ˁ . 2ˁ 5 . * 8ˁ : ˁ 61 - 0*6 . ˁ *ˁ " - 1ˁ 40 1 . ˁ ˁ 3+ . 0ˁ E . "5 . ˁ ˁ . 6 +8ˁ *ˁ 60 - 51 0ˁ
+24+,0 0ˁ *1*ˁ 516+ 6 ˁ 2 6 * . 6 . ˁ & . "40 ˁ 50 * . 4 . ˁ . 4+ - ˁ 4 ,+*6 ˁ +6ˁ 12 0 ˁ . 4ˁ ,1* ˁ
4 6 1*08ˁ *1*ˁ 40 : 0*0 *6 ˁ 3+ ˁ ,1""13+ . ˁ . 8 . - 5 * . ˁ 06ˁ . *1 1ˁ * ,71 . 6 . ˁ 3+ . ˁ
""+ 1* 8ˁ 5"0* . ˁ . 05 +8ˁ *60 6+ 2 . : 6 ˁ 3+14ˁ 4+, . ˁ 0 - 0"ˁ 40ˁ 0/5+9* . *41ˁ +94+*1ˁ
, . 56 . 40,+8ˁ ""+4ˁ 2 ˁ 0 5 ˁ *1""06 ˁ 43+0ˁ "" ˁ . ˁ A+" . *1ˁ 1 - 0 1 ˁ ,+ - ˁ . 4ˁ 0+ - ˁ . 4ˁ 0 ˁ
,0* 0*4 . 8 5 . *1 + - ˁ "09 1*08ˁ . ˁ 5 1 090ˁ - +8ˁ 0 06 ˁ 0/5 12 . 6+ - ˁ , 2 6ˁ 0*41C .
(. *0ˁ ,+ - ˁ +18ˁ . 2ˁ 12 4 1*0ˁ . 09 0ˁ 404+,0 06 ˁ +2 *40ˁ 10+"18ˁ 50 ˁ - +* - 0*6 . ˁ . ˁ "0ˁ +* ˁ
4 3+0ˁ 0/6 +4 . ˁ , ,+ - 0 0*8ˁ . "61ˁ + 5 1ˁ 4+41ˁ , . 60"" 8ˁ "" 8ˁ : . "0ˁ 4 / 0ˁ 0 6 ˁ ˁ 3+ . 0 ˁ
*1*ˁ 71 6 + - ˁ : 6+60ˁ 5+" +8 ˁ 04ˁ . 3+ . + - ˁ : ˁ : 4+8ˁ 0" *3+0 0ˁ ,190 06+ ˁ . 9* . ˁ 06ˁ
* , 04 2 " ˁ " . 06 6 . ˁ 1 16+8ˁ *ˁ + 20 - ˁ . , ,056+8 ˁ $2 6ˁ - +6+ . - ˁ 61 - 0*61 + - ˁ 0 6 . - ˁ
4 5"1 1*0 - ˁ ,1 - - 0 . 6+ˁ - 51 6 . 61 ˁ ,+ - ˁ 5"0 3+0ˁ . - 0" , ˁ . : 4 +8ˁ 12" . 6 8ˁ , 2 8ˁ +60 ˁ
0*6+ ˁ 2 ˁ 50 * , 0 - ˁ . 66+"0 +*6 ˁ $"+8ˁ , 1ˁ 0/ˁ 5 . * 8ˁ 50 0ˁ - 0 . 1 . *6 ˁ 3+ ˁ 08ˁ
"" . 8ˁ , 5 0 0 ˁ . 44+*63+0 ˁ 3+14ˁ 06ˁ 0*41C . ˁ , 2 6 ˁ 0 . 40 - ˁ *140 ˁ 3+ . ˁ "5 . * ˁ . ˁ
0+ - ˁ 5 15+9* . ,+"+ - ˁ 40 0 +0 +*6 ˁ 5 . 60 - ˁ - + 1 + - ˁ + 2 8ˁ *60 ˁ & . , , . . - ˁ 51 ˁ
6 . - 06 + 9+*4 , . - 6+ - ˁ / / : ˁ 40,0 - 504 . + - " . 6 6+4 *0,1 + 0,+ - 51 - 10 16ˁ
6 . ˁ +6ˁ +94+*0* 08ˁ 5 15 +8ˁ 0/ 6 1ˁ +0 *6 ˁ ,+ - ˁ : 6 . +*6 ˁ 3+ 550ˁ ,+ - ˁ - "08ˁ *ˁ + 2066 ˁ
. 50 6 . - ˁ 6 . *6+ - ˁ 155 4 . * 8ˁ *04 . ˁ 5 . 0*0ˁ 0*04 8 ˁ *+""1ˁ 5 . 06060 . ˁ 5 . 0 4R@ - . 6 . - ˁ
50< ˁ 0 . *ˁ + * . - ˁ - - 50 0ˁ *+""1ˁ *0916 1ˁ 51 06 ˁ) 20ˁ 5 . 0 0*6 ˁ + - * 8ˁ 9 . 6 . ˁ
5 . 060 ˁ - *0 - ˁ 15 * 1*0 - ˁ 50 ,+"1ˁ 0 056 . ˁ 155 4 . * ˁ . *60ˁ 1 - * . ˁ 01ˁ 9 . 6 . 8ˁ 09 ˁ
+*6ˁ ' 6+ * ˁ 0",0 - 1 ; * 8ˁ *ˁ 090*18ˁ " . 90ˁ 4 6 2+6 8 ˁ 1 16+ - ˁ . , ˁ 6ˁ h "" , " - + - ˁ - . 6 8
5 . 0 0418

& ˁ % ˁ # & ˁ $ˁ " "$
ˁ & ˁ ˁ ˁ 2 . $ ˁ ˁ) (ˁ ˁ) ˁ ˁ ˁ Eˁ N 0
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&5 .0 0418 .,,060 18 4+,08 71* ,0".+4.618 6163+ 2+8 . 0 8 , *+ * - 8 .4 0
' # " " - 0 - 1 . - ,+ 8 41*. +*6 $1 "/ 4 0 .+ 1*0* 8 0/ - 1 21 3+1 01 60 - 51 0 40
,+2+0 .6 5.+"+ - 0, 0.6+8 +94+ - * :0* 6 < 06 ".+4.6. 155 4.*1 + - ,1* 6.*6 . ,6
5 06.60 08 *+ 20 5 1 60 - 51 0 1 4 *.: 68 &."40 +(< 4 51 6 8 50 : , *. 3, . ,15 8
,+ - + 6 . . 0" 18 60*6. "06 h 16,1 - + - 0 09 2*0 ,E1 ,1 - 6 .*8 4 1 . -
61 - 0*6 8 5+" .6< 06 5+" .6+ - . : ,171 6 + - 5 .0 4 1 3+14 * 155 41 0 .6 *1* *0
4. - *1 40 0 6+ - . - 8 0/ + 8 * 40 - . , , 5 6 U h .60 *9. 06 . - 3+ : ,+8 0 6
- 04 1 *60 .9. - 06 : , *. 5.*1 + - 5 .0 4 . 6 *0 0 .*60. . 104, .6 8 ,.56.&
- 1/ 0,056. 0 6 04 * 0. 40 40 .61 +4 $ - 0*60""1 . 0 .0 9* 0 1 G+ 2+8
.4 8,+ - 50 - 6 50*4 . & ."40 1 + 8 .4. - 0:0*6+8 + 6 . 06+ 5.* 40*+1
6+ - +"6+. ,1050 +*6 06 "04+ - 2 , 0.*6 A1.**0 - ".*,+ - ,.561 5 1&."
40 1 %+ - 3+0 506 61 . 5 16090 6 50*4 1 ,+ - *1* *6 . 60 - 5+8 05 .0 0*6. 06+
+2 61 0/ "1, 8 1 .0 : , * 8 8 ("+ . 0 6 0*4. - 1 &1 0160*. &."R0*2+ 91 3+.0
60*02.*6 5. 6 - 03+ 6+ - 5. 6 - 504 6+ - .4 : , 1 ,10+*6 06 0/ L (+ 671"".*4 .
. "0 - + - 06 - 60 14. - + - :0 +8 5 1 04 ,+ - 0/,"+40 0*6+ .4 + 20 -) "6 .
<040* 0 - 40 "0 4+*6 & 4 0, +2 ,+ - - 1* 6 .05 - 8 *1* 0 5 00 0*6 51 6 0 - 4
.2 " 0 9 1 "1 1*1 06 &."40 1 3+ *60 0.150 . - ,1 + - 0 - . Z2+8 01 + - 0:.
0 .6 50 4+0""08 5 1,". - .*6+ 01 3+0 6.*3+. - 71 60 8 +2 3+0 "1,1 + - - 5+*0 1,
, 40 0 5"02 50 - 66 6+ 6 "" * 7 " 04 4 860 6 . ,0 - ,+ J .*, 1 8 J0 4 *.*
4+8 : ". 5 .00 .6 + 6 . 60*6.*6 06 + 20 - 5 . - * 0 6 8 .* - 8 *9 0 " ,+ - 4. - *1
050""+*6+ . - 8 , . - 5" +8 0/ + 8 06 .* .*60 "041 .2 5 8 *60 041 3+14
0 8 1, 8 .4 0 9 + - 0 5 "06 %.*40 - .4 018 . 5 16090 - +8 A1 "2 +8) "
"1. 3+ % .<04+ - 404+4 8 3+.6+1 .+ 018 : 6 - *+ - 0 . <+ 6 < 06 6. 5".,.618
%0*0 . - +*4.0 06 ." 8 .2.*6 .0 "1, (*7;20 *. 4 6 2+ 6
.*60 1,,+"6+ - ,1* " + - 40 *6+0 5 . 150 , : + - ,". - 01* 5
.*6 + - *60 , 5 0*4. .2 .4 *1 h ""0"5 1 * 6+ - 40609 6+ 06 5 1 0/ 0240 -
3+0 * 0 5.6 .*4.0 ,1*4 4+ - 0 0 :0 .6 4 0 8 0 .6 : 4 1: 1*4 .91* + -
,+ - +. "09 1*0 06 : ." 1 + - "5.*1 + - 9* 8 0:1,.6 140 .+60 - " . 6.*6. *
- . 5 1,0"". 0/, 6.6. 0 6 +6 ,". 8 3+.0 - " 6+ - +55"0 - 0*6+ - :0702.6 *+"". *.,+
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4+4 0 .*6 - "608 7+0 ""+, 4 ".5 - 6 , .56 0/ ,1* 0 8 * + 20 ,1 - 5"+ 08 04
,+ - 5 12.6 1*08 400 0*6< 3+. - : 8 + 5 , 1 : 1"0*6. +55060 06 "0: 60 . 5 1 090
- +"4.6 +*6 ,+ - - .*41 - 50 1 "0* 6.60 - 01 06+ * 6.6+ ,1 - - 14 1 0 - 0 "0
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51 60. , . - 0 .0 - 50 ." 8 5 .0 08 4 + - .9*. ,+ - ".+40 5 +40*6 .0 06 .03+ 6.6 8 - +
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- 0*6 8 50 *60 : ."". 0,+ 0*8 ,1 - 6.2.6+ 6.*40 - - 1 6++8 ,+ - : / .**+ -
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120 60ʻ3+ʻ12ʻ60 1 0 -ʻ40ʻ 0ʻ 5. + -ʻ .21"+8ʻ:+"91ʻ .550"".2.6+ ʻ*0518ʻ(04.*0ʻ) ʻ ʻ
0/ʻ - 1 21ʻ :ʻ 1*ʻ 04ʻ40,0"6ʻ,+ -ʻ ʻ.06.608ʻ.**+ -ʻ.90 06ʻ ʻ *ʻ - 14 ,1ʻ - 50ʻ
1ʻ:,"ʻ +-ʻ5 .0 6. - " - 8ʻ + ʻ .0,+"ʻ5 *, 5 2+8ʻ,1 - 5. .*4+8k3+ J .*, ,. -ʻ 1 ʻ
21* . -ʻ +41: ,ʻ 1*50* 0 ʻ " . - ʻJ .*, ,ʻ 0" *0ʻ5 *, 5 8ʻ 1 1 0 - ʻ *ʻ+/1 0 .ʻ
4+/0 .6ʻ0/ʻ3+.ʻE+" 0" - + - ʻ 120 6+ - . 1"+ - ʻ 120 6+ -ʻ06ʻ . "16. -ʻ + ,050 .6?
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1"1ʻ 120 61ʻ 1"0ʻ: ʻ .0ʻ,1 - 60ʻ .6 0ʻ, + U .+,+ . -ʻ6.*6+ -ʻ01ʻ,. +ʻ"09.: 6ʻ." 18ʻ
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+50 ʻ06ʻ - .*4.6.ʻ.4ʻ+/3 0 -ʻ01ʻ4 0ʻ404 6ʻ<3+ 2+8ʻ0ʻ3+1ʻ,+"6+ʻ06ʻ12 03+ 1ʻ0 9.ʻ 090 -ʻ
,6ʻ - 50 + - ʻ3+ 2+8ʻ1 , 8ʻ0 9.ʻ: , *18ʻ5 *, 508ʻ - 140 .6 1*0ʻ0 9.ʻ +18ʻ +6ʻ4020B
06ʻ + - - 1ʻ5 +40*6 .0ʻ06ʻ.03+ 6.6 8ʻ60 - 50 . - 0*61ʻ5 .0 , 202.6
Iʻ ʻ ʻ,ʻ .**+8ʻ5 .060 0.ʻ*12 8ʻ0 5+ 6ʻ4+1ʻ - .9*.ʻ 6." .0ʻ06ʻE0 - .* .0ʻ"+ - *.ʻ<
$.+"+ -ʻ .*+6 + - ʻ06ʻA1.,7 - + -ʻ . - 0 . + -ʻU$.5020 9.0ʻ *ʻ J .*,1* .ʻ.**1ʻ
pʻ0 0140 -ʻ 5 1ʻ - 0* 0dʻ3+1ʻ - 1 6++8ʻ0 6ʻ*.6+ - ʻ 6ʻ *ʻ$.+"1ʻ3+ 40 - ʻ5 .060ʻ
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++ -ʻ ""+ 6 .*4+ -ʻ.66+"6ʻ5"0 "3+,ʻ , 56 8ʻ4+ -ʻ: / 6ʻ5+2" , .6 8ʻ06ʻ51 6ʻ - 1 60 -ʻ.ʻ
" 1ʻ "41ʻ: 6+6+ -ʻ5.60 *. + -ʻ70 040ʻ04 6 8ʻ5 .0, 5+.ʻ.4ʻ<+:.*418ʻ." 1 + -ʻ".21 08ʻ
,+ .ʻ.,ʻ50ʻ - .*+8ʻ70 04 6. 1ʻ:0"+6ʻ<+ 0ʻ .ʻ5.6 0ʻ06ʻ.:1ʻ6 .4 6.ʻ *4+ 6 .ʻ + 6ʻ< * 69*ʻ
" .ʻ06ʻ1 - * 2+8ʻ .0,+" 8ʻ405 .04 ,.*4.ʻ. 6 8ʻ6;519 .57 ,.0ʻ1 , *. ʻ0/ʻ3+.ʻ1 - * + -ʻ
0 0ʻ:060 + -ʻ6. * E .0,1 + -ʻ3+. -ʻ . *1 + -ʻ06ʻ." 1 + -ʻ.+41 + -ʻ 0 56.ʻ4 " 90*ʻ
60 ʻ+6ʻ60 - 51 .ʻ 0 02.*6ʻ,0 60ʻ0"09.*6 "" - 0ʻ0/,+ .ʻ.4ʻ5+2" , . -ʻ+6 "<6.60 -ʻ1" -ʻ5 1ʻ
4 0 +*6ʻʻ +6ʻ1 - * + -ʻ,1* 0 " 1*0ʻ ,1* 606ʻ" 60 .8ʻ 0*. 00*60 8ʻ1 6+ -ʻ ++ -ʻ .*+ʻ
6 .*.0ʻ . - " .0ʻ4020 0<ʻ3+.0ʻ.4+"6 1 08ʻ *ʻE0 - .* .ʻ.ʻʻJ 120* 8ʻ 04 - ./ - 01 - ʻ
ʻ* + - ʻ *ʻE."" .ʻ.ʻ(6057.* 8ʻ50ʻ,ʻ.**1 + -ʻ 5.6 +*ʻ0.40 -ʻ *4+ 6 .ʻ5 15.9.6.0ʻ06ʻ.4ʻ
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." 3+16ʻ.**18ʻ&0*06 8ʻ 1 - . -ʻ0:1,.6+8ʻ+6ʻ ., 1 + -ʻ" 2 1 + -ʻ04 6 1*ʻ5 .,0 06ʻ
.660*+.61ʻ."" 4+ 8ʻ 6+4 8ʻ,1 51 0ʻ,+ -ʻ4 +ʻ5 .0ʻ - ., 0ʻ *ʻ"041ʻ40,+2+ 06ʻ+2ʻ0+ -ʻ
5.+, 8ʻ .*60ʻ - 1 60 -ʻ 4 02+8ʻ 04+"1ʻ,+ -ʻ 1 - .0ʻ0 "0 *ʻ,+ -ʻ ʻ *61* 1ʻ8ʻ + 061ʻ
;060 0ʻ. - ,1ʻ .05 *8ʻ *: " ʻ6.*40 -ʻ156 - 0ʻ - 0 6. -ʻ40ʻ Uʻ" 60 . .ʻ.* - . -ʻ 01ʻ 04B
4 4 6ʻ& ʻ 4ʻ 5 < .4ʻ *0 :.0ʻ 05+"6+8ʻ . - 0 . +8ʻ"1,1ʻ*12 "ʻ 04ʻ *ʻ - 14 , 8ʻ
15 2+8ʻ*.6+8 .4ʻ7.0,ʻ 50, 0ʻ *90*+.ʻ5 .04 6+8ʻ*12 " 6.60 -ʻ90*0 8ʻ3+.*6+ -ʻ50ʻ,1*ʻ
4 6 1*0 -ʻ06ʻ.06.60 -ʻ " ,+ 6ʻ *12 " 2+8ʻ0/0 , 6 8ʻ 06 *+ 6ʻ ,0<+ 6.*4ʻ50 6 .ʻ * 9* 8ʻ<
40ʻ3+.ʻ.4ʻ 0*1571*6 8ʻ" 2 +*.ʻ3+0 *ʻ 40ʻ 0ʻ 03+0 6ʻ 0 5 6ʻ .ʻ 0ʻ .6 *0ʻ:0 -ʻ.,ʻ
16.6 1 2+8ʻ0/5" , .6+ - ʻ06ʻ50,+" . 0 -ʻ,1 - - 0*6. + -ʻ +2<0, 6ʻ 0ʻ,060 1ʻ,+ -ʻ: ʻ
6. -ʻ16 1ʻ" 60 . 1ʻ,1* 0, . 06ʻ51 6ʻ 50 ,056. -ʻ +6 + 3+0ʻ" *9+.0ʻ0/.4. -ʻ*16 6 . -ʻ
3+.8ʻ06ʻ:. 8ʻ , 56 8ʻ ""+ 6 .: 6ʻ*1*ʻ 1"+ -ʻ.4ʻ21*18ʻ.+41 08ʻ *ʻ+6 .3+0ʻ" *9+.ʻ *60 ʻ ʻ
5 06.*418ʻ6. -ʻ5106.8ʻ3+. -ʻ1 .61 08ʻ06ʻ7 61 ,18ʻ 04ʻ06 . -ʻ *ʻ 1" 4 1 2+8ʻ57 "1 1ʻ
L57 .0ʻ - .670 - .6 ,. + -ʻ. 6 + -ʻ06ʻ51 6 0 - 1ʻ6701"19 .0ʻ6+4 8ʻ - +"6.ʻ,1 - - 0*6.6+8ʻ0 6
4ʻ3+.0ʻ10 * . 3+14ʻ5.+0ʻ.*60ʻ " + -ʻ 0,0 .*6 51" 6 1 8ʻ" 60 .6+ .0ʻ1 *. - 0*6."0 - ʻ
50ʻ.66+"6ʻ:. 8ʻ *ʻ1 - * ʻ414 *.0ʻ90*0 0ʻ"+,+2 .6 1* 2+8ʻ.+6ʻ4+ -ʻ: / 6ʻ04 6 8ʻ.+6ʻ
51 6ʻ0<+8ʻ - 1 60 -ʻ .ʻ6.*61ʻ5.6 0ʻ4 9* 8 " 8ʻ5+2" , .6 8ʻʻ3+.0"5. 6 -ʻ06ʻ4 :0 " 8ʻ60 - ʻ
51 2+8ʻ.,ʻ"1, 8ʻ50 ʻ5. 6 ,+".8ʻ04 6.ʻ ,+ -ʻ0<+ - 14ʻ *6ʻ +6ʻ 8ʻ.4ʻ 0 -ʻ" 60 . . -ʻ5"+ʻ
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," &:1 +*6.6+ 66 .,' ,1* "1 . -'5. 6 ,058' ' ,6' ,+ - ' 5 0' # 5 .0' ". 0 - ' "%06' 06' "",(
' # ' h 60 - 20 9.0' 5 1 60 ,6+ '50,' "60 .8' . - 46 . - '0. - 6164' / / /' .**1 + - '60 - 51 D' L
01"+0* +6' 6' 0".*,76" 1* 8'3+ 40 7' "60 . 8' 5 0' . - 0 . 8'51 6' - 1 60 - ' ,<+8' 6+ '
4 1 0' ,1""0 ".8' .,'4 90 6.8'5+2" 0. : 6' + 8'*1*' * 0 6 8' '3+. + - '5. 60 - ' " '51 6'5. 6 8'
2 6+ - ') - ' ." .8' .4' 4 :0 18' 4+12+8' :1"+ - * 2+8' 4 6 *4.8' .4' +6 "6.60 - '5+2" 0. - '
04 40 +*6' %.*40 - ' : '156 - +8' 06' 40' 05+2" ,.'616' 0/.*6".6 8' A.21 2+ '20)4' *, 6+?'
/' 7.,' : 6.' - 9 . : 6' / :'S. ' . .8' ' 2 6+" 6' 06' 7 4'.**+8' *12 ",'5. ' .6 + - ' 0 1?'
*; - - '06' A1 ' .56 6. - ' ' - ."67 18' 5 0 9 ' *' %. : *1' " - 60' *.618' < 3+1 + - '
6 "0' 57 "1 157+8' .,' - 04 ,+8' 5 .0 6.*6 6 - +8' 0.' - 1 + - ' +. : 6.60' + 6' +6' :0" 1"1' .E?'
50 6+' 1 - * + - ' ' 0' 20 0:1"0*6 . - ' ."" ,0 06' *' :0 " 2+8' 5.*90*4 8' 5 .060 0.' 6.' ,/?'
,0""+ 6' +6' ' *61* +8' + 06+8' .,06 - +8' 7. + - ' 0 + - ' <+40/ '0 ' *60 ' 6."18' 5." '
- . - '406+"0 6' 12 6' *'5.6 .' " 'S." ' 4" ' .**38' " .6+8' / : " ' .4' (' . 6 * ' 05+)'
6+8' 0' 5. 60 'E .0,0' .6 *03+0' 0 +4 6 " - +8' *' .+".' 1 - . * . 161' : 6.0' + ,+"4'
&0 .6+8' .,'6 2+8' 1 4 *0' 51*6 , 2+('07. " - +8' 0. 4 *." 2+8% 40*6 * .0' ;*14 ' 6:'
6065 06 2+8' .' 0, 06 8' + 6' .,' - +"6.' :0 .,+".' " *9+.' "+ 6' < 06' .660' <+* 1 ' *. - '6.* '
6+ - ' & ' .**+ - ' .66 90 .6' .4' - 0" 1 0 - ' : 6. - ' 1 - .0' - 9 . : 6' / : 'S." ' . 6' .4'
('U(.": .61 8' *' .+ 1' .2' "6 " 1' .6 8' " 1' 01*4 6+8' 18' 0,+6+8' 0 6' A1.**08'
'E+ *60 +8' 8' *40 * ., ') 2 1 + - '155 41' * .6+8' '3+ ', + - '? . :4*6 .0' ,6' . 5+ 9'
" 60 .8' 4 4 , "06' 5 - + - ' 'E1 ". .0' "+4 ' - 140 .61 ' .,' 40 *' " *9+.0' E .0, .0' ' 1 '
: .* '5 1 0 "2 ' + 6' ' *40' +606 . - '5 1 0 6+8' ,+ - 'E+" 0" - 1' #U +4.01' ,6' A1.**0' ." '
,. 0' 3+18' <+ :0* 8' <. - ' 0* 8' ,1"+ 6' - .9*.',1*<+* 6 1*,' : / 6' ' 06' J .*, 0' ' " 20 . '
" 6.60' ,1 - - 0*4.*60' 0+ - 'A1. - 0' V 0"". 1', . 4 * ."0' 0/ - 1' " 60 .61 + - '1 - * + - ' .,'
5 .0, 5+0' E0 - .*1 . - ' .+61 0 ' - 04 0 * .0' ".+ 0. - ' .4056+8' .,'6*04 ,+8' 09 8' . *?'
6.6+8' 0 6' $1 6 0 - 1' ,+ - ']' : 14+ ' 04 1 - .6 ,+ - '0/. 40 00*60' 50 'E."" . - ', A'
& " 20"" ' ." 3+.*4 + - 04 , * . - ' 0, "06' ?' 90* * . - '6.*40 - ' ,1 * ,0 " 6' < +2 ' , '
" 4 8' ,1 - 5"+ 2+8' *90* ' + ' - 1*+ - 0*6 8' 14190*. 1' - .<1 '71,' .**1' : ' 1* '
' *' : : 8' 0 "0' 40 6' 0*04 4+8' 06 +8' *60 ' +18' 5"0 3+0' 0 56 8' 04 6 8' ,". +8'
0 * .0' *' 5.6 .' / 'S." ' . .8' 7.+4' 6.' 0*0/' 40,0"" 6' 06' .*60' 0+ - ' *0+*60' .**1'
A1.,7 - +8' h 0 657."+8' . - 2+ 9' ' ,1*6 .'3+0 *' 0C.'6. *' .* - 1 0' 6;"+ - '0/0 ,+ 6'
;5 .*+8' D 01: 6 +8' '6.2+" 8' .66 1*1 - , 8' 4 " 90*60 '5+6.6 8' 06' 0," 5 + - '40 , 56 ,S'
* 2+8' * +50 '04 6 8' 3+.8' 64' .**+ - ' + 3+0' ' "1 , : "' 50 4+/ 6' 71,'06 . - .**1' .4'
- 14+ - ' 0*0/' +9+ 6.,'& *40" ,1 + - '40,0"" 6' / "' S." 'A+* .8# ' / 6 0 .1' 40 - + - '
.**1' 5 4 0' 4 ' 0, ' <. - ' . J04.' .06.60' ' 09 1 - 1*6 ' *' 1 +" .' +"6 - 6 *' 4 0 - '
,".+ 6' 0 - .**+8' +%0 +8' l' . - 50* 8' < 3 ' ,1*" " . '5 - . '1 , 1' 4 +' .5+4'
" :0* 0 - ' 4+,0 - ' 40 +*4+8' ,+ - ' 0 1*1 .' " .' "20 61' J 40 ,1' 1 + .0' 4+, '
40 51* .6.' .4' - . 6+ - '5 1 , 00 06+ '0' ,1 - 08' .' 5.6 0' .66 2+6+8' +0 .6' 04 , .,'
0 0*6 .0,+ - ' * 6 1150 . - ' 404 "06' - +"6.'E ."0* ' ".6 * 6R0' 41* . : 6' 06' 51 60.' <+ '
, : " '1 - * *1' 0' .44 / 6' 06' .09 6+4 *0' 0/' " .0' 12 6+' ,1*6 .4. '3+1' 0' 1 . 06+ '
1: . - '$"+6. ,7 '6 . ".6 1*, - '4+ - ;".*40 ' *' 0.40 - '".21 . 06' 0, 6' < 3+.0' - .9*1'
*' 5 06 1' 7.206+ ' 1 6+1' 50671*1 ,0' *' - .<1 0' + 2 8' 60 - 5"1 ' +2 '01*4 6+8' + 6'
0" 1*1 .0' <+ " ' <+ 6.'50 1"+6.' +*6' *60' ,18' 1 - *0 8' 0140 - ' .**1' : ' 4 'J02 'E0 '
*0: .0' ,+ - '6.*6+ - ' / / / : ' . 6*18' 0/09 "06' .63' + *4+8' 0 6' V * - +*4+8' 1*0 4 +8
7.21: ' 9*12 ' : ,1' *' &."0*6 *1' .9 , ' .5+4' *18' *.6+8N' 71 - 1' 5 12+8' 06' " - '
5"0/' < 3+ ', + - '5040 - '5.6 .' *+*3+. - '0/6+" ",6' 6.6*0*' 02 . , 8' E .0, 8' 06' .6 8
' " 60 8

. ' ' 2 ' * !# ' ' - # ' 2 / #$#1 "' !' '
#' ' " " ' / ' * ' ' LG="' 29 3!&')'29 E'-"G2>' !9 !# ' +8>
#R' ! ' 7# 8 $ - $' 5' 5 5

D' ' 2 _ ## ! $ 52 - " / $ 242 6 # # 2 , $
e' , # ' !' ' '9 !# $$ 0' - ! ! /$ &' ' ! $ #8 , !# ' ' %E ? 9 3 !$
A , !$ 7 $ / 8 ' $2 8, #)$' ' #) $ /] #6$' 2-) $
! ; ')' 'M " !$! ! " ! ' ' !! $ / 2 ' #)' ' - # #2'

"6, 8' 6.'09 09"a' * 6 + "+('4 .6 ' +6' *',0"020 - 8' 1 2 8' .,.4066 8' 250 . -' 6+4 8' &
404 ",' 2'5 .0 6.*6 - 8' - .9 6 8'0 040 06+ ' *'<+ 8'.+60 -' , 0*6 .'3+. -'&."0* ,6 8'
6 .0' 5 1 602.6+ ' .40.' 0/ ,0""+ 6' +6'A.012+8 ' +<., +8' 3+ '5 *45.6+ 6' "" +8'60*0
2. ' ." ,+2' , 5 0 6' ' - 1 0*8' 19,6+ ' +6' 1) -'%70157 . 6+8' *1*' ." + -' 7.20 0'
"0 ' 3+0 66' 4 , 5+" 8' + 8' 54 "06' 1 60*40 0' $1 6' 6+ - +"6+ -' $. 0* 0 -' .'J . , ,4
161/*.*1' *: 6.6+8' E0*0: . -',1*00 "0 .6'<+2 '<+8' 1 0*6."0 ' 0+<+8' <. -' 50, - 0*' ."
3+14' 04 4, .6' - .<1 0' 250 0' ""+ 6 . 0' .99 0" +8' - 1 60' 51 6' 2 0** + -' 6 5, :0* 0 "6,
50 -' 44' 0' 6.*61' : 1' .+41 0' ,1*,056. -' 0 0"" 6' + ' - 0' *+*, ' 6.*3+. -' 5 .0
,0561 : 40' - 0' 0,+*4+ -' 5 + -' +<., + -' 06' J .*, ,+ -' U' 1."40 6+ - ' 3+ 2+8' 6 - +"
(' ' , '? ' 8 $ ' * ' *' ' ,
6. 0' .03++ -'<+ 6+ - 3+,' 4+/ ' U' 0,' ""0*6 1' 5 .060 40206' :0"' 51(6 , .0' *' 3+.' 0/
,0""+ 6' 0 504+' 09 6 ."4+8' ? "+6 * +8' J".: * .,+8' *12 "' . - " .' ., ' 0*.61 .' +60
6 .0' *.6+8' ' 3+' .6 0 -' 7.2+ 6' 0* 1+ -' ' 0"" + -' "09.6 1*0' (,16 , .' - "6. ' :
+ -' * 9*0 - 3+ ' 06 1 - .0' <+6.' 09 8' 50 ' 5+0 6 . -' 0<+8' .4 - 14+ -' ".20 .4.6.' .*+*"
5 .0 076 .' 06' - 50 60 61' .63+0' 2 - .61' .4' ,1* 6.*6 . -' .4 04+' 0 6 6+ 6' ,+6' +
"1 ,1' 40 - 1* 6 .: - +8' ' 06' 51 6 0 - 1' 2 40 -' 40 0 6'? .4' (' +41: , ' 71*1 ,0' 0
5+"6+8 ' .' A1.**.' n' . 6.*0.' +5 51C.0.' +/1 0' , 041' 0' * 9*' - 1*+ - 0*61' 09R
*."4+8' .+60 -' 4 :0 1' .' .6 0' * 6 6+61' : 6. -' 1" 6. . - 0 0. - 5"0/+80 6K' ,6+*+ ?
,6."60 + - 0"09.*6 *. ;*', . - 0*' 0" 3+ 6' 0' - +"6 8' 3+.0' 50 0 +*6 3+.03+." 8' 3+.*
6+ 3+0' *' 01' 06 20*4 ' 90*0 0' 0 0' 516+0 6' .2+*40' .5+4' 41418' 40 -' .0 +*6' 1 ' L
&0 - 2 ' - 0* 0' ' +94+* ' 6+ *' ,*0/' .4' 0+ -' - 9 .: 6' 8' - 0 61' +1' .,,0* 02 6+ '
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,+*4+ -'7.0,'5 151 6.'.2'0140 -'(.82+61',.5 6.'+6' .*, 6.'5 .060 61 + -' .2' .**1'
/ : '12" : 1*0'+6 *3+0'0 056.'3: .0'0/ 6. 0*6' 0 6 6+.*6+ '' 6+208' . ,08' - +* 6 1'
08'.:08' - . ,7 *.0' 20"" 0.0' 09'21*.' 40'6 .4.*6+ K' , .56 : '06# 1" +: +8',1 - 08'
*'5 - 8' *0'5 06 1'4 - 66.*6+ ' 0" 9 1' .671" , .' 1 - .*.'+2 3+0',1* 6 6+.6+ ' *4'
+""1' - 504 - 0*61'50 *40'.63+0',+ -'$7 " 55'+8' *'5 1: *, 8' 8 *.+9+ .6+8' + 6 50
- 1' 8'3+' - .<1 + -' 0" 9 1*0 -'5 1 60 '*1""0*6' 0 - 0"'6.*6+ -'06'7.0' : ,0'+6'0/B
6 .' 0"9 + -',1* ,04.*6'06'21*.' +.' *6 .'5 .0 * 6+ -'60 - 5+8'." 8' :0*4.*6'7 8',1*'
4 6 1* 2+8' 40 -' 090 -' *6, 51 6+ + -' 3+.0' + ,0 0'4020.6'3+14' '3+ 4'+"6 .',0'
3+ .6+ ' 06 . -' . - 5" +8'01 + -' 0, + 6.6'06', .+6 1* 2+8'3+ 248' .03++ -' : 402 6+ ?
,1* +"6+ + -' 4'0.' , 562'.2' . 1*0* ',1 - 60' +"0 - 2+ 9 1'U' 671*0' ,'
* 1*4.*1'06'." 8' 4 *+ -' 1040 .61 - -'40"09.6 8' +2 , 561' 0 51* + -'0 6' / 'S."
> !' < '* ' ' '* ' ' . ' ' ' '* ,
? '# 1' (' * ' ' ' # ' '
* $ * ' * ' * ' (' " ' ' " ' * '
c .'E $' ' ' ' # ' 'G # ' * ' *Q ' *
B (' # ' ' ' * *' '
(' ' 'G # ' (' E $ - * > ; * ,
'H3 $ ' * 4 $ = " ' ' ' # ' ' ,
' $ * ' * ' ' ' ' ' ' ' B ,
' ' * ' G # ' '* (' ' ' ' '

0"9 , 8'150 .'06' .*60.' *' 6." .'06' , .' 0" , 60 '+ ' + *6'*03+0' :0 1'E0 - .*18 3+'
4 * 2+8' - " 60*6'0/60 *18',0* 0*418' 3+ 550',+ -',1 - 5"+ 08' 0"9 '5 1: *, .0'
f - 50 1'. , ,0* 0.*6+ '' 3+14'." E.""18' *9"18'06' (,1618' .66 *06'*0,0 " 6.60',1 -'
5+" 28'5 1: *, ."0 8' 5 1 + -' 50 - - 5"1 ."%0'< 3+18'.' 0'" 20*60 '4 - + ' *6',+ '
5 - + -' 5.*'4 - " ' +0 *6' %+ *' - +"6.'5 1' 4 *+ -'90*0 ." + -',1* : ,*6+'06'
,<+8'.+41 6.60' +2< 0 +*6+ ' * +50'0/.9 6.6.' 5.*1 + -' : 6.0'06' 1 6+* 8' 0"9.'
3 -' * 4 .*6 + -'6 +,+"0*6.',1* " .'3+.0'0/' *6, ,056 8J .*, ,'' ." . : .0'0/'E."" 8'
.4'$. - 0* 0 -'1" -' , 20*6 8'" 60 8'5.60.*6' * - + -'+6'5 1,0 08'5 1: *, . + -'0'
- 04 1'61""0 0*6+ '06',1 *6 .4 8'5 : "09 8'.,'" 20 6.6 2+8' - 50 .6 3+0' :04 9." 2+8'
*1 : 8'5 16 *, ."08' 0/' 15+"0*6 .5 6 *.' .4'60*+ 6.60 -' ., ' - 0 . -' 04 90 0*6+ "
$1 6 0 - 150 4+0"" 1* 8', 5 0*' .' 0' . - 1" 02.*6+ '3+' .": .',1* , 0*6 .'06'" 2, 6.6,'
0 - 50 ' - 1 90 18'.4'1 - * .' 0' 09'0/7 2 "0*6' - 141'0/ ,+ "2', +40" 8'<+9' - 06+' 2'
41*00',.:0606+ '06' *4 9*.0' - 1 6 8'50 ,+"+ - '3+14'54506+1' 0*1:.6. , - 1*4.*'
' 1 *.*'06' 1*6 * ' *4 9* 6 - 0'50 0 - 561 + -' - 0 - 1 .'.*60'1,+"18'12:0 06+ '
.',0 :R 2+8' + 8' 0 - 1:0.6+ ' 8'40' 02+8' ' 2' 41*00',.:0.6+ '5. .618' 0'.03+ 8'
,1*4 6 1* 2+8'6 .* 90 0'40 - 1* 6 .*6'06'+ 208'. ,08'.,',060 .'0/'*0,0 " 6.60'<+ 6.0'40'
0*" 1* '3+.0 6.' - 3* - 0*6.'6 .40 0'< ." 13+ ' .20"".0' 0 15 , .0' - 0 - 1 08' 3+.0'
1 : 0 (',+66' 55 8' - 5 +40*60 '6 .4 6 8', .* 2+8'40 0* 1 2+8'6 .* 09 "0' *0 - 1 . '3+14'
6+6+ - : 402 6+ ' 4' .4+ 18' 1,' , 561' 50 "041' + 8' 09 ' *"+ 96; 6'< 06S."

%' ' '$' 'D% ' ' * ' U) ' '.4G ' , ' ' 0' 6 $' +
5 ' % && 0' 6 0'* ' 6 ' M '7 ' 'B. ' '*' ' ' :

&' 56'." 2' ,6 561'12<04.' - +"6 8':0 2 8'4 ".+*6' 06' *'5 - 8 3+ ,'40'1: + 6'06'" 51
) ' + - ' .20"".'.44+4"+ - '0 .6'3+ ' ,9 8' 408' *'4+2 + - ' 0:1,. 06+ '5 .0, 5+0'0/.9 '
6.*6' %+ *' ,.5+6'40' 0" 9 1*0' + 90*6' ,/,"+ .'1 - * ' ."60 +8' 0" 9 1* 8' " 20 6.60'<
3+ 550',+ - '0/50 0*6 .',1* 6 60 6',1*, 5*+ - '06' 01* 61 1 + - ' .,' ;*241 + - ',1B
"1 0'1,,+"6.',1* " .',1*6 .' 09 . - ' - .<0 6.60 - '06' 5+2 ,. - '6 .*3+ "" 6.60 - ' .9 . '
*0,5 +8'3+ 06+ + - ' 0"9 + - '3+. - '5. 61 08',/60 *'06 0/60 *.0 414 *.0'5 .001*08'
1 .* *1'0/. 6' +0 *6' + - '71,' 09 1 + - ' 0 55* + - '*1*' - +"6+ - '40"09.6 8'5".,0 '
06'06 1040 .6' 09 08'"09.618 19. 0*6' *+ - ." .' - .*4.6.7.20 0*6' 06' 7.0,'3+.0'
.2' 5 8'5 251*0 0*6+ '0/'.2 1"+6.' 09< ' - .*4.6' 1 - +".' 0,0* 0 0*6+ ' 0 51*40*?
6 2+8 "" 8' ." +4' 0' *1*' 7.20 0' 1040 .6'. - 5" +8'40" 20 .*4' 5.6 + - '06' .4', : 6.608'
1040 .6.8' 0 0 0*4'51 0+*6' 044 6 8' *60 - '12 4 2+8' .+ 1*0* 8' 01 - ',+ - '
(,7+. 6 0 - 2+ 9 1'50' +18'.9 6'< 06'+6' 08'.4' .0". 0 - '40 0 .6+ ' 0' 0/5060 0'1 60*'
4 6' 0 04+ + - 3+0'4 , 6' +6' 4 708' 1040 .6'.03+ 8' 0',1*4 6 1* 2+8' "" +8'. 2 6 1'
+ - - 66.*6' 6.' 0' * ,T .'+6 *3+0'4 ,04 6+ ' *60 - "2'5.,8' *0916 1' *'.**+ - '
+ 3+0' * 03+0*60 - ' 3+1E.*4.:'51 6 0 - 1',1*:0*6+ - ' + 6' (,7+. 6 0 - 2+ 9 +8?'
,+ - ' 0,+ .6 8' " 60 .8'.'5 1 ,9040"09.6 8.2 .+ 1*0*"6' - 660*4 8' + 6 .506 "06'
06' *60 0.'4+ - '40'5.,0'.5+4' .0 . 0 - '.9, 06+ ' *4+, .8'5.0 ,0*4.8' +. "06'.4' .0 '
. 0 - '.'3+1'"09.6+8' +0 .6'0+ - '40' 0'1 - *',0 6 1 0 - ' .4+ +8' 0:0 6 6+*' $1 6'4 '
,0 "+ - '(,7+. 6 0 - 2+ 9 + +8' 1040 .6 ' +6' 40 - ' +. - '06' 6+4 + - '0 9.'5.6 . - ',0B
60 8' 4 * 2+8'5 12. 0*6' 06' 0'.',."+ - * 8'+6'. 02.*6'5+ 9. 0*6'5 1" /1' , 565'
5 4' !A'G+ *6 "'0:+"9.61'.03+ 6.60 - ' +.0'0.+ .0' 0/5" ,.*6' 06' 0506 6.' .2' * 6".'
.4 1*0'<. - '.'60 - 51 0' " 20""' .4'#E. - 5 * .,+ - ' - " ' + 3+0' .4' 7+*,'4 0 - ' 09 18'
4 ,056.61 08' *1*'"/@*.' 40' 0,+ - '09 "0' 40 - 1* 6 .*6' ' 06'. - 2 9+ 8' 0 51* 8' 06'. '
04.6 8'5 1, . 6 *.6 1* 2+8' ,+ - ' * 7 " - *+8'3+. - '5.,0 - ',19 6. 0*6' 60 - 5+8' 0/ '
6 ./ "0'+6' 5 18' *60 - ' - 5. .618'155 - 0 <0*6' 4'0/6 0 - + - '506+*6'+6'40"09.608'
1' + 50418' + +8'40'5.,0' - 66.*6' ' 43+0' .+ 1*0* '3+. - 5 - + - .*603+. - '.4'
. - .'40:0* .6+ 9* ,0*6' G+1' 0 561'.,,0561' 09 '*1*' - 04 1, 60 '+6'5.'
[6.6 '3+14' - +"6.'. 19.*60'06',1*6+ - 0" 1 0' *' 04 4.',0 *0 0*6' - +"48?':0 2 8'
0'5+ 9.*6' ' *0,'." .8'4 ".6 1*08'506 6.8'40 - 1* 6 .*6'3+. - '+6' *60 0. ' 3+ 4' *'6.*6'
- 1 - 0*6'*0916 1'.4+ - '0 "06' 09 .0' - .<0 6.6' 9* ,. '06'0<+8 0 51 + - '7.20 '51 '
06'3+1'.,,0561' 09 8':1"+*6.60 - ' 5 8'40,".6.6+ 18'06'.4'51 6+".6.4 0 60'+6'.03++ - '
; 402 6+ ' 0 51* + 18' *60 0.' 0+ - '06'71 - *08'2260 6.*6+ ' ,'5 1 - 5618'., "0 8'
3+0' 0 - 50' + "0'*03+0'+"". - '4 00)8'.+6'" 60*4',1""13+ '1,,. 1*0 *'5 .02+ "0'
.+" 1*0* 0 - ',1*6 .'06' 1040 .618' 4 *08'7+<+8',+"5.0' 018'0 0' '06'*+*,' - ./ - 0?
6' 3+. - 5 - + - ',0 6 1 08'40' 09 8':1"+*6.60' 044 6' +0 *6'.4'50 , 0*4+ - '5.0 #
,.6 1* 8' *,71.6.0'*0916 + - '*1*',1 - 5. 0.*6' 6.' 1"+6+ - ' 04.*+ - ',1""13+ + - '
1' *0'1,,+"6.' 09 1 + - ' *: 4 .'0/'3+1',1*6 .' .+ 1*0* 8' + - - . - '9 .6 . - '.'
,060 8' 0"9 ' 4 * 2+8' - 0 + 6'3+ 550'3+'40 - '3+14' ""'6.,60'40 40 . 0*6'5.". - '
5060 06'* - + - '" 20 6.6+ - ' - - + * 6.6+ - '06'5 : "09 1 + - '.*6 3+1 + - ',1* - . '
6 1*0 - '0/60 *' - " 6 8' - 1*0 - '06',1 - 6 1 + - ' *8'.*6 3+. - '.+41 6.60 - ' 0 66+ '
6 1*0 - '3+ 2+8'06' 0" 9 1* 8',.+ . - ',+ - ' + - - 6602.6' .03++ - ' 5 8'5060 0': 402.'
6+ ' 140 - '60 - 51 0% 40 ,+8??J+ +8' 1 1".*+8' 1 - +". - '0/'3+.' .6 1'5., 8' *60'
$7 " 55+ - '06' 1"".*4 .0'.,'=0".*4 .0' 4 *08' 3+0',1* 1040 .618' * '51 0': 40'
2.6+ ', - 66 6'06'*0' 6.*3+. - ' :1".' 0< ,0 06+ ' 40 - '0.c'5.,8',1*4 6 1*08'.' 09,'
.6.8'7.2 6+ - ' ',1*60 6.2.6 + :' .5 6.' 1 - +".0'7.0,'0 .*6'+6'1 - *08' 040'.4'5.*
,0 - '.* - .6'*1*' - .9 8'5 "&.6 8' 02+8'3+. - '5+2" , 8' 6+40.*6' ,3+0'.5+4' 0' 6.6+.*6'
4+ - ' *60' 0'5 *, 508' 7 6 .*',+ - '515+" 8' + 8'4 9".4 .*6+ ' 5 18'5 , 508.,'51?
5+"18' +*.',+ - ' 0" 9 1*0' 06' 1 6+* 8'5".*0' *60 0' 40 - '50 ,+"+ - ' 5 1' 1 2+8'
X* 6. 0'3+."0' ,. - 'J.".0 6 *. - ' . .'E .0, . - '.,'$.**1* . - ':. 6.: 6'*0+6 .'
6.3+0

" ' , '

U

6.3+0' 5. 8' + - - + - '<+8' ,1* 0 606+ ' 0/' 1 - *0 8' *' 9 .6 . - ' 0 6 6+.6' 71*' *' 21*.' & '
2" - ' 04'06 . - ' *' *4 6 ,*' 06' 71*1 08' :0 1' 0 6 +6' : , * ' 09, - '06' *' 51 "0" ,;8' "" '
1*0 - ' :060 0 - ' 06' *' 1" 6. - 0:0 0*6 . - '061204 0*6 .*. 402 6. - ' 0 6 6+.*6' 5 1'
- ".' 06'5. 6.' ,1*:0*6.' +6 *3+0' *,0 .' 40' 0 :,*6+ ' 3+14' ' 090 - ' . 4 +8' 5. 6 8'
. 6 *9 ' *0,0 0' 6' 8' 5.* ' 5 1,0 08'6. *' ., ' 3+. - ' 5 1 .* ' 3 4 * 8' +*.' ,+ - ' 090'
0/' :060 0' 90*6 8' ,+ - ' ,.* 8' * 6 6+61' +2 , 2.*6' 40 - ' 06' :1"0*60' 090E0 - .* .0'
5 *, 508' ., .*6' ' ." 3+16' 40* 3+0' 155 4.' 0/' 5 - 2+8' 0"9 ' 2' ,0 6 8' "09 2+8' .,'
,1*4 6 1* 2+8' +*.' 3+13+0' ,+ - ' 090' +2 , 2.*6' ,+ - 3+0' 6 08' " *6' 5 .0, 5+0' *' 7 8'
5 1: *, 8' - 16++ - ' ,.+ ., ' + 5 , 1' 40' *3+ 6 1*0' * 6 6+0*4.' < 09 + - ' - .*4.6+ - '
#40' 0:0 .' 5"., 61 + - ' . 1" ' :' 06' $7 " 55 ' 0/0,+6 1*0' +50 ' 0" 9 1*0' .2' .**1' 7+<+8'
.0,+" ' / / ' .4' .**+ - ' ' ' .,' 51 6 0 - 1' 40' - 50 .6.' 40, - .k' *3+ ""6 1' 3+.0' *0, '
4+ - ' * 6 6+6.' 0 6' 5. 60 ' 06' 404 - .' *+"".' 6' 3+.*6+ - ' .4' 04 4 .' 50 6.6' 0/,19 606+ '
- 140 .6 1 ' 3+.0' 40' ,1 - - +* ' 1* * + - ' 017 0* +' ,1* " 1' 06' 0*60*6 .' .6' ' 8' :061 '
3+ ' 7+<+ - 14 ' 40 0" 9 1*0' ,1*4 6 1* 2+8' ,1*60*60' *1*' 0 +* ' 156 1' 406+ ' +6' 0' . '
671" ,.0' 0" 9 1* ' 031*, " 0*6' :0" ." 1 ' 3+0 - .4 - 14+ - ' *' +2<0 6 8' - 50 1' 5 1& '
, 8' "090' 40' 5.,0' *' 0" 9 1*0' 4.6.' 5 .0 , 2 6+ ' 7.2 6.6+ - ' 0/6 .' 09 . - ' 4 6 1*0 - '
,1*,04.*6' .":.' 0' . - " . 0' 3+. - ' .4' + 6+8' 50 , 5 0*418' ." 8' "1, .60' .+6' 06 . - ' :0*?'
40 0' 51 " *6' 0/60 *+8' - "08' " ,06' *+""+ - ' 4. - *+ - ' 0"9 8' * 0 .6' 6. - 0* ' ' :1"0*6'
0/.+ 61 06+ ' 06' 0"9 1' 4 - 66.6+ ' ,.+6 1 0' 09' - .' 06' 1 - * ' 0/,056 1*0' - .<1 0'
5 +8' 4.6.' 5 1: *, ."0 8' * 7 " - 1" 6+ 18' .+6' ,1*6 .' 09 . - ' - .<0 6.60 - ' 60*6.6+ 18<'
3+14' +6' .6' 5 ' 40 - 0' 06' +55" , 60 ' +6' 40,06' ,+ - ' 090' .9.*6' 06# .6 ""1*0*""8'
- 5 - 8' " 60 .8' 40' 5.,0' .4' 0+ - ' - 140 6 .0' 5"0*.80/. 06' - .9* ' 0* - ' - 1 - 0*6' 0.8'
.4' 0,1*, " .6 1*0 - ' 1 0' ." .0' 06' " 60 .0' , 2.*6+ ' .4' ? 0" 6' 5 *, 50 - ' 06' ,1 - 60* '
?' 7 *,1* + - ' 5 - . 08' 09 8' ,1* "<. 18 ' 3+ 2+8' 06' . 6.' .4 * 6.60' .+ 1*0*""8'
,1*<+*4+80 6' !*. - ' 0" 6' 5 *,058 0*, .0 0*41C.0 3+.0 0* , . 1: ', * '
<+/' + 6' 5.6 +2" 8' 0 .6' 06' 7 *,17 +8' *' +/1 0 - ' .+ 1*0*""8' 1 1 0 - ' 4+/0 .6@
7.0,' ' 5".,0.*6' J+ + - ' 50 ' :0 04. 18' 03+18' 3+. - 5 - + - ' *' 5.* . - ' 50 04 '
+ - ' 06' 156.6+ - ' 5 8' 0 51* + - ' ,+ - ' 5"0* 8' - .*4.6 8 3+ 2+(' 5 8' 40' 0" 9 1*0' 06' 0/?
60 *1' - " 60' 41*00' ,.:0.6+ ' 5 1504 0 - ' . ".6+ + - ' 4' 0.' .+ 1*0*""8' 3+1* . - '
<. - ' ,1*:0*6+8' 40"09.61 + - ' 4 " 1"+6+8' 0 .6' 5 4 0' 1*.8' . .8' 0 51*406' 3+.0' *'
5., 8' 1 - +".' 5 151*.*6+ ' 40' 5 1 - " 8' 0 :.*4 8' ,.+6 1*08' 3+.' *' 0' 616 +8' *0916)'
<. 41' :0 6 6+ ' 0.8' *1*' 6.' 5 +40*6' : 1' 6+6.8' : 40 ' 3+ *' 51*6 ,08' 1 - .* ' ' *1*'
0 :0*6+ ' 4 50* . 0' 51 " *6' 06' : 1R61 08' .2 1":0 0' 0.' 4 40*6 .' 0 ' 06' 3+1* . - '
1 - +".' 7.0,' 0 +8' 6 .* - ".' 6' +6' 5"0' .2<04.' 1 17' - 0" 1 ' 50' ,0 6+ - ' " ,06' 4+2 '
,:0*6+8' 20""+ - ' ,2 6.0' .63+0' .401' * 4 1 .0' 5.4' 5 .0 0 0*4+ - ' 4+/0 6

' , ' - +"61' 51"" ' *' - 04 8' 20"" ' .55. .6 2+8' 5 4 0 4' A+* ' .+ 1*0*""8
0".0' . "16. - ' 1 21* . - U 1*50*"0)' " . - ' 3+.0' 1" - ' *' A1+. 0* ' ,10'
*12 1' .*60' .06.60 - ' ., 8' "09 2+8' 40 * 6. - ' 5 3 0 .' .*60' 6 0** + - ' .4' J 40 ,+ - '
$.".6 *+ - ' 0560 - : + - ' 0<0 .61' :165' 0' ,1*6+"0 .6' 5 .0 6.*6' 1 - .' 06' *90* 1' : 9 '
*0 - ' +/1 0 - ' 4+/ 6' .24 ,.6.' .' 0' 12' - 1 08' ."60 .' +/2 0' **.' .+ 6 ' (./1* 8 05'
60 - : ' " . 3+.0' .**1' 03+0*6' 8 0 0*.0 ' +2 "*' ,+ 614 . - ' .2' +9 + 61' 0560 - : 1'
5.6 - 1' 6 .4 6.' 0 .6' .4* 14+ - ' 5 0 40,0 " 6'

' ' 7.0,' 5 1 0/' 1 - * .' .4' 20""+ - ' ,1 - 5. .6' 06' .*60' 1 - * .' 4+.8'
- +* 6 1*08' ."60 . - ' *' ' $"0+ - 1 8' .4 ' (,."4 8' .0 6+. + - ' ."60 . - ' <+/6.' ' (":. - '
4 <, 8' 0/6 + ' - .*4.6' - 51 6 8' *' 0/' "09 1*0' &."40 .*. 9* 8' 06' 09 4 1' ' . "D '
* 1*6 1' 0 9 1' 1"".*4 .0' 5 .0 041' *0916 + - ' 4.6' +6' ,.56 8' - +* 6 1* 2+8' : . - 2 '
.4' 0/0 , 6+ - ' *' 5 1: *, . 6' *6 14+,0*4+ - ' .50 4 3+0 - ' 06' +2 03+ ' <+" .' /' 9*.

' ' .' .) ' ' 2' ' ' ' ' ' % * ' ' '
0 ' ' ' ' > ' 4G&. ' % ' ' ' % ' & ' ' G '
. ' ' F

UV

& 0/J0 4 +.4%1 06.* 06 646 40 - 0/J . , , &."40 "09 1*0 ,+ - ." 3+16 E0 - .
1 + - 06 ,"9. + - 504 61 - 0171 6 2+8 3+.0 .4 U 0:0 Z ,+ - / / : 4 08 +2 60
+*6 * 3+0* 8 09 1* (.+0 2+8 +6 60 1 0 - + & , * .0 * ,+60 0*6 *40)"6 .?
<04+ - :0 +8 5 19 04 +*6+ ,+ - 3+0 0 0 9 1 ,1*<+*/ 0*6 / S." G+ *6 "
, + . - ,1 1*. , *9+* 155 4+ - - + 8 6+ 2+8 " ,06 .4 5 " ,+ - - 1 0 - 6. - 0* 0/
- "% - . - .60 . 6 +4 8 06 1 ". 5 1 +*4. .3+. 5"0*. .4 - 14+ - - +* 6+ - * 3+1
06 . / 0 6 : - .9* 8 6+ 2)8 ,6 6 5" 4 1 ". : ."". 6. . ,56.060 0. ". 61 .990 0.2 0.
5. 60 3+.0 155 4+ - 504.6? 1,+8 . & 5 .0 4 . 1 + - 9* 8 60*02.6+ *40 *
E0"4 . - *40 .4 - 60 14. - + - + 3+, 51 6.8 ,1*6 *+0 0/,+ 0*6 + - 0 9 +8
7.202.6 * 0/0 46+ : 504 6+ - , 1 06 * 8 .4 ". . ". - 1*6 .6 8 09.0 ?
,1 - 6 8 06 0J 0 J"1 1* . "60 +8 .6 8 "09 1*08 06 : ." .8 ,3+ 6+ - 0 : .*4 8 .990
2+8 40 6 *.6.8 $ 1 - 160 : . ""1 ,+<+8 ,+ . . *+0" .51: . , , .0 06 (.".C. 1 12: a
*0 .6 *.: 9 . 4+1 9 .*4 . * 7+ - 0 18 .2 "5.* 8 +2".6. * 1 ". - 40 - 66+*6+ d
3+ 2+8 51*60 +50 6 +41 - . ,7 *.0 / : - 51 66.0 +*6 06 :0 20 .6 1 4+.2+85. 6 2+8
* 6 6+6.. 1 18 "1" 1% 0"1* 1 61 - 0*61 + - 5 .0 041 / 9++ - * 0. 12 4 1*4
*0916 + - + 6 5 .0 041 "1, " ,+6 + 5 , 1 + 6 ,1 +561 < 3+ 404 6 1*0 . . ,0 0
<+ " 8 ,+ - ,+ . "06 51 6 4+1 + - 4 0 + - 5+" .6 1*0 - + *. 04 6. 06 09 8 : - .
, 0*6 2+8 6.6 - + * . - , 6 . ,0 6. - 0* 40 0 6 06 * . 00 - ,1* +9 6 - .9*1 "5. @
*1 + - 21*1 3+ 51*60 1 60 *9 +0*6 + - 51*40 0 .41 50 1 " . - .3+. 5"0*. - ;
3+. - : 8 *0 - *0 0 60*60 : / 6.*40 - * - + + - 0:. 0 - 6 .561 . , 4 0561 15?
5 41 . / * 3+. / / : - . ,7 *.0 .0*0.0 050 6.0 +*6 6.6 - 404 6+ 4 - "2 - "6 a
" *0 . - 8 9* 8 06 6; - 5.* 8 1, 5 .0 04+8 5 14 6 1* 8 * - +".6+8 4 *+ - 40
, 061 * E 1+4. * . - . 00 - +2 ,+ 614 . 6 .4 6+8 ,+ - 0 5+ 9. "%06 51 60. 4 - %+8
0 6 0, - +"61 51 6 =0". *4 5 150? 1 0*4 "+ - / S." (0/6 *. :0 8 20"" , .8
4+140, - *+50 0/ 6 +4.8 " 61 "090*41 06 . - * 2+8 , ,+ - *.: 9.*4 8 . , ,1 - - 1?
4.6.8 . , , 6.6 1*. 8 0/ 1*4 .91* "09 1*0 *4 " 90*6 +8 ,+ 614 6.8 *60 , 5 +*6
,6 - .9*1 09 1 + - 4. - *1 *,0*4+*6 (+2 4 60 - 5+8 5 1 0/ +6 2 .4 6+7. .4 *
+".8 * 3+ 2+8 20"" . 00 - 1040 .6 ,1""1, .:0 .*6 .50 06 1551 6+*+ - .6+8 J
*.0 4. - * .2.*6 .0 " - 60 .4 ,56,*6 1*0 - 1551 6. - * 5160 6.60 - 04 90 0 4
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5 1 1*4 .91* 1 : . - 5 .00+*60 * . "60 . - * +".0 5. - 6 .* 0 <+2 0 6 3+14 ""
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- 0*61 6 + - - "" + - 504 6+ - . , ,0562 4+, 2+8 . 1"1 1J+R. 1 &0 4+91 . , E.""1
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40 06kˁ3+ 2+8ˁ06ˁ .4<+* 6.ˁ &ˁ 5.*1 + - ˁ 9*.ˁ $.+"1ˁ * 0 +8ˁ 0 9 ˁ 09.0ˁ : ' # ˁ ˁ
- 6 8ˁ,6ˁ J"1 1*ˁ"09 1*08ˁ71 5 6 + - ˁ7.202.*6ˁ 55 4+ - ˁ .990 ˁ - 51 6+ - ˁ 1 - .ˁ
3+.4 .6.ˁ 04ˁ51 04.ˁ6+ - +"1ˁ. + 9 6ˁ6+ 2+8ˁ60 .ˁ155"06 8ˁ06ˁ 1"%.ˁ5 1 +*4.ˁ06ˁ.3+.ˁ
5"0*.ˁ: .""".6+ - ˁ ˁ ,1 - 5"+ 2+8ˁ 60 - ˁ, .*." 2+8ˁ - .*+ˁ . 6 8ˁ06ˁ 5."+4 2+8ˁ, *4+ - ˁ 3+ B
2+8ˁ51*608ˁ +2 60 *0 0ˁ15+8ˁ " 6ˁ+6ˁ *40ˁ 50 ˁ71 5 6 .ˁ" 20 0ˁ ,1 - - 0. 0ˁ " ,0 06ˁ 4 ˁ
0+ - ˁ60*02.6ˁU (. - - . .*+8ˁE.""+8ˁ,+ - ˁ :ˁE.""1 - - ˁ E0 - .*1 + ˁ (,161 + - ˁ06ˁ
&ˁ .6.:1 + - ˁ 9* 8ˁ ˁ3+ ˁ ,+*4.ˁ.4ˁ40 0* 4*0 - ˁ*0,0". .ˁ,1 - 5R.:0 .6 ˁ,4* ".6 8ˁ
61 - 0*6 8 ˁ06, .6 2+8ˁ6R2 2+8ˁ06ˁ ."%0 2+8ˁ3+18ˁ - + , 2+8ˁ06ˁ 46. - - ˁ,".: 8ˁ,1* ˁ
/0 .6ˁ.4ˁ + *. - ˁ 0 :.*4. - ˁ,+ - ˁ 09 ˁ: - ˁ .,0 0*6ˁ5. .6 8ˁ %+ *ˁ,+*018ˁ4+18ˁ0/ ˁ
, .: . ˁ3+.ˁ5. 60ˁ: - ˁ .4+648ˁ 5.*18ˁ 5+6.2.6ˁ06ˁ6+ 0* ˁ60 - 5"ˁ + 14ˁ<+"%0 . ˁ
6 .2 2+8ˁ +2<04 8ˁ*0ˁ + - ˁ40, 40 06ˁ + *.ˁ +.ˁ 1"%. - ˁ,1 - 5"0 06ˁ :0 .ˁ5. 60ˁ 0 ˁ
9 +8ˁ "+: + - ˁ12 6 - 4.ˁ60 .ˁ06ˁ" 9*46+ - ˁ . , 2+8ˁ.":01ˁ.2ˁ155 41ˁ .:0 6 6ˁ ˁ3+14ˁ12 ˁ
0 " 8ˁ.4 - 14+ - ˁ *,1 - - 14.: 6ˁ5 14+413+0ˁ:.""1ˁ06ˁ41" 8ˁ: - *0 8ˁ *ˁ.990 0ˁ 6. ˁ
6+6 8ˁ4+1ˁ61 - 0*6.ˁ,1*6 .ˁ6+ 0 - ˁ60 - 5"ˁ4 9ˁ<+206ˁ *40ˁ *ˁ.990 0ˁ, .6. .4.0ˁ4 51ˁ
6.ˁ ˁ61 - 0*6. 3+.0ˁ6 .* :0 .ˁ:0 20 .6 1 0ˁ *+ + - ˁ5+" .2.*6 06ˁ:ˁ.".ˁ * 1* ˁ
1 60* ˁ.990 0ˁ G+1ˁ .44ˁ6+2 ,0*ˁ.2ˁ 0 9 1ˁ *ˁ155 4+ - ˁ - 8ˁ3+ˁ404 6 1*0 - ˁ
- 50 . 06ˁ 04ˁ (. - - . .*160 - 5+85060*60ˁ3+4 .+ 1*0* 0 .,0 6 1 0 - .,0 06ˁ
: " ˁ 4ˁG+ *6 "ˁ:0 20 .6 1ˁ *,71.6.ˁ0 6ˁ3+.ˁ50ˁ3+.6 4++ - ˁ 05066.ˁ51 6ˁ6+ *. - ˁ
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"+8ˁ ". , 0ˁ12 0 ˁ - 4"02. .6+ ˁ455+9*.6 1ˁ - 50 .6+ ˁ ˁ *ˁ3+.ˁJ .*, 0 &."40
E. 5. 8ˁ9ˁ . 6 ˁJ0 4 *.*4 %1 06.*ˁ06ˁA+" .* 1 - 0 ˁ"09 1*08ˁ06ˁ 09.0ˁ,1 - 08ˁ
,+ - ˁE0 - .* 8ˁ" ,06ˁ *<+ "+8ˁ,0 6.6 - ˁ 16 8ˁ: 2+8ˁ5"+8ˁ71 .ˁ *609 .ˁ,+ - ˁ3+.4 .*6,ˁ
405+9*. +*6ˁ5 .0 4 . 8ˁ + - ˁ .,0 416+ - ˁ. - 4 2+8ˁ ,ˁ0* - ˁ.4ˁ"+4 2 + .ˁ,1 - 5. ˁ
0 0ˁ:1"+0 .*6ˁ5 1ˁ + *.ˁ + - - .ˁ0ˁ 4+, .ˁ1 60*6.*6 2+8ˁ06ˁ ./ 8ˁ5.: - 0*61ˁ<. - ˁ.2ˁ
12 4 1* 8ˁ * 6 1ˁ(. - - . .*ˁ<+ "+ˁ *ˁ7+*,ˁ+ + - ˁ406 .41ˁ 5"+ - 21ˁ + " ˁ5 ,0ˁ. 6 ˁ
, 1 8ˁ9* 2+8ˁ.,ˁ, ,+" 8ˁ. 40*6 2+8ˁ 5.*18ˁ * 0 6.*6 2+8ˁ %.*40 - ˁ *+ - 0 1ˁ: 4"
0 0 +*6ˁ.4ˁ+*+ - ˁ1 - *08ˁ 0 0ˁ1, , ˁ *. - ˁ6.*6+ - ˁ0/ˁ1 - * ˁ - +"6 6+4 *0ˁ / /ˁ +50 ˁ
+ "0ˁ4 ,+*6+ ˁ 1*ˁ - " 6 ˁ*1*ˁ455 4.* 8ˁ5. , 6+ - ˁ*+""1ˁ 0/+8ˁ.+6ˁ.06.6 8ˁ 0 504+ˁ ˁ
51 6ˁ4 056 5*0 - ˁ06 . - ˁ ,0*4 1ˁ - - "2ˁ /ˁ 5.* 8ˁ.4ˁ,ˁ40 40 .6ˁˁ06ˁ *ˁ7 8ˁJ .*ˁ
0 0+8ˁ 0"6 . - +8ˁ3+ ˁ5 - +8ˁ *ˁ - + + - ˁ4 +6+ - ˁ * " 6ˁ5"+ 08ˁ .+, .6ˁˁ *ˁ3+1 + - ˁ
*+ - 0 1ˁ + 6ˁ(.*4 +8ˁ 0"6 . - +8ˁ$0**.ˁ $ .0 4 1ˁ - 51" 61ˁ+6ˁ71 60 8ˁ .""0 06ˁ 0 ˁ
9 +8ˁJ+R. + - ˁ06ˁ . 6 " + - ˁ,+ - ˁ"09 1* 2+8ˁ + 8ˁE0 - .*1 + - ˁ06ˁ 5.*1 + - ˁ" *0ˁ
9* 8ˁ 0 04. - + - ˁ:0 +8ˁ60ˁ, .50 0ˁ<+206ˁ61 - .6 8#) "6 .<04+ - ˁ:0 +8ˁ 0 - "" 8ˁ
,+ - ˁ ˁ% 0"1* 1ˁ06ˁ 09.0ˁ,1 - 60ˁ .6 0ˁ3+ 2+8ˁ1 - * 2+8ˁ *ˁ1, ,+"61ˁ - .*4.6+ - ˁ +6ˁ
51 6 4 0ˁˁ(,71*4: . - ˁ:0 +8ˁ60ˁ"040 0*6ˁ .ˁ+ 28ˁ ˁ.2ˁV 3+ 8ˁ"0+, 8ˁ0/ 9+1ˁ
. - 2 6+ˁ2 .,7 1ˁ A 0* ˁ - 51" 6.ˁ !# 0, . - ˁ:+"91ˁ:1, .*6@ 06.0 6+. 5 - . 8.""+ 6+ ˁ
3+1ˁ 0,040*60ˁ *ˁ" , ,1ˁ40 6 6+ 6+ ˁ5"+8ˁ ˁ5."%++ - ˁ 5.6 1ˁ.2ˁ0.ˁ5. 60ˁ3+.0ˁ .990 0 - ˁ
1ˁ - 50*0* 0 - ˁ 0"5 , 6kˁ - +* 6 "" - .ˁ6+ 2+8ˁ - + 1ˁ - 5ˁ06ˁ 5%.ˁ5 1 +*4.ˁ:."ˁ
". 6. ˁ3+.ˁ5. 60ˁ - . 0ˁ * "+ 6ˁ402 " 1 ˁ 55 4.* ˁ 0 0ˁ - .<1 + - ˁ .0 8ˁ.44 4ˁ0 .*6ˁ
04ˁ +50 1 2+8ˁ.** 8ˁ - 06+ˁ516 +8ˁ3+. - ˁ 51*60ˁ *ˁ .:4 1*5* 8‖5160 6.60 - ˁ 0ˁ6 .4?
40 .*6ˁ 1,+ - ˁ60*02.6ˁ ˁE. 4.ˁE.""+8ˁ.2ˁ .+ 1*0*"ˁ - 51" 6+8ˁ71 - 1ˁ 6 0 ++8ˁ06ˁ
- 140 .6+8ˁ,+ - ˁ ˁE." 1 + - ˁ .6.:1 + - ˁ06ˁ(,161 + - ˁ5 .0" 4 5<ˁ3+ ˁ06ˁ - +* 6 1*0 6ˁ
.*60ˁ + 20 - ˁ0/, 6.:0 .6ˁ3+. - ˁ6. - 0*ˁ5 - 1ˁ 5.*1 + - ˁ .4:0*6+ˁ5 .0" 4 . ˁ4, ˁ
0 +0 0 ˁ *ˁ 1* 1 60* ˁ0gˁ - 50 07"ˁ ,1""1, .6.0ˁ&."40" ˁ ,6ˁ:060 .*1 - - ˁ"09 1B
*08ˁ ˁ3+.0ˁ51 6ˁ2 4+ - ˁ<+" +ˁ .+ 1*0*" 8ˁ .50 6 Xˁ.990 2+8ˁ,+ - ˁ * +"6+ - ˁ4. - *0
. , , 50 0*6

% $ ˁ ˁ *ˁ ˁ ˁ ˁ ˁ ˁ ˁ 6 /ˁ %
ˁ ˁ4 ˁ ˁ ˁ $ˁ Mˁ) #ˁ ˁ5 ˁ /X& . ˁ ˁ ˁ% $0& ˁ ˁ ˁ ˁ+ ˁ
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)8[" ' *6 .'/' 4 08' *+""+ - ' +20 %0' .2' *+*4.6 1*0'50 ,+"+*' ' 3+ ' *0' 60 - 5+8' 62' 50 06?
*1/ 1 9 . - ' *' +"60 1 0 - ' . - * 8' 5. - ' ,+ - ' * ' ,171 6 2+8' 6 .* - 660 0'<+2,6' ,6'
7 +*"6 1*0 - ' 1" - ' .2' 5.7 8'0/6 +42. - ' 1, ,+5. 0' ' 0/' 3+.' 4 51 6 8' 61 .0*6 8' *' 15 '
5 4+* ' 3+. - : 8' - 04 1' "+ - *0 ' :0 20 .6 1' * 6 6 6.' 0 6' - .9*1' 09 , 6+ - ' 01 - - 141 '
3+ 550' ,+ - ' - + +8' .2' 0.' 5. 60' 402 " 1 ' 0 ,6' (6 .6+8' 06' 51*8' 0/' * . : 9 8' . # 09.0'
,1 - 60' .44+4"8 ' * ." 8' 06' .*60** 8' 6 .* :0 8' 6 .*9+". ' 50, 0' - .6+8 6.' +6' .* '
9+" ' - 506+ - ' .3+. + .' .*90 0*6 ' 06' .+/ " . 08' 3+. - " 206' :0*61' 06' .0 6+. 1' .4<+6 '
*40' . ,0 0*6+ ' 0*41C.' , 2 6 ' *1*4+ - ' E. 4. - ' ,+ - ' 12 0 ".' 0 6' (,71*1: . ' 71,'
0 6' 5 4' 4 ' G+ 76 " ' *' + 20' + "0 ' 04' 51 60.' ,+ - ' .+/ " . 2+8' :0* "0 ' 06' . 6 , 1 '
+ - ' ""+ - 51*60 - ' *1*' 20*0' <+*4 8' .*60** 8' ,1 - 5 .4+ - ' 50 +5 "0 ' 06 ' 51 63+. - '
.+/ " .' *6 14+/ 6' + 2 8' - 50 + - ' . , ,05 "0' 1/' .4:04.' 50 ' , . * ."0 - ') "6 .<041'
61 - 0*6. ' 06' :0 2, .6 1*0'0/' .4:0 .' 5.' .4. ' *90*8' + * .' 04 6. ' 06 ' ,+ - ' *140' * '
60 <04.' 7+"". - ' *' 0.' 0 :.*4.' 155 4.*18' 150 . - ' 51 + 60' ,0 *0 06' E. 4. ' 01 + - ' + '
504. - ' - 0 61' 40 - ' 7.20*8' . , ' ;0 6+8 ' *0 ' ,+ - ' : 8' 0 06' 5"+8' .2' "" 8' .' 60 91' 3+. - '
.2' 5.* 8' 1*60 - ' 5060*6 2+8' 50 ,+" ' 0 "06' 0/' 4+,+ - ' ,1* " 1' 40' 404 6 1*0' .90 0'
,105 6<& 6. - 3+0' . ,' 08' .": .8' 5 .4+8 ' 06' +6,+ - ' 6; - 5 .* 8' . ,' 69* 8' 4 - 660 0*6+ ' "1,+ - '
0 9 1' 6 .4 4 6' /"S." ' (056' 3+ ' *+"".' - 1 .' *60 <04.' *40' - 50* . - ' 4+066' ' .'
(,71*1: .' "0+, 8' 160 14. - + - ' :0 +8 ' 3+ ' "1,+8' 0 6' *' ,1* "+0*6 ' ' 0, .0 ' h .7." 8'
06' 1 .0 ' - .9* ' - 1 - 0*6 ' 0 04 6+8 ' 3+14' "0" - 1*4.0' * +".0' 06' 160 14. - 0* 6' - '
- *0 .6' 4023+0' 4+.2+8' - +* 6 1* 2+8 ' 3+.0' , , , ' , , 60 ' - " 6+ - ' 5 .0 4 1' 0 :. '
2.*6+ - .6+8' 3+. + - ' 5 .0, 5+.' 0 .6' 1 - .' 6 .*9+". 0' *' 5 1' ,1*,+ +' "+: 1 - - '
51 6. ' ."60 .' *' .4:0 .' 2 . ,7 ' 70*.* ' 5. ' 3+.0' - 1/' :0* 0*60' 0/0 , 6+' 0" 4 . ,'
+*6 ' .2' 0 9 1' 6.6 - ' : ." 41' 5 .0 4 1' - .6.0 ' 3+ ' 06' 60 6 . - ' - +* 6 1*0 - ' *' 5"2'
,1* "+0*60' 0/6 + ' ,+ .: 6' 4.61' *0916 1' 09.0' ,1 - 6' .6 ' 06' . 1"1' J+R. 1 ' +6'
2' 0 04. - + - ' ,1 1*.' , *90 0*6' < 0/6 +4 8' , ,+ - ' ." 3+16' - +* 6 1* 2+8 ' 3+ 2+8' - 0 '
4 8) "6 .<04+ - ' 06' - 606 14. - + - ' .2' 71 6 + - ' *,+ " 1* 2+8' 40 0*40 0*6+ ' 8'
,1* 04 8 ' 5 1 0/ ,15 .8' 0/' .6.: .' 0:1, .6 ' 06 ' ,+ - ' : 40 06 ' 616+ - ' 0 0' ,1*6 *0*60 - '
*' 5160 6.60 - ' 04.4+ - * + .8 ' 3+ 2+8' 0' 1040 .6 ' ,1*6 *0 0*6 ' 6.*6+ - ' +50 0 "0 ' .4'
0.8 +2<+9.*4.8' .* + - ' .4<0, 6' 4' .+60 - ' 2.+4' .4+' 4 , "0' <+4 , .2.6' 6' 504 6 ' 3+1'
156 - 1' .2+*4.2.6' *' * +".8' 5040 - ' 51*0 0' " ,0 06' 4' - . 6 - 8' 15 2+8 ' 3+ 2+8'
71 608' 5 .051""02.*6 ' ,+ - ' *00' ,1 - - 140' *0,' 6+61' 0 ' 51 "0' : 40 06+ ' 0/' 3+1 +*4. - '
0".6 1*0' ,1 - 50 6' 51 "0' : .41' *' * +".8' 6 .* - 66 ' 3+14' +6' 0 6 +8' 0/5"1 . 06' 01'
40"0418' - 66 6' 3+ ' ,10"1' 3+. - H' , 0*1 ' 6. 660 ' +21 6.' *+20,+".' 12 6041 ' ,". "0 - '
71 6 "0 - ' 3+.0' *' 0/,+2 8' 0 .6' %,""0 +*6

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0? = #'   % ' ? ' # !3* ' *Q3* ' * F' ; ?!
0'3* ' *' ' % '$ ' ' ' ' ' f * ,B69Y* ' !
' (' * ')*$ ' 'Hk *S % (% ' ' ' ' [
' ' '*$ ' ' * '* % ' *%('$ % # ,
6+4 *06*'0/, 0: 6'.'$".*4 1 +-'5 *, 5 2+8'12'"1,'1555 6+* 6.60-' .-2 6 1 0' .0'
5 +8'20""1'506 6.<'06'.' 'E+ 41*0' .-506 .' *'5 - 8' * 0" , 6, '1" *'60*6.6.' ,+-'= '
,C0.* '$7 " 55'$+",7 '15 2+8' +2* /"'3+ '01 +-'.+/ " 1'A1.**0-'9'$040 1 +-'06'
0*0 +-'E -."4+-'E0*+0* 0-' ,+-'6 0- 2+8'6+*,'5 -+-' *' ""1' - . 6',1*?
50," 8' +- - 0 .6' *90*60-': 41 .-' 051 6.: 6' ,.561' 5 1' .-506 .'06'5"0 3+0'
,/'5 1,0 2+8'.**1' 7 6', 1,,, ' 4'(0/6"' $ 15 1',1*6 *0*60'06':0"+6' *60'
'h ."., .-'06'(,."4 .-'?(+6:0".*4 .'0/51 9 6+ ' .' 1"1' .4' .+6 +-'1551 61'"0'
40*1- *.6.' +.0' -./ -.-'<.4+ .-'5.+, 8'.27 *,'.** 8'.2'.0 6+'5. .'0 6' 6.'+6'4 '
- 4 1'<.-'"6'.*9+ 6 1 ' *.-'.2'7.,'.:+" .'0 6' 1-0 :.7."8'+*4 3+0' -. ', *4.'
-+"6 8':."".6.'51 - 10 8'3+.0'."8'*091 6 .6 1*0' 1".' +2" 6 6' *'1,, 40*6."0' * +".0'
5. 60'"6.'0 6'"E10 .', : 6.8'0/ 9+.' 04' 5"0*4 40'0/6 +4.' (+5 .'7.*,'Y 6+.6 48'
0 0',0*60 - *.'06'0/ 9+1'6.*6+-' 061'4 0 06.' * +".'<.,06 F *'3+.#%0"1* +-'15'
5 4+-'.':04 9."'06'51 61 8' 6.'.550"".6+-'3+14'06' * +".0'*1-0*'4.6' ,+' + +8'
.".'.**0/.'0 6'1,,. +-':0 +8'7.+4' -.<1 0' 5.6 1'4 0606.' *'3+.'] **0".*4 .'0 6'
,6' . 6 * .*+8'.990 ' .+" 1*0*"8'4 6 1* 8', : 6.8'"1,1' .-10*1'06'. 21 2+8'. '
40. +-'* 4+".6 1*0' 03+0*6 2+8',1* 61'51 6.' ,+'.4'1 6+-'12< ,06' '$7 " 551".*'
4 .'.2'.0 6+'-. 8'.*60'5.+,18'.* 18'12 +6.'06' *'. 0*. .8' 04.4.'0/'3+.' *'A +'
:0".*4 .-'.',1"+-2. +-' 03+0*6 .' 6.'40*1- *.6.-' 2 0: 8'6 .<04+8'0 6'< 3+.0'
+ +8' (,."4 .0' 2 0:' *60 <041' 061' 0 0' ,1*<+*9 6+ ' (+5 .' .3+ "1*0-':0 +8'
'E10 04.'0 6'.' 4.'*.: +-'6.6 1*0'06' *' 1 .0' 0+'h .7."8'.+6'516 +8'."60 +8' 70*'
2 .,7 '.0 6+. 1'l' '0".',6' "0"-1*4.'3+.0':0"+6' .6.:1 +-'.550*4 ,08' +*6' *'
90* .' 8'515+"8'3+.*3+.-',10"1'*02+"1 1'06' 1"1' 0 0'5."+6 ' -.9 8'3+.-'-04 '
60 .*0 8': , * 8' +*6' *4+6 .''06',+-' .2.*6'7". 08' 0 6:' 4 ,+" ' *'"+4 , 8'
- -14 , ' J".*4 ' -+"0 1"'06' *60-50 .*608< .6.:'" -5" ,08' *,.+6 ' *, 608'
09*08'.,' 61"4':+"9. '4 40 1' .550"".*6+'< ="0".*4',."4 ':. ' +241" '4 ,.,08'
,6',.56 1" '1-* +-',1* 0* +'0/ 6 -.*6+ 3+."'*.6+ . 3+14' "" 8'.'*.6."' 1"1'400 6'
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:1":.*6+ '.,' 09.*6+ ' 6.3+0'0/'.:1 +-.5+4'018'-0-1 .',1* 6.6'5"+8',<+90 +-'
%4 "5.6 8'.990 2+8'-. 7.+6.' .,' + +8'0<3 40-'-. 8'20*0 , 1'06' *4 90*.'
/+-'*4+6 .'."8' * +".8'0*.6.8'06'0/,+"6.8' 6.'+6'3+.0'.2')*.'5. 60'.2 .4+*6+ '."B
60 0'.""+: 1*0'.4< , .*6+ '*+*3+.-'40 , 0*60'*1: 8' * +"8'0/6 +0*4 8'-.60 .' .8'
* +".8'3+.0' 1040 .6 8',1*6 *0*6'0/,"+ 8'50 79+-'0 .*6',+-' *'5160 6.60-' 04 '
90 0'40, 0: "06'5 1 0/'5. .6 8'.*60'////'6 0- 2+8'/: '.+6'/: '6 .* 6 1 +-'06'. 8''
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5 .V 0 9.8'06' *40'50 0"1* + *'40'3+1'4 / ' **0".*4 .-':0* 6'3+1'<.-': ' '
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9 6. +*6ˢ* * +-ˢ40ˢ,.6. .4.ˢ *ˢ.990 0ˢ 8R0 0* ˢ06ˢ."ˢ *ˢ.990 0ˢ3+ˢ.4ˢ.ˢ
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5+9*. ˢ5".,+ 6ˢ 1,+8ˢ0 6ˢ *ˢ,1* * 1ˢ6 +-ˢ.990- -ˢ *ˢ01ˢ 0ˢ,1*6 *90*6 +-ˢ 6+8ˢ
5 1 +*4.ˢ1"%.ˢ06ˢ.3+.0ˢ5"0*.ˢ+*4 3)0ˢ, *4+8ˢ* ˢ3+.ˢ-. ˢ.""+ 6+ˢˢ3+1ˢ 0,040*60ˢ
. 0.ˢ *ˢ ,,1ˢ 0-.*02.6ˢ 1,1ˢ5 .00 .6ˢ " +8ˢE.""+8ˢ:060 .*+8ˢ1 4 *+-ˢ4+41 ˢ
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1 60*4 6ˢ3+1 ˢ +-ˢ4 ,Rˢ06ˢ.*40ˢ. -.6ˢ + +8ˢ,. +8ˢ *, 4 6ˢ3+ 1-*0-ˢ 0ˢ.- ,0ˢ
6 .* 90*4.0ˢ 50-ˢ5 .0, 4 6ˢ .-ˢ 41 ˢ$.,0,ˢ 9* 0 ˢ*16.61ˢ *60ˢ,1""13+0*ˢ
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1 20*0 ,1*:0* 02.6 . 5 16090 0:1,. + 3+ 6.6 - 0 %0"1* 1 +2 *60*6+8 .4
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4. - 40 6 *.6 ." 3+.*4 + 06. 4.6. +0 .6 6.*40 - .55+" 6 < ,+ +6 0,056+ - * *9" .
4. 06 - "+ - . 5 1 090 .4 " .2062. - 0 *. 4 *+ - 0*41C. - +50 1 0 .**1
4 / - +8 %+*, :0 1 06 ." ."09.6 1 40, 06. 0 6 - "%+ 3+0A1.**08 1 16+8 0 5.
6 1*+8 3+ *60 ." . . 09 *. 506 6 +6 020""0 8 0"9.8 0/ *9" . 0/50"", 06 3+14
" . 4+ + - 06 *7+ - .*+ - ,.+ .6. 6. - 0* ,+ - 104060 .":1 0,+ . 0 *1* 51 "06 "0
9.6+ - 5 +8 - 1*+ 6 : 40 06 5 1 0/ 3+. - * 3++ - 0 06 71 - *08 ,1* 0 0*6 .0 06
" 20 6." 50 +9 + - 3+.0 0*60 8 71 5 6 1 0/,"+4 001 4. 06+ 3+0 ,+ - .*60 3+ *B
3+0** + - 40 - .2 "2.*1 $7 " 55 *1 - *0 5060 06+ 3+. - 50 * , 1 0 4 ., , 40 6 <
3+ 550 2 *0 ,.56. 1,,. 1*0 . , .*+ - ,1 - 60 - 06 ." 18 0 0"9 , . *12 " 6.60 *.: B
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60 8 .9.6+ *0 "" 0/ 40 50 .6 1*0 .03+0 50 * , 1 . 0"9 1 ,1* 6" . , . 5".*6 7 "
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" - 6+ - 5 .0 0418 " 60 8 0/+" 2+8 0"9 8 6 . 6+ - 5 12 2+ 6 09* 3+0 *9 0
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71 - * .6 - ',1 - 5 070* # .+" 1*0* 68 +"0 2+ 9 +8 Q 0 90* 8'06' . , .*+8' ,16* ' " <6&'
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2 + - ' 5 - . 8' , : 2+8 ' 3+14' .' 09 * .' .4+ - ' 3+1' : , " - ' .'$7 " 551' 126 *0 06 ' +6'
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,6' *9"1 + - ' ' +. , ' 0 - *. + - ' 4 1":0 06+6' ' ,+<+8' "1 ,1' ."60 + - ' U' + 1,1 61 '
70 - 1 + + ' ,+ .*60' E 091 1' 1 - .*1' 51*6 ,0 ' .5+4' *18' * 6 6+6+ - ' + 6' - 50 '
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*. :08' *9" , .0 ' 06 . - ' =0". *4 .0' 4 *+ - ' 50 - +' 50 ' (, ."4 - ' *6+0 5 . - ' + <+0'
*. : 9. 0*6 ' 3+ 2+8' 20*0 , 8' 7.0,' .' 09 * .' 050* .' 0 6' 9 .6 .
' - ' 60 - 51 0' *' 5+2" ,1' 4 *+ - ' 1040 .61 + - ' ,1*:0*6+' ,176+"6.6+ - '
+ 6 ' 40' 5.6 1, * 1' 5160*6 " - ' ." ,+<+8' 5 *, 5 8' : , * ' - 5"1 .*41 ' 3+.*41' * "".'
508' 5. , 8' .+6' 0,+ 6.6 8' .'$7 " 551' . +"90 06 ' 06' 5 ' .'50,+* . ' 5 .0, 5+1' 20"" ' *0 :2 '
,6' .' - " 60' 50 ' 0' 402 "0(' 06' - 5. .6 ' 0 "0 6' 6' ."60 , .6+ - ' e0 6 ." 3+.*4 +' 0*60*6 8' '
,+ - ' ." ' .4' - 50 + - ' 06' - 50 ' 5 *, 508' . ,' , : 6.608 ' ." ' .4' 090 - ' E .""1 + - ' ." '
40* 3+0' .4' 09 * . - ' *9" .0' *," *. 0*6 ' & , 6' 6.*40 - ' , . ' 3+.0' 5 1' *9" 8' 0 .6
. - ' 3+1.4' E0 - .* .0' 5 *, 508 ' 6' .4' +* :0 18' 0 5 , .8 ' .4' 6+60". - ' +. - ' - 50 '
15 2+8' 5160*60 8 ' 01 + - ' 3+. - ' - + - ' 12+ ' ' 6. - ' 402 "0 8' 1508' 0 "0 ' 6' 6*9+" ' 6*9 2'
".6 - ' ." 3+ 4' .99 04 .*6+ ' 3+ 40 - ' * - 50 1' 5 *, 508' 0 0' 08' +.8' ,+ . 0 ' 40'
." , * 8' 5. + - ' 1" 4618' < 3+ 2+8' ' 6.*6+ - ' 0' *60 51*0 0' 4020*6 ' 3+ ' 20""1' 90 0*41'
:0"' ,1*6 .' 5160*6 " - 18' 0908' 5. 08' " *6 ' .4' 7.0, ' , "%+ .' 12' 0" 9 1*0 - ' 0 ' +6'
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*60 ' 5 18' 0"9 1' 516 6+8' ,060 18' 5160 6.60' +50 06' ' 06 ' +6' 3+ 4. - ' 0/' 8' *' 4' ,1*"5 ?'
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- 504 6+ + - ' *0' 0"9 ' .' $7 " 551' 40 , 0*6 8' 5.6 1, * + - ' .2' - 50 1' .+6' - 50 '
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1508' 06' 12' *:060 .6.8' * - , 6 .8' 06' 09* ' 5 .0 0 61 + - ' 50 4 . - ' 06' .: . 6 . - ' 06' 51 '
6++ - ' 4 6. .6 .8 ' 3+.0' 08' *' *0916 .6 1*0 ' 3+.' 0 0' 0"9 + - ' ,1* 6.6 - . / - ' - 1 - 0*60'
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40 .6 ' 5.6 1, * + - ' E ."" , .0' ,1 1*.0' - "1 0*6;' *0' 5, 506+1' 20""+ - ' "" 8' ,+ - ' .?'
2.*6 8 ' $".*4 8' 8' 6 02.6 2+8' 06' .**1* 8 ' 3+ 2+ ,+ - ' ." 13+ ' ,1*:0* 0' 51 " *6 '
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3+. - ' ,1 - - + 18 I' +6' *' 104+8' ,+ - ' J .*, 8' * 6+ - ' ,1* 0*6 .*6 ' 06 ' +6' 406+ ' 0" '
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+ - ' 0 "0' .' 09*1' 20"" 8' , : " 2+8' 0/7.+ 61 ' 06' ,+<+8' *1:+8' 5 *,058' 6. - ' .' $ 160 6. *6 '
2+8' ." 0*+8' *+*3+. - ' <+ 6.8' .6 1*08 ' 3+ 2+8' 0"9.0' , .+ . - ' +. - ' 6+0*6+ ' 6' 5 1 '
2.6+ +8' N *' *9" 8' 4 :0 6.60 - ' " *9+.0' 3+ 40 - ' 40 40 . ' 04' 7.*,' 4 ,+"6.60 - '
50* . ' 0" 9 1* 8' ,1* 0* 1*0 ' *0916 .6 1* 8' 12' 51 6++ - ' 1551 6+* 6.60 - ' ,1 - - 14 '
6.60 ' 3+.0' - .9*.' 09 * .0' 606 .' - . 3+0' 5160*6 .' .4<+:06+ ' 06' .03+.' , 6 .' 9 .:0 8
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& ' ' ' ' ' ' % ' ?' &0 6 - 0 ". *4 .0' ' ' 4' &0 6+ - 2 .0' G ' , ' ' ' B .' ' - 506 .6+ - ' 06
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5 17 2 6.'06 : 6.0'*0,0 ".6 8 40.09.6 8'6+6*+"6+.6+ 18' +,0+ 0*4' *: ,0 - '06 : 0 8
6. -'0/ 9+1'"1,1/+ *'06 60 *51 8 5.6 1'50' - . 0',1* 0 0*4' 1551 6+* 6.60 .2".6.' 06
A50 - . 8 516 +*4 50 '71,' 104+8 1 - * .1'.40 - 56.'. .* . .':061' (+0, . - '
4. -' *J <7.'1 0.6."< 06 - . 6 - .8'.,'&..4.A ,.8 E0 - .* .0', : 6.608' .,'40* 3+,'
A .*, . -' 5 . -' 1040 071,<+*9'0/506 6+ .8'*0,'4+2 + -' 0" *3+ +2',060 ., 0"9 '
5 1: *, .0 2'1 - *0 -'3+.04 - <'06 *0916 .*4'A 20 6.60 -'7.,' .6 1*,'0 056. -' 0. '
6 .*6'3+ *'7+ ,' 0 1, 06.6' *6 .55",.6+ .0' 6.3+0 40, 06.' *' *9" . -'R9.6 1'< ,,'
6* "'$7 " 55+8U . * / +8 (.*6."91*4.*+8'A1.**08' ' 1+C. 1 41: ,+8'E+"0" - +8
' :0""+8' $.+"+86 +"X+806J .*, ,+8# .0"" *+8'3+',0 6 8 1*4 6 1* 2+8' 050'
6 61< +6 09 *.0 - .9 8 2".*4 0 6+ '.'E+"0" - 1' ' .**1* .0' 1) .*4 .,'06 =0". +'
4 .0,1 - 60 5 +8 90*0 H' 0 5 +8 5.6 1, * 1' 2< ,0 0*6' &0 + -' " . ' 5.*1 + -'
* - 46 .8'E.""1 + -' *: 4 . -'06 - ./ - 18 20""1'90 0*41' + - 56+8, .+ .6.' 0 0/,+'
.: 6 ' 5 .0 0*6 . J 40 ,''$0 0*16' . - 5 * .,'.4 5 . -' +2 4 60 - 518.'5 1 09,'
- " ' +6 , 04 6+ '60 6.'*03+0 6. - 0*'1 - * *1' 0,+ .: 6k 3+ 550 3+.0 . .5 * . '
,+ .' - 1*+0 6'+6 - .6+ 0,1*"".',1 - 51*0*4 8 0"9 ' - 16 2+8 41*,.' * 0*6+ '.*?
603+. - 1040 .6'.4'0/6 0 - . -'40"50 .6 1*0 -'.4 9.*6+ '' 71,'.44 61' '7.0, - 1* 6.'
$7 " 55+8 06 0<+8 ,1* 4 . '*09" 90 0*6'*0 - 1"0 60 0 .6' ' 5 .' 0,+ 6.6 8 +.0,.+".'
1"".*4 .0 06 =0".*4 .0 5.6 1, * + -' + , 5 .6'.*603+. -'E.""'50 506+' *9"1 +*'
71" 08 0 8 516 .*6+ ' 6.'4 - ' . - 5 * .,+8'06 1040 .61 + -'"09.6'< 3+ 2+8 06 50 '
- "%+ -' +6 . - .' - .,7 *.8',1 - - 0.6+ -' *' *9" .',1 - 5. .6+ -' 0,+*'.:070 0 06
" 20 0,1* , 20 0 - " 60 -'51 0*6 ' ?' 140 - 3+0 60 - 51 0 .* 0"0 -'' 190 + -'.4
.+ 1*0* 0 -' - 66 6'+6 .' 1040 .6 1*0,+ -'E."" 8 5 1' 0"9 1' *0+*4.'.4 3+. -'
.** 60*60 A1' & ""0 1' *1 6 .60',+<+8 5 +40*6 .0 06 .03+ 6.6' - +"6+ -' 6 2+02.6'
3+14. - - 141'<. -'6+ *' 0 02.6+ ' 5 + -'4071 6. 06+ ' S+8 06 *' "5.* . -'V 0*'
,+8 127. - +8'+6 5., 8 ,1*"".'$7 " 551' *"*+. 06'.4 0. - 3+0 0*' " .2067.'
150 . -' +. -',+ -'5 1" /.'.* - '20*0:1"'" 9* ,.6 1*0 50 '0+ -'406+" 6' 40 -'. 6+ -'
06 ,+ -' 03+0 0* 1'50' 120 6+ -' i 1 206+ -' *6, 0.' - .9*.' "5.* ,.0 ,". " 8
5. 8 *' *9" . -'*.: 9.:0 .6'0/' 1040 0. - ,0 0/,056.' .*6 0 0 *.:08 0/' 01' 90?
*0 0'3+.8 :+"91' .2 .8;1,.*6< *' 4 .2 ,.6.0'+6 8 5.*'.*9+ 6.'06 :.41 .' "+'
- *+ -',1 - - 14 +8 6 .< ,0 0*6' + - 3+ '.4 '&04 -' * +". -'.55+" 40*6' *40'
" .2067.0<+ +'404+,0*6 2+8 *9" 8'5+*R0 R. -'50 : 0 +*6'0/51 61' *'60 . -'
- " 60 06 50,+* .' + -'50'7;0 - 0 -' *'01'51 6+' - 5 .*6+ '*.:08'71 0*4.'06 104.'
60 - 50 6.60 +21 6.',1"" .0 06 3+. ".6.0 +*6' - . 6 - 8 "5.*1 + -',1*.6 2+8 0 - '
50 ' ,+6'6+*, ' 6.'06 0 0 40 *,058' *' 0"9 1' ""+40*60 1 6+*.? '
'% '4+ -'.9+*6+ '3+."'5.,.6 8 02+8 4 *08' - 0*60 20*0 - 51 60 + -'
5 .0 .9.'*0 *' - 04 1'3+ 40 -'<20""1'" 60 . + -',+"6+ -'06 5+0 "0 -' * 6 6+6 1*0 -'*09'
" 90 0 : 40 0*6+ '0/' .+" 1*0* 8 ,1*""1'.,.40 - . - ' +94+*' .6.:1 + -' * 6 '
6++*6'. - 5" 80/ ., 45.6 - 1* 1:0 6 9." 2+85 1'60 - 51 0.66 2+6 8 ' 3+.00/0106
<+:0*6+6 8 ,1*,+ +'06 : 1 + -'41.1 + -' 03+0*6.' *'7.*,'3+. *' ; 40 - +8',+ -'
3+1: 8 1 2 8 7 6 .*'9; - *. 1',1 - 5. .*4. -',0"02 6.60 -'0/, 0: 6'
& ' ' #' *9" .' ,060 13+' 71,'.**1'3+ 06.' *1** 7 "6+ 2.6+ -'0/'"0:'06 1 '
6+ 61' ,. +' + 6' A1.**08' 'J1 60 +8' " - 6 8 06 5 1' 60 - 51 0 0 Z ,'5 .0 04+8
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3+.0 , 0*6 ."60 , .*6 2+8 06 * :0 2. . 5, 1 . 5 16+ - 50*6 2+8 7 *, 5 .0 0 61 7 *,
,+ 6140 0/, 6.6. 06 . - 40 +2 0561 , .", . *60 " /.8 /. 6+ - +"6+. 1 . - . ,1
5 +*6 5. 8 * 50,+" . 0 - * - ,+ - * : .4 6 5. 8 * 03+18 7+0 ""+, 4 50 18 .4 5 .0?
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$ - 0 ,1*9 0 + (,16 .2 *9" 8 5+"" 06 . - ,70""+8 , .56+8 :0 + - : 6 0 .4 .
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2 J0*Z ,+8 ." , .56 06 ."R0 67. - +2 2 1 61* +8 5 1 0/ 0 .6 404+4 +6 ,1
- 60 . , 50 7+ - .*0 .2 01 7.2 6 04 6.*6 50 4060*6 4+ - 0,0*6 .47+, 0,056. ,
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- * . .4 *9) , *1 - * 8 40,+8 4 5 4. 0 0/ 6 - .*8 p 06 3+.6 3+. - ,+"5. - 50*08
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1 6. - 0* 5 +8 5". , . 516+ 6 3+. - 5 1 0/ " 21 . , ,+ - +*6 *941* 1 ,1 - 6,
0 - 8 .4 ,1""13+ + - :0 6 06 .4 0 . , 0*4. - *1 - * *9" , .*1 * 4". - 71,
.41 9*1 - * . - 06 51 6 71*1 , .8 0. 40 0 0/,+ .6 1*08 . - ,70 "+ - 3+. 404
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41 - *1* *0 41* 8 05. +8 0 6 . 6. 71, 5.41 *60 " .2067. - 06 5 1 090 - . -
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,0 ""6 A. , . - "61* +8 ?# . 6 ."4 4+/ 06 .* .0 ,1 - 08 : 6161 09*1 *12 ""
- +8 06 A. ,12 0 . 5 1*0518 5* 6 *90* 1 06 5 121 3+ ,9 *.0 . .0 06
09* 6+61 51 60. , .56 : .0 , .+ . - ,1* 6.*6 " - 0 6+6.6+8 0 6 616. : 6. .2 .4:0 .0
5. 6 8 5 1,0 2+8 ,". - 06 .50 60 0/.9 6.6+8

V 20 * . 5 1/ - . D "0/ +8 616 4 ,+"6.6 2+8 06 .*9 6 870 60 *1 .**1
,1* " 4.6+8 ,+7. +6 0 5 1: *, . 0:1, . 06+ * *9" . 40, 06+ - 0 0 *60""0/ "0
,1*4 6 1*0 +. .5+4 09 *. - 405"1 .6. .09 0 - 506 . : 6 3+171*0 6 +8 0;1, . 06+
+6 20"" ,+ - 2%+ "1971 0" 3+ .8 2 50 "03+ " ,0 06 6.3+0 *) "61* . - 5 1 041
01 ,+ - * 6 . . 40 0 : 40 0*6+ " 60 .0 .0 - +"1 + - . , 0 ,0 6 * 5 - 8 +9
90 6 1*0 :0*0 0 3+ 2+8 <+202.6+ +6 .2 . - 8 3+. - 5 - + - 40 60 06 06 ,+ - %+
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* 402.*6 4+, 6 3+ 2+8 *".602 .8 ,1 - 5+" 8 I 1 + - - 66 6 3+ U . ,7" *. -
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- 51 + 6 06 +6 1 - * 8 9 .6 .0 06 - 0" 1 8 +,00 " 8 508 5 .0, 40 06+ 0* ,+8 (4
0 +8 5 1 09 8 6 6+"1 40+1 * 20 * . - - 66 6+ 50 60 50 0. * - - .* 60 9 . 6
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6+.*60 8 * 3+0 N . , .71*+ - . , E+ + - %+ "T97+ - 5 + - <. - 020"
".*60 * * 40 - . , ,05 6 D 1*1 18 60 - 06 1 18 04 6 1* 2+8 , 0*4 8 * .
90* . *.6.8 . - " .8 3+.0 21*. . : 6. * 0 ". 06 57." . <+4 , 8 .+41 6.60 2
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0 ,+8ˢ ˢ4 8ˢ40ˢ3+1ˢ .4".**+ -ˢ :ˢ06ˢ ˢ4 / - +8ˢ1 , 1ˢ40 +*4"+8ˢ0 6ˢ ,6ˢ ˢ 1 ,.9 ˢ ˢ 0
- 1* + - ˢ01 60 - ˢ 12: + - ˢ7.2+ 6ˢ3+ ˢ1 - *0ˢ 12 03+ + - ˢ0ˢ5 1" /0ˢ 406+" 6< .63+0ˢ
*40ˢ *ˢ 1*.,76 . - ˢ51 6 0 - 1ˢ5 1 0 6+8ˢ :0ˢ *1* * 8ˢ +ˢ60 1 0ˢ 5. 1ˢ :0ˢ" + - .ˢ
* 6.6 8 4+, .0 ".* ,7. 4 " 18 +55" ,08ˢ * ˢE.""Z. .060 - 5"1ˢ ,1*41*.6.ˢ5 .0ˢ
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- + - ˢ01ˢ.**1ˢ ,+6ˢ +50 1 62+8ˢ - 0 + 6

ˢ ˢE0 - .* .ˢ71,ˢ.**1ˢ 08ˢ 0 0ˢ3+ 06.0ˢ +0 0ˢ *<, 6.ˢ6. - 0*ˢ .* .0ˢ06ˢ (+0, .0ˢ
09 2+8ˢ *60 ˢ 0ˢ6+*,ˢ4 "" 40*6 2+8ˢ + 5 , 1*0ˢ0/ˢ *1: 8ˢ ,ˢ +* : , ˢ*+56 8ˢ3+ ˢ
(41* .ˢ5 1 0ˢ,1*<+90ˢ +9+ 6ˢ(./1* 8ˢ 0560 - : ˢ 1 1 0ˢ5.+"1ˢ.*60ˢ - 1 6+.ˢ 1 .ˢ
670. - ˢ . 1"0ˢ 167. *9 .0ˢ4 , 8ˢ 1 1 0 - ˢ06ˢ 7 6 0 *.0ˢ .* ,.0ˢ <+8ˢ *ˢ "". 09*.ˢ
6*+"618ˢ<. - .**18ˢ: *4 0.*6 8ˢ " . - ˢ+/1 0 - ˢ4+/ 6ˢ/ ˢS."ˢ 1: ˢ .*+86+*, *ˢ
ˢ " . :1* .0ˢ 08ˢ90 02.6ˢ3+. - ˢ 1 , ˢ *,+ 1* 2+8ˢ * , 6.2. 6ˢ(04ˢ,1*6 1:0 .ˢ
+21 6.ˢ *60 ˢ: ,. + - ˢ 09 8ˢ06ˢ .9*+ - ˢ(./1*0 - ˢ(+0, .0ˢ 09 8ˢ 1 1 + - ˢ40ˢ?? 1*.ˢ
* +".ˢ3+. - ˢ +60 3+0ˢ 2ˢ: *4 ,.2.6ˢ06ˢ (./1ˢ3+ 40 - ˢI (1**02+ 90* 8ˢ. , 8ˢ .*+Aˢ
Sˢ 082+ 90* 8ˢ.55074 ,0 - ˢ0 0ˢ,1*60*402.6ˢ,.561ˢ *60 - ˢ.ˢ(./1*0ˢ .*ˢ: ,. ˢ
$. *1: 0* 08ˢ 1 - *ˢ.+/ " 1ˢ40 6 6+6ˢ404 6 1*0 - ˢ 1 ,1ˢ.4ˢ0/6 0 - + - ˢ 0,, 0ˢ : ˢ
4ˢG+ *6 "ˢ3+ ˢ + - - .ˢ5 .060 ˢ - 1 0 - ˢ - 140 .6 1*0ˢ0 9.ˢ404 618ˢ+ +8ˢ0 6ˢ155 4.* <
*ˢ+ 20ˢ +2ˢ 1 ,1 + - ˢ - 50 1ˢ - .*0*4 ˢ:0" ,+ - ˢ+/1 2+8ˢ" 20 8ˢ06ˢ3+.0ˢ 0,+ - ˢ
.2 51 6. 0ˢ51 "0*6ˢ4 ,040*4ˢ9 .6 .ˢ . 6.ˢ3+.ˢ6. - 0*ˢ50ˢ .9*ˢ :0ˢ.:. 6<. - ˢ :0ˢ
- - .* 6.60 - ˢ - * - 0ˢ +ˢ516+0 0ˢ *. - ˢ.ˢ 1 ,1ˢ4 - ""ˢ .2ˢ ""1ˢ 6.6 - ˢ 51).6ˢ
+*6ˢ G+1ˢ . 61ˢ,+ - ˢ *ˢ(+0, . - ˢ 0:0 6 06ˢ .*ˢ: ,. +8ˢ6+*,ˢ,. ,0 0ˢ0 - "+8ˢ. ˢ
,0 - ˢ(1**02+ 9. - ˢ,+<+8ˢ,.+ .616ˢ6+ 2.8ˢ .9*+8ˢ0/, 6.:0 .6ˢ12 406ˢ06ˢ 1 6+ 6+ - ˢ
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402.6+ ˢ20""ˢ(+0, ,ˢ1,,. 1*0 .*1ˢ 0,1*, " .6+8ˢ5.+, 8ˢ.ˢ*+56 8ˢ "" 8ˢ4 02+8ˢ2ˢJ ˢ
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ˢ 1ˢ %ˢˢ - 50 ˢ .6 "51*. - ˢ, 0.*4ˢ*1: ˢ 09 8ˢ,.+ .ˢ5.+"1ˢ.*60ˢ *4 4.ˢ
06ˢ,0"02 .6.ˢ +0 .*6ˢ3+ 2+8ˢ *60 +0 +*6ˢ 0560 - : ˢ06ˢ 03+0*8ˢ5 *, 5+ - ˢ.,ˢ"09. ˢ
61 + - ˢ, : 6.6+ - ˢ0*.6 8ˢ *ˢ 8ˢ +41" +8ˢ ./ - " .*ˢ .0 . 8ˢ*.6+ˢ9 .*4 1ˢ " +8ˢ
.ˢ +41" 1 .2 5+ 9,* ˢ3+ˢ5 - +8ˢ - 50 .61 ˢ. 6 9 ˢ40,+8ˢ - 0 6 8ˢ + 8ˢ *ˢ . - " . - ˢ
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- .<1 . - ˢ - .9*1ˢ5 *, 5+ - ˢ06ˢ 1 - * + - ˢ1 4 *+ - ˢ,1* 0* +ˢ06ˢ .55".+ +ˢ + - 5 6ˢ: ˢ
S."ˢ 1: ˢ Vˢ$1 60.ˢA1ˢ .56 6.ˢU 1*, *+8ˢ<. - ˢ - +"616 08ˢ.4ˢ ./ - " .*+ - ˢ .0 . ˢ
0 - ˢ12ˢ,1*,0 " - ˢ.ˢ$ 1ˢ:ˢ - .9*ˢ 6 + .0ˢ4+0"8ˢ6 6+"+ - ˢ 1 - 1ˢ06ˢJ .*, 01ˢ3+ˢ1ˢ
1 0 - 5 +8ˢ *ˢ - .6 - 1* 1ˢ7.202.6ˢ +,00* 0*60 - ˢ - +8ˢ6.*40 - ˢ126 *+ 6ˢ+6ˢ7ˢ
J .*, 01ˢ6 6+"ˢ6.*3+. - ˢ - 50 ˢ20*0 , . 1ˢ,1* - . 0*6+ ˢ0.3+0ˢ40ˢ 0ˢ. - 5" ˢ
- + - ˢ.ˢ .0 . 0ˢ4 5"1 - .ˢ - 506 .: 6

ˢ ˢ ˢ ˢ5ˢ7.0,ˢ *ˢ 0"9 1ˢ06ˢE0 - .* .ˢ.90 0*6+ ˢ.5+4ˢ*18ˢS."ˢA.*ˢ 04 *609 .6.ˢ
.4 20 1*0 - ˢ:0 20 .6 1ˢ06ˢ.4ˢ: ˢ 4ˢ,1*6 *+.6+ 4+ - ˢ09 ˢ +2ˢ6+ 0*ˢˢJ1*6.*. - ˢ
,+*018ˢ.90 0*6ˢ3+1822 0 ˢ,1*6 . 8ˢ,+*0 8ˢ.4 8ˢ0"+ 0 +*6ˢ $1 6 4 0ˢ*1 6 ˢ."60 .ˢ
155+9*.6 1*0ˢ "1,+ - ˢ6 2+8ˢ 5. 6 2+8ˢ .99 04 +*6+ ˢˢ06ˢ 0":06 ˢ5 .060 ˢ - 1 0 - ˢ.

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e i '

V 0""19. 4 1'50 +. '06 . - ': - ' 0,0 - *6 ' 4+ - ' :,60 . * .0'06'(+2."5 * .0',15 . 0',140 - ' ; '
60 - 51 0'"1, 8'40 6 * .6 8'405+9* .2. *6' 2 ' ., 60 ' +6 *3+0',0 6.6+ - ' 6. *40 - ' 05+" ,+8' '
*1 6 ' * 3+ 6.60'"1, ' .2' 12 0 " 8' 0/' +50 1 ' "1,1' 5 1' : 6.' 06'" 20 6.60' 6 0*+0'5+9'
* . *6 2+8< *60 ' 3+18' 5 .0, 5+.' 10 - * . +6*' : 6+8' + 6 ' 3+ .0' 5 1' + * .' 6. *608' ./ 8'
,1*6 8' ,"15506 8' 0":06 18' *' ."6+ - ' 0* 60*60 8' 51 6 0 - 1' 406+ 2.:0 0' $+" 8' *1 6 8'
616+ - ' 2 4++ - ' :0 20 .6 1' ,0 .: 6' ' 3+1' 60 - 51 0' 12 0 " ' * 7 " 0" 3+ ' 0,0 +*6'
3+1' + * . - ' 1 - * ' 150 .' 06' 4 " 90*6 .' - +* 0*6' ' 0/' +, ,0 2+8' <. - ' *1 6 1 + - ' ,1* '
60 - 56+' ,1* ,0561 ' 3+0 *' 0/,19 6.60? .4' "+4 2 + - ' 504 . ,+"1' 60 6.6' +*6' *' + - - .'
+ * .' ,1* 6 6+6.' 10 - * . ' 3+ .0' 6. *3+ . - ' 0,+ .' ,1"1' . , , *4 .' *02.6' 0 - + - ' *140 '
3+ .0' "" ' 4 ' 5 .0,0"" 6' ,' .+/ " . 08' *6 .' 155 4+ - ' . , ,056' + *6' . ,' 51 6 4 0' *61 '
* +8' (9 - +*4+8' (.* 0:0 *+8' 2E .<. , ' ,1 - 08' 3+ ' 0":06 8' 5 .00 .6' 4+ - ' "1*9 +8'
.' , . 6 8' : .9. 06+ ' .' 1*2 +* . * 8' " . ,' 0/,+ 0*6 2+8' *60 ,056+8' 06' 1, , +8' 0 6' 1 '
40 - ' 60 - 51 0' 0/ ' 3+ ' ' :0* 1*0' 0 .6' 40' ' 3+ 8 - 1 6+ 8' . 6+' .' $ 160 6. *6 2+(' *60 '
' ,056 8' *+*, + - ' . , ,05 6' 4' .+60 - ' *' 7+*,' *<14+ .' . , , 4 6' G+ 4. - ' 155 41' 12' 0'
" 9 1*0 - ' 5+"" ' 3+ ' .4' U 140: . - ' 3+ . - ' . - : "" .' 5 .0 4 1' 60*02.6' 0' 0,050 . *6'
. , ,056' .' A1. **0' 2 (. * , .+ - 1*6 1 (.* 1 - .* 1 3+ ' 8 0 - .+"6' ,+ - ' 40"04 .' - . *+' 0 .6 '
*14+' + - - 1' "0*6 1' .4' 3+ .8 - 1 6+ .8' . , , ,4+*6' 06' *6 .' 4+ .8' 51 6.8' ,/, .: .6.' 60 .'
. , , 8' 5+":0 8' 61 - 0*6. ' 5"0*18' 40 - 66+*6' 9*0 - 3+0' *' 5+":0 0 - ' *< , +*6' 3+ '
: ' +.' +6 . - 3+0' 51 6.6*' 4 8<0, 6' 06' .4 6+ - ' - - 50*6 2+8' 1, 8' 0, 6' 6.' , .56+ - '
- 1 - 0*61' . ,' 4 056+ - ' 155 4+ - ' 5 .0" 4 . 8' : /' 4 .61 5.6 1 ' 3+1' 0' .4' 1* 6. *6 . - '
6+ 0 - ' 6161' ""1' 6 .4+' . - 1 " * . - ' 0, 50 0*6< 3+ . - ' 6. - 0*' 2 4+1' 51""' : 6. - ' 06'
08' .": .8' 5 .4 ' 71 6 ' 404 40 +*6' 1/' 06' ?E . 21* . .' 2 .+4' 6.' "1*90' .2' 3+ 8 - 1 '
6+ 8 ' 06' ."60 .' - +*<6 1' *' * +".' $0, . 0* ' ." * 8' *12 " ' 0/ 6 +4 .' .' 1, 8' 0,056.0'
+*6' 0/ ' 3+ ' * 7 "1' - 0" +8' 08' 5 .0 0*6 .' +.' * ' (056 - . * .' +, ,040 0' *1*' *0'
- 10 1 0' . * - ' : 40 06' 06' 51 6, . 4 * ." 8' 167 . *9 ' - 1 60 - ' 40' "1 . 167 . *9 .'
' +/1 0<' 4+,0*4 .' - 5.6 0*60 ' ,19 6. 06' *' , . 6 .' :0* 6' 51""' +1 + - ' ".06.8' 6+' - '
" 6. ' ."+6.6 1*08' "1*90' 4 :0 .' .' ,+"6+' 06' 0:0 0*6 .' 3+ .0' 5 * , 5 2+8' .' E . "" 8' 40 0 '
1"06' .6 1*0 ' .2' 12 0 " 8' 0/,056+8' 3+1 - - ' ,1*6+ - 0" 1 .0' :1,08' 7.0' 6+*,' .+4 6.0
4' + 6 .' 50 ,+ "2 08' 7+0' :0* 6 8A' 1* ' +6' *+54' 1" * + - ' ,' *18' *' "04 8' *,1 '
9 6. *60 8' <+9+".2 6 8' 1*' :12 8' 08' ,+ - ' * - 2+8' 04' ,+ - ' . - .6 8' 06' 50 4 .'
:0 6 .' +6' 62 ' 0. :0. *6' 0414 8' %. *6+ - ' 7+0' :0 6 18' , * , ** .6+"18' , ." . - 6 .618' 06'
+*9+0*6.618' " 6 60 ' 3+ ' 3+ . *6 .0' - 1" 8' 6' 0 - ' ,+ - ' *1 6 8' +/1 2+8' 7 .20 0' 50 ,+"1'
+1' 0/50 0*6+ ' G+ .0' .05 +8' .2' * 1"0*6' - " 60' 0506 6.' *03+ ,3+ . - ' 05+9* . *6 '
2+8' 4+, 2+8' *1*' - 04 1, 60 ' 09 8' .* - + - ' 5+5+90 +*6' ' 3+ ' *9+" 8' + 8' - " 6 2+('
3+ .4 . *60 - ' .+ 0' *+ - 0 . ' <+ " 6' ' 06' ,+6*' 5 .060 ' .4 :0 18' +, ,0"%+8' 06 . - ' "+0' 9 . '
. *60' (+2."5 * .8' ,15 .8' *' 4 08' - *+' 019*1: 06' 3+. ' V' + 102 61 + - ' 70 - 1 + - '
.4' * .+9+ .6 1*0 - ' + . - ' 5 1 , 00*8' 12 4 1*0 - ' 1": 6' + - ' *1 6 ' 4 ,04+*6 '
0 +56 1*0' .2' 12 0 " 8' 0 - 0"' .63+0' 60 + - ' .4 .' 5"0 3+0' 0":06 ' *60 04 ' .0: 6+ .'
06' *' .09 18' - " 608' 3+ ' 0 - .* 0 .*6' %+ *' 4 : .0' ,15 .0 ' 06' (+2."5 * .0' 3+ 4' 0 .'
- +"6+ - ' - - *+6.0' *' 6." . - ' 0 - ".0' ' "20 6+8']' E1*4 +8' .40" . + - ' ,1 - 08' *'
$ 1:"* , . - ' 40 6 ".6+8' E0 - .*1 + - ' ." 3+16' :0/ "" .' 0,+ - ' 4+,0 0' <+ +8' 0 6' :060 .* ' '
06' / / "' " 9* .' 0":06 1 + .' .66 2+6.' +*6' A . ,121' ' +" 1" 1') 6 ,0* + - ' 4+, ' 3+ '
" ,06' *1*4+ - ' 0<0 .6.' $ 160 6. *6 + - ' 0" 9 1*0 ' 3+ . - ' 7 .40*+8' 5 1 0 +8' +0 .6' 14 1'
' . - : ".0' 0' 09 8' 5. 6 2+8' .44 /0 .6' 8' 6+*,' ,1 - - 14+ - ' *' (056 - . * . - ' :0* 6'
,+ - ' <. - & 5 * .' 0. 60"" .' +, ,0 "+' 1, 1 + - ' 60 .' *' 010 "0*6' +6' . - : ".0' 51 6.8'
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- ! ' /G "/4/ ' ' ' &.' '% - 0' ## ' 6 ' ' $ $ ' 2' 5 6 /
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, 1 & .50 0*6 .4:0*6+3+0 +1 - 506Z - 71 6 + - ." 3+. *6+ - ,6. 4. : 6 0/ 9+1 6.66 0

: %8) 5 1 0 6+ 3+.04. - 6.*6+ - ,. 6 "". , ,.#) 6 ,. - .2 01 0,056. 06 (.* 0 01" +6*

*5 - 8 3+14 + 2 *1* - 04 1, 60 *,1 - *.14.2.6 (04 - 1/ . 6+ *60 ,056. . . - ?
: "". P "0 . 0 6 2E. 45 . - * 3+ 06) 6 , . - . ""+ 6 - 51 6+ - 155 4+*Q , ,
3+ 0 60 0 .+ + * 6 ,060 * . ,0 - ,1* +90 + *6 . : , *1) 6 ,0* .+/ " . ,/
504. *608 : , + -) 6 ,0* 8 3+ .+/ " 1 + - 12 0 6 8 50 - 0,0 .6 0":06 8 12 *1*
05 .0 0*6.6. 6 50*4 . - 50 + - 406 04. *6 2+8 ,+ - *60 - 51 0 *1* .4:0* 06 5 .0
64 . 8 1 - * 0 *0,0 . . ".21 .*6 2+8 *0,0"" 6.60 - 4040*4 0 - 51 + 6 6.3+0
. / . - : "".0 6 .4 6. 0 6 3+. - ""0 ,+ - 4 6 51 60. 60*+ "06 6. *40 - A1. **08U 0"
"1 1 6 +8 "0 .0 : ,0,1 - 08 ,+ - 5 1 6 .* 09 6 06 50 - +6.6 1* 8 6 6+"1 (0 9 .*+ -
* :0 * 8 .2 9 + 6 0 - 1* 1 1 0 1 71 - *0 : .* 6.6 8 * +" .0 1" - 1 - 1 .*6 1
5.6 41* .6+ - 5 1 ", . . , ,05 6 $1 6 ", . - , .56. - 06 A# $+ * . / * 714. *
5. . I 0" *1 5.+"1 .*60 , .56. * 1, 1 + - - .*+8 40:0* 6 6 .40*6 2+8 5 .0 4 . 8<
3+ 5 .0 04+ - 6 50*4 *60 :0 *, ; .6+ - *60 0,0 .* 6 1/ ,6 0" 6 - * &
: . 0* 5.90 *,+ . 5 .0 04 *09"04+ - . 1040 .6 8 1, ,+5.6+ - + 6 06 - +* 6 1*0I
, ,+ - 51 6.0 ' 3+.8 ,+ -) 6 ,0* 8 51 60. 155 4+ - : 0/5+9*. 06 $ 160 6. *608 6.
- 0* 06 *+0 + *6 0, - +"61 51 6 . 0." 1 * *1* . , 5 .0 041 *4 . . , .56.
5.+, 8 .2 7 *, 4 02+8 . +94+*0* 2+8 0,056. , .561 5 1 0." 1 06 V +94+*+*
$+2 ,+ 614 . 4+41

5 7.0, .90 0*6+ 1040 8 *60 .671" ,18 3+ : +"91 ."0 ,1*60*6
.63*0 ." 1 *1 - *0 $1" 6 , 4 ,02. *6+ ,6 $ 160 6. *60 8 . - : "".0 : / 6. *40 - 06 .09 0
,1* 0*6 0*6 8 .+ 5 , 8) * 1* 8 6 6+"1 * 6 "0908 50 0 56.0 + *6 * ,1* :0*6+1 0
- .+ + - *4 41 : 4 J02 +. .8 3+1 *1: .0 0 5+2" , .0 1 - * 2+8 + 8 *+ - 0 8.2 2?
"+6.0 .63+0 . ," 3+1 09* ,1 51 0 1 - * *1 05. .6.0 1 - . 3+. *6+ - .4 0" 9 1*0 -
+ 4 4 1*0 - , : "0*. 5+2" ,18 - .9 6 .6+8 - " 6 .0 4 0 5" *. - ,1 - - 0 , " 20
6.60 - :04 9." + - - 51 6 1*0 - 0 50,+* . .0 4 "50* .6 1*0 - ,1* 6 6+02.6+
3+14 06 6+ - +"6+8 $. 0* 8 0,0*8 06 71 0*4. - 0 - 2 . 0/,+ .2.6 0<+ 3+0 0
,+"5. - * 5 . :18 09 8 ,1* " . 18 0 - 040 .0 6 - .*6 2+8 0< , 02.6 50 " - 1 6. - 0*
0/0 - 5"1 06 .4+ - 06 5+2" , .6+ - 6+*, ,1* 6.6< *0, 5 1 *40 "1*9 1 * 0. 0/5" , .*4.
0 1 ,+ - "". - *1* 2"+ - 6 .*3+ "" 666 8 5+2" , .0 04 5 1 + - 06 . - 3+ 2+8 10B
40 8 .*, 0*4 *0,0 6.60*<5+2" , . , .". - 6.8 - 51 + 6 50 0 *60 6 (+2 0 5 0 0
. - : "". .671" ,1 + - 06 $.+" *+8 : ,0,1 - 08 . , 1 - .* +8 %0 4. $ 160 6. *
6 + - *1 - *0 140 - 60 - 51 0 * $ 41* 2+8 51 6 , .56+ - + * .*+ - A1. **08
. +(40 3+1 .05 +8 "1,+6 + - +8 71 - 1 : . +8 06 - 141 7. + - - 141 "". + - 5.
6 + ," . *40 6 *+ - 06 5 0 104+8 ,1*6 . $ 160 6. *60 8 ,0 0 :1"+ 6 ' ,+ - 5 0 3+
*60 - * . - 8 0 .6 *+*, .4 1*50* 0 +6* *+*, .4 .*1: + - , 02 4 ,1 - - 0.
06 06 : 0 8 +. .+6 3+0 5. 6 1 60*6. *8 9 .6 . - 3+0 09 *.0 3+. - 12 03+ 1 5 1 - 0?
0 *1* 516+0 .6 - 0 + + *,+ 1 .4056+ + - 0 50 .*8 3+. 0 ,+ - +6 3+0 06 5
09 *.0 - .9 8 * 4 08 + 504+8 0440 06+ 6. *40 - 0/ 40 50 .6 1*0 .4 0/6 0 - . 06
+. . ,1*4 6 1*0 - 0/,040*6 . ,1* " . 51 6 0 - 1 5 0/ 6 1 . 40:0* 6

2 0/ 50 .6 01*0 - 06 *40 50 04+18 * . - 5. * . . 40
00*40*8 + 1,1 61 + - 0 - 1 + - :0*0 .6 5 .0 - "%1 +41: ,1 ; 0 0*9. 1
E. 6 1 3+ * 0<+8 9 .6 . . - 161 0""19. 4 1 .0 - +"1 5 *, 50 - "1,+ - 60*02.6 3+
167. *9 .0 4+,0 - .4 06 06 40 "1 .0 *+56 8 ,+ - 01 06 , . & ."40 - 1*6 1
5. 0*60 .90 06 " +8 06 6.6 - 2 .*, + - $7 " 55+8 + ."6+8 0:X * +8 09 8
L .*603+. -

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.*6,3+. -' 09 +-'J .*, .0'.4056+8'0 "06',.*,0). +8<',+<+8' 40' -+"6+" 6 2+02.6' G &'
, 3+0'*0916+-'4.6+-' +6'5.4.' 6. 06' 06-+*+8'71,'0 6'90- N.8 *90*6 8'< 06 ,+8' '
.4' +6+ .-' 51* .-' 50 0 06' .+4' -+"61'51"" + 1,1 646 '3+1' *60 0.' . 1"+8'
167. *9 .,'4+/' ".+4 .' 09 8' 161 ' 06' . 1"'+/1 '&."40-1*6 +8' ,+)' "1 .'
".' *61* .' 1 21* .' 167. *91- -'5. 0668'5.+"1' - *1 '1 6190*. . .,',0606'
09*'5 1,0 ,8'+*4 3+0',1*:0*0 +*6'4 0'/ :'J02 '3+.0',. * 8'5 : +*'5 1/ -0'.*60'
,, 6 6' 1"0-*' 6+' *.+9+ .6+ ' ., .' ., 0*60' +41: ,1',. 4 *."'E+ 1' *. *'6+ '
0408' . 1"0',. 4 *."8' .6 8' -1 60':.,.2.6' *' ,0 0-1+ 8' 50 .9074 8' .' ,+ 1 8'
12 0 :.6+-' -0- * ' *.-'06' 5 0' .40 .-' 3+14',.*6 ,+-' #20.61 + 7' -2 1 '0'
+9+ 6 * '3+14'.4' ; -571* .,1 +-' -1418' 0, 6. ' -1 8' 0 6<' - "+-' + 6<'.+9+ 1'
*40',.561'*1*' 1" 4.0'0/' *.+9+ .6 1*0'.4' 0-5+2",.-' +6+ .4'".06 6 .0' $1 6 4 0'
,0"02 .6.0' *+56 .0' %1613+0' ""1' *.+9 .6 1* 8' 06' *+56 . +-' 2 4+1' 1"0-*0' .B
,6+-': /' +2':0 50 6 *.-'71 .-'50 .9'516+ 6',1*6 .'3+.-' 7'0,,"0 .' 04056+ "'4 6'
090' *',1*, **.*4 8' 90- - . +-'1 4 * 2+8' 06' +.0'06' +/1 .0' :0 6 8' -+" 02 60'1,'
,+5.61'p06' 0-0*6 2+8'<.-'6+ *'5"0 3+0'3+14'71,'.4 0" 9 1* 8' ,+<+8' ""0' ." 13)'
.*/ +-'.4' +50 6 6 1*0-'+ 3+0' 6+4 +-'5 .0' 0' 0 02.6',1*60* 56+-'50 6 *0 46' 0'
16 1'.,'"+/+'4 "+0*6 8' *90* ' 50, -0*'4. 06' %+ *' *60 '"+418' 06' *+56 ."0 8' 51-5.8'
. J0 6+ ' : 14+ ' 04 1-.6 ,+-'5 .0" 4 . 18' 06' 155 4.*18'5. +-'.' -+6+.'50 '
* , 0'.20 "0' 3+14' "" '3+ 2+8' -+"61 +-' -0*"+-' 6 50 4 .'40202.*6+ '71 5 6 2+('
9 .:08'.,'51 6 0-1' *<+ 1" ' 4 +6 +8' 0 '*1*51" 0*6' 4' 6. -0*' 6*-.' 0,+ 6.60'
'.+".'6 . . 6+-' -+"6+-' *4 9*.*60' 7 61571 1'%7+.*1' ,*.6+8'$. 0*" 8'5 '
-. 1'5 .0 40'3+ 6 ,'0 .6'06' 0/' +-56 2+8' *+6" 2+8'.,' +50 6+ 8'3+' *'A+4 , .6'
504.,+".' *0' -141'3+16 4 0 02.*6' ."3+ 4' 0 0,. '3+14' *' 0-'6. *'*0,0". .*"'
-50*40 06+ '4020 0' -.9*.'06' . "4+.',1*60*6 1*0',". -.2.6' 3+4' 0' . ", 8' 0-'
5+2",.-'5 :.6 8' 02+8' + 8'3+.8'<.-'6+ *' 3+ 3+0' +2' 1"+61' 06' 5 1 + 1' 5 *, 50'
0 6.2.6+ ' 51 67.20*6 2+8'71-1' -1 8' .*6 3+ + - -1: 68' 3+'6. -0*'51 6-141'
*' "06+-' 04' 0 1' :0 6 6

&' ' ' ' 0/'51 63+.-'D .,"1: ' .*+-'06'." .5 ,.0' 0" 9 1* 8'"1,.'"+ 6 .:
+606 .-'$. 1 +-':0* 6'3+1'5.+"1'51 6'.' 1*4.01':0*0 0'4409.6'A1.**08' ' .'
* +8' 0""1:. +8'E+"' 1+06+8 0* +8' 70". +8''.' . -: "".'U ".+ 1* +8'' ' 3+ '
6.* .0'5 1: *, .0' *1- *0' J 8'$1*6 +8' . -20""+8' 0 "2* +8'$."+4.*+8'$ +8'
06' +50"".0'5 .061 ''3+'1-*08' 09 8'50 - " ' ' . "0.-'.4' 1*4.0+-'5 1 04' +0'
.*6' +6'40',1*4 6 1* 2+8'5.48',+-'01',1- -+* ,.6 8',1* " 8'.90 0*6' "' 9 6+ '.,'
,056 8' .' 1*4.01' -.*4.6 8' / "'S."' 5 ' ."6"0.'5 1 04 ' *'.+".-': ' 4' 5 '
:0*0 <*6'p06'.' 090',1 .-' 09 *.'J .*, ,1' "0* 1* 1' 0* ,1' .:. .0' 090' .'
1"1',. 4 *."' 1 21* 1' 1*50* 0 1' ' 0" *1' 0*.61' .91',.*,0"". 1' ' .'
40". +-',1- 60'3+'*1*4+-' *$ 1: *, .-'5 1 04+8' +0 .6'A1.**0 1 : ""0 1'
$.<"1'J1/ 1' (02. 6' "2. 5 *01' 0-1: ,+-'05 ,151' + ."61' 0:0 * 1'$ -51'
* 1' 0""0: 01'06' 0*.61'& "".4. 1'3+.6 4+1'51""'.+4 60' +*6' $ 1".6 8'506 6 1* 2+8'
,+-' 0* +8' 5 1" / .'4 .6 1*0' 1*4.0' .,' 1, 1 +-'5. .6+-'.4' 1-* .'12 03+ +*'
09'1 41 0'406+" "06'6.*6+-3+0' +6' ,1* , 0*6 . +-'" 20 6.6 ' 5 1 +-'4 9* 6.6'06'
5+2",.06 .*3+ "" 6.6' 41*00',.:0 06+ 40- 0'506 06 0/'.4'0.'50 20* 9*0 0 51*'
4 6'06' +.-'<.-'.2' * 6 1'0/'3+1' 09*+-'.4 6' -0*60-' + "0'60 6.6+8'0 6' +6' 1-*08'
.5, 6 8'+"* 8'12: .'7+-.* 6.60',1-5 040 ,6+ :'06' -141' 2'*1*'6.*6+-'" *9+.' 04'
0' 4'0 "0*6'.03+ 6.6 8' +.0'20*0 , +-',+*4 8' +.0'4 6 1*' +24 6 8'515+" 8' -50 6 '
06+ '%+ *' *'5 1,1061*.'5.+"+-',1*,040 0'<+ "28'51 63+.-'506 6 1*08'.' 0 *. 41'

J C.
'%' ' $ ' ' ' ' ' ' $' '+' . ' ' ' '> ' ' '% 6 ' '! ', 5'
L ' ' $' ' .' ' ' ' ' ' ' & '4 $' ' ' $'% && '
$' ' $' $'4 $' ' ' ' ' " .' ' '%(' ? ' .'-' ' ' ' " ' '% `'
'.' . ' ? ' .' ' '" #' V' ' 6 $'4 ' '> A'+ ' '4 ' ' ' 6 (' '3
5 $' B ' ' ' 6 0'4 ' '% 6 ' '" ' ' * (

E 9

" " . C.'+*1'0/'3+.6+1 : 8' 2'05 61" 8' 0, 6.6.0' +*6'06' -+"6.' -'*8'6+5+.'e+. '.+'6,
) '") "9 1*0-'.," 20 .-0<+85 1 0 1*0-'<+ 4 4 1*0-'5 1- ,+.-'.4' -+*0*5+2'
",.'.4- "1*0-'.,',.+6 1*08'." .8' 50 6.2.*6' * 3+ 1 .': 40 0*6+ '3+.-'+6' 01*'
,04'51 %0*6' -1/' 0:1,.618 *',1* 61 +-' 0/'.,0 20' *, 05. '.,' .4.'4 4 8' *1 "
0 51*40 0' 4 , 6',6' 5 -+-'5 .0, 5+0' 506 6 1*+-',.5+6' 0/.9 6.6' 3+1'$ 1 0 6.*608'
50602.*6' " 20 .-'1-* 2+8' "1, 8' +2 ,+*3+0' 6161' 09*1'" *0' +"".'0/,056 1*0'06' 50'
,.6 - : 14+ ' *' 04 1-.6 , 2+8' & 14+* '%+"" ' *' (."+, 0* '5 *, 5.6+
' +-2. 2+8' 06U -2. 8' 06 .-'.4' 6 *6 **.2+"'5+" +-',2*:0* 0*4 '$."-18' :0 '
*.,+"18',.*6.*4'50'6.20 *.8' 06' *',+ 614 8' 5+2" , 8 ' ., .-0*6.' 6+' *60'018' 0'
,,561'.4- * 6 .*0" '-1 6+18' -04 .'"+,0' 0 J0 0*4 ',1*" 61 .',1""13+ .'.4' 4 , 5" '
.-',1 0 :.*4.-' .,' ;*1418', "02 .*4' .,+"6.60-' G+14' ,+-' 0/,+ . 06' 0'
* +8'6+ *',1*, " 1' *'4 0-' 03+0*60-'4 ".61',1 .-'A1.**0' 1 : ""0 1'.,',060 8'
., ',1* 61 ' 0*.61 2+8'*.-' .9+8',.*,0"". +8' 06' .40 . +-',1-08'6.*3+.-'
+ 504'.'40"09.6 8' 1*4.0'06' 1, 1 +-'*1- *0' 0<04' +0 .*6'5 -+-' ""+4',.5+6'
06' 0" 3+.'3+.0' +-0 1'/,'0 .*6'*1*', 6 .'."60 ,.6 1*08' 06'., 0 8',1*60*6 1*08'.9 '
L 6.6.'06' 0/,+ ".' +*6' X?0602.6+'06'.'40"09.6 8'+6' 40'6+ -+"6+8'$. 0* 8'.+41 2+8' 06'?
3+' 4',3* " ' 09'40 +*41' 09 *.,3+0' 404 "0',1-50 0*6+'!*.-' ""'.'4060 6.*4 '
+6'. 02.*6' .4 ' *: 4 .':0 2 8' 60*+8' 0/ -02.*6 @' 4 " 90*60'.*3+ 0 06+ ' *'01 3+,'
0:0 106' *'51 60 +-'5 1 +6+ 1'0/0-5"1'.* -.4:0 60 06+ '3+14' *1*' -04 1, 60'
.+" ,1 +-'.* -18' 0/.,0 2.: 6' 06' .2' 1 .*'5., 8' .6 1*0'." 0*.: 6' +-' *'01' +*6'
:0*, 0' .'G+ *3+05.9 , 8' 06' ,060 8' 0":06 1 +-' 5.9 8' "09.6' 09'*+50' *.+9+ .60'
.+ 6.' 9*'.+"5 , .'9 .6+".6+ '3+'06' 0. *'.4' 5., 8',1*" " .'-+"6 8' .6 1* 2+8' 71 6.6'
+*6' " .2067.' 60-' *9"1 +-' 09 *.', 02 8' " 60 8' 06' 50'1 .61 0-' ++-'40' 5.,0'
090-' *60 50"".2.6' 140-'1 , 1'06' 50'"09.618' 40 +*4+8' 0 6' (.2.+4 .0' 4+/' 0B
,0*60' 12' 0 6 6+6+-''$ 7. 1" +-'06' (.: " .*+-'20*0 , 1'12 6 4+8' < 3+'6. -0*' -+'
6.*60' 1 6+*.'5. 60'3+13+0' -+6.: 6' %.*40-'0".5 8' *60'."60 ,.6 1*08'/:'. -5" +8'
4 02+8' 0/'50' 0 *. 4+-'J C. -'$ 160 6.*6 +-'40"09.6 8' " 9* ,.6' :0""0' 0' 5 1 +-'
506 6 1* 2+8' .6 8 .,0 0' .03+ 8' .6 1* 2+8' 04' 3+.8' 40' +.0,1- - 66',+5 .6' < 06' .6 8'
8' 0 "0' 4020 0'3+14' 6.': 0' 0' 40,". 0 ' +-'* 7 "1- *+8' ""'+ 90 0*6'+6' 0/5 0 " 1 '
09 09 .0' 09 8' :1"+*6.6 8' 40,". .6 1' 0 06'J C.',7. 6.'0/5" ,.6.' 6.6+< "0' 090-'4 , 6'
$ 160 6.*6 2+8' : " '+6261' *'8' (056 -.* .': ' * ' 3+ 6. .' *' 8',1-5 070* 8' ' + '
50"".06' 1*6."2.*3' ' *@ ""12 19 2+8 5+2" ,.0' 5 1 0 " 1* 8' 06' 0,+ 6.6 8' ,.+ .'
,1*,040 0' < -141',060 .8' 3+.8' *+*,'606 0*6' 0 6 6+.*6 01' 6.6+'3+1' .*60' +"6 -+*'
20""+-'0 .*6' :' 60-'*1:18' 0*.61 08' 0/'$ 160 6.*6 +-'*+-0 1', 0.618'.4' / : '<. -'
,1* 6 6+618' *4 ,08' .4< ,0 0'3+'40' ,.+ 8' 5 1 +-',19*1 0.*6' < ' 1*50" ' 60-'5. '
0-'<+4 ,+-'*+-, +-',1* 6 6+0 0' .,+"6.60' 5 8' 4.6.'+6' *3+ 2+ 0+*3+0' 09*',+'
83+.6+1 ',1* " . 18' 0< ,0 0' 51" *6' *1*' 0/5 0 " 8' 0<04 1*+-' ,.+ 8' +-'
0 561'3+.0' 1 0' J C.0' 0, 6.6.' +0 .*6' 2'6 .4'51 00 0*6' 40"09.6 ' +6' *60' 0' .-B
5" +8' 40" 20 . 0*6' 4' 40*09.6+-' +-'0.'3+.0' 5 151 6.' -0- *0 .*6' 7+<+ -14'
0 0' 4 ,, 0*6'+6' 8' 7.+43+.3+.-'5"0*0' .6 8 0 ' 1*4.01'06' 1040 .6 8' 51 06'51 6 '
4 0' ."60 +-' 0 56+-'5 1".6+-'0 6'3+1' 0/' 40,". .2.6' :0""0' 0' .,'<+20 ,< +6' $ 1B
60 6.*6 2+8' +2 3+0' "1,1 +-' *' 09*1'" 20 0' 06' 0,+ 0'0 0' .,'4090 0' " ,0 06' ' *+"".' : 8'
5 1 +-',1* 0 0*6 8'. 0 '.+6' 50 ,+"+-', 0. '12' 0" 9 1*0-'51 06' -141'5.,.60'
.,' -140 60' <+/6.'04 41 +-'"0908' 0',1 <6 *,.*6' <" 20 0',1*:0* 0*4' *'1-* 2+8' "1, 8'
3+.0' 60*0*6'5160 6.60' .4.'0/,056 8' 1*50" 1'2' . 6 8' 3+ 8 -1 6+ 8' 06' 0""1'
3+.4 1' 60-'+6' 40-'<+ 8' 6' *12 " 2+8'3+' +- -+-' -50 +-' *' + 8' < + 4 4 1?'
* 2+8' 7.20*6' 3+' :0 1'6.*6+-' -04 .-':0 " * -.-'<+ 4 4 1*0-'7.20*6',+-
' L ' & L ? .-".'L

% '$ ' , > # $' 1 $' *0 ' ' ' ,,(' + .$' , '$' 2' '
% $' /4 ' + 6 ' '5 . , ' ".
A ' #? ($' $ $0' '%

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. - " .ˢ 1".ˢ,1*:0* 0ˢ51 " *6ˢ - 141ˢ 4ˢ*1 6 *6 .ˢ+ 208ˢ.*6ˢ *ˢ+ 2 + 6ˢ +2+ 2 8ˢ .*6ˢ &ˢ
40,0 *ˢ . +606 .ˢ4+.2+ :0ˢ .2.+".ˢ"0+, 8ˢ + - ˢ *0ˢ ,ˢ 3+ 40 - ˢ 40"09.6 8ˢ .6 8 0 06 ,+8ˢ ˢ
. - 5" +8ˢ40" 20 .*4ˢ06ˢ .4ˢ +18ˢ 0 0 0*4ˢ60 - 5+8ˢ5060*6 2+8ˢ50 - "+ - ˢ +6ˢ,+ - ˢ21*.ˢ
09 8ˢ:0* .ˢ.4ˢ018ˢ .ˢ3+ 2+8ˢ - "ˢ +0 .*6ˢ 0:0 6ˢ51 "0*6ˢ # 0* +8ˢ06ˢ 0""1:. +8ˢ *ˢ
.+".ˢ - .*0 0ˢ<+ ˢ *0ˢ,1""13+ + - ˢ5 1 +8ˢ.2 +56+ - ˢ.+6ˢ5., 8ˢ 508ˢ1 - * *1ˢ5 .0, .ˢ: ˢ
40 06+ ˢ .0,ˢ - 04 1ˢ . 1ˢ .4. ˢ $.+"1ˢ 51""ˢ " .2067.ˢ . 1"0ˢ +/1 ˢ : 4+.ˢ5 ,ˢ
8*1 8ˢ:0"ˢ *ˢ<+:0* "ˢ.06.60ˢ 10 - *.ˢ06ˢ6. - 0*ˢ . - " . ,68ˢ 5 6+8ˢ 06 *0*8ˢ,+ - ˢ"+/+ - ˢ
.+".0ˢ*1 6 .0ˢ50 6.0 .ˢE0 - .* ,18ˢ - 1 08ˢ +18ˢ - .""06ˢ06ˢ40 +*41ˢ: 1ˢ *ˢ1 4 *0 - ˢ 0ˢ
,19 ˢ - 5.6 0*60 ˢ 0 06ˢ 506 61ˢ .ˢ 090ˢ ,1 - - 0.6+ˢ *ˢ E0 - .* . - ˢ .4ˢ ./ - " .*+ - ˢ
5.660 *ˢ 0ˢ,1*6+"6ˢ' 0" 41ˢ *ˢE."" .ˢ3+ˢ 08ˢ +.8ˢ5 1,+ . 06ˢ ˢ +90 1ˢE "0* 1ˢ + ˢ
203+ 1ˢ,+<+8ˢ<. - ˢ .050ˢ*0,ˢ6. - 0*ˢ .6 8ˢ5 1ˢ - 0 614 9*. - ˢ - 0*6 1*0 - ˢ 0, - +8ˢ3+ˢ ˢ
6161ˢ: 6.0ˢ " .2067.0 0 - 51 0ˢ *ˢ E."" .ˢ - .*""6ˢ06ˢ51""ˢ - 1 60 - ˢ0<+8ˢ :0ˢ"1, ˢ,1 - ˢ
- 14 6.60 :0 *90* 1 + - ˢ. - 10* 6.60ˢ,.56+8,1 - 5. .6 8ˢ.5+4ˢ*18ˢ5 .04 8ˢ". 0 - ˢ / 6ˢ
41*00ˢ7 8ˢ,.". - 61 8ˢ+"6 - 8ˢ60 - 55 2+8ˢ,+ - ˢ*1:. - ˢ5.6 . .ˢ40 0 0 0ˢ ,190 06+ ˢ
,+ - ˢ .09 0ˢ 0ˢ 6 *0 ˢ .,, *90*60 - ˢ - 1 8ˢ 155 0""6ˢ J " . - ˢ06ˢ2R*+". - ˢ " .2067.ˢ
M4 0040*8ˢ 0" 3+0 .6ˢ 3+.0ˢ ." 3+.*61ˢ 51""ˢ 40,0 6ˢ06ˢ41*.6 1* 8ˢ5 1560ˢ *+56 .8ˢ
3+.0ˢ . - 5" " - .ˢ 0ˢ *ˢ,ˢ 1 8ˢ06ˢ (09+ .* 8ˢ .66 2+6.ˢ0 . ˢ .4 - * 6 .6 1*0 - ˢ $06 1ˢ
E1*4 1ˢ$. 0* + - ˢ05 0151ˢ!71,ˢ - 0 - 1 .0ˢ - . 6ˢ3+ˢ0. *ˢ . - " . - ˢ *ˢ * - 0* ˢ
+ - ˢ0:0/ 6ˢ4.6+ - @ˢ06ˢ." 8ˢ: 8ˢ5 12 6.6 8ˢ50 504.0ˢ,1 - - 0 .6ˢ3+ 2+8ˢ06ˢ71,ˢ *ˢ
+50 ˢ - .*4.6+ - ˢ+6ˢ - +*0 .ˢ5+2" ,.ˢ.,ˢ01 + - ˢ *ˢ5 - 8ˢ3+ˢ<+8ˢ4 ,+*6ˢ: 8ˢ 41*0 8ˢ
40ˢ3+1 + - ˢ *609 6.60ˢ 5 8ˢ,1* 6. 06ˢ *+""1ˢ.,,0561ˢ5 06 1ˢ .66 2+0 0*6ˢ3+14ˢ06ˢ 0ˢ
" 9 1 0ˢ.2ˢ 5 8ˢ12 0 :.6+ - ˢ0 6ˢ".+4.*41ˢ516 +8ˢ3+. - ˢ - 6.*41ˢ*12 8ˢ0/0 - 5"1ˢ .5+4ˢ
3+18ˢ50ˢ.+" ,1 + - ˢ.:. 6 . - ˢ50 " - 1ˢ - 1 0ˢ *:."+ 6ˢ+6ˢ7+<+ - 14ˢ 08ˢ *+*,ˢ5. - ˢ
6+ 5 " - .ˢ*+*4 *.6 1*0ˢ5 1 60*6ˢ *60 0.ˢ 08ˢ *ˢ 3+ 6.* .ˢ - * - 0ˢ3+ 06.0ˢ 0 .*6
. - ˢ0140 - ˢ60 - 51 0ˢ 0* ,1ˢ %+ 1%+ 0*.0ˢ 09+"1ˢ 0" 1*1 .0ˢ 1 1 8 . - : "".0ˢ
" 1ˢ.4ˢ$ 160 6.*6 + - ˢ5. 608ˢ40 , 0*60ˢD&0 +*.$06 1,1 1 + - ˢ.4 * +". - ˢ 4ˢ. - *ˢ
*1 - 0*ˢ 6.ˢ06ˢ *ˢ ˢ 0 - 1: , 2+8ˢ8ˢ :.6.0ˢ06ˢ) C. ,7 + - ˢ. 6+ˢ *60 ,056.ˢ +*6ˢ &0ˢ
+*.0ˢ 08ˢ90 6.ˢ .ˢ 1* 0 .*41ˢ2ˢ .*91 .*1ˢ3+ ˢ 0 90 .,1ˢ,+ - ˢ40"0 6 8ˢ 5 1 04+8ˢ
0/0+*60ˢA+* 1ˢ 40 6 *.618ˢ .4ˢ 4ˢ + 6 ,1 + - ˢ7.2 6+ˢ - " 608ˢ*+*4 *. + - ˢ4 0ˢ50 0 *ˢ
0 18ˢ *ˢ+ 20 - ˢ *6 14+46 ˢ6+ *ˢ1,,+5.6.ˢ51 6.ˢ 1, ˢ3+ˢ.4ˢ 9*+ - ˢ,1*:0*0 .*6ˢ
*6 .ˢ+ 20 - ˢ.,, 5 +*6+ ˢ06ˢ12: 8ˢ 0 60 0ˢ.+ 8ˢ 0 0ˢ6 +, 4.6 8ˢ+ 20 - ˢ,.5 +* ˢ.,ˢ, +ˢ
40" 60ˢ4 5 +*6ˢ60 - 5" 8ˢ0/5 ".6 8ˢ06ˢ .,0 416 2+8ˢ - ."0ˢ - +"4.6 8
ˢ #ˢR5 61* 2+8ˢ06ˢA1.**08ˢ . +8ˢ3+ˢ5.+"1 .*60ˢ" 6ˢ0 .8ˢ.ˢ 090ˢ - 506 .:0 .6ˢ
3+ 2+8ˢ5 .060 61 + - ˢ9 .6 .ˢ0 02.6ˢ .4ˢ*1:.,1*) .ˢ.* - + - ˢ.4<0, 6ˢ'06ˢ40ˢ *60 ˢ
, 5 0*4 8ˢ0140 - ˢ60 - 51 0ˢY$ 6.: 1ˢJ1*60*. 1ˢ06ˢ$. 670*.01ˢ,1* " + - ˢ 0, 06+ - ˢ
* : 6ˢ (,ˢ.+60 - ˢ 08ˢ,1 - 51 6.ˢ0 .6ˢ "608ˢ50 09 *.*6 + - ˢ12ˢ 0" 9 1*0 - ˢ7.2 6+ˢ
$ 4.: + - ˢ *6 14+, ˢ06ˢ4 0ˢ5. "1* 8ˢ 1 - * ,.0ˢ4+ - ˢ ,1*, 1ˢ.4ˢ 1 - * ,.*1 + - ˢ
7.20;06+ ˢ5 *, 5 + - ˢ6+ - +"6+8ˢ50 ˢ ""18ˢ06ˢ,1* 0 18ˢ *ˢ+ 20ˢ 0 ˢ06ˢ .671" ,18ˢ *ˢ
$ 160 6.*6 + - ˢ50 * , 0 - ˢ,1*, 6. ˢ5".,+0 .6ˢ4+ - 3+0ˢ5"028ˢ.4ˢ5 .04. - ˢ4 0+ 0 06ˢ
+ 2 8ˢ51 6.ˢ *60 - ˢ ,.56.ˢ 1, ˢ.4 - 66ˢ40202.*6ˢ3+ˢ0ˢ:0 6 9 1ˢ. ,0 - ˢ1,,+5. 0*6ˢ<
3+14ˢ ., "0ˢ0 .6ˢ5"020ˢ4 056 1* 2+8ˢ *60*6.ˢ J1*60*. + - ˢ :061ˢ50ˢ,0"".8ˢ +260 . ˢ
0.8ˢ3+.0ˢ1,,+"61ˢ06ˢ - .+ˢ .40ˢ - 0.6+ˢ.4ˢ 1 . - ˢ+ 2 8ˢ50 6 *902.*6ˢ - "608ˢ - - 66ˢ
40202.*6ˢ' 3+ˢ,1* 0 6 - ˢ.4<+6ˢ.ˢ,1* 0 8ˢ,1*6+20 *." 2+8ˢ3+ˢ0/ˢ5 .0 4 . 8ˢ0 .*6ˢ
5 .0 4 . 18ˢ 1, 18ˢ12 +*,. 0*6ˢ06ˢ"1,+ - ˢ *ˢ5160 6.60 - ˢ 04 90 0*6ˢ (04ˢ 0ˢ 1 60ˢ
40604.ˢ,1*.6+8ˢ + 6 .ˢ +0 0ˢ J1*60*. ˢ." 3+16ˢ,.56 ˢ,+ - ˢ 0 - ˢ,1* 0 ˢ0 0*6
6 4+1

ˢ%ˢ ˢ $ˢ ˢ? & $ˢ +0ˢ7 ˢ ˢ% 6 ˢ ˢ! ˢ ˢ ˢ,' ˢ ˢ ˢ% $.(
, ˢ% $ˢ ˢ ˢ> #ˢ/ ˢ ˢ ˢ ˢ6. ˢ ˢ ˢ :4 Aˢ' ˢ&B ˢ ˢ ˢ5 ˢ
$ˢ% 6ˢ ˢ, ˢ ˢ* .ˢ ˢ ˢ ˢ ˢ5 ˢ ?% .ˢ ˢ4 ˢ ? ˢB 0
Mˢ4 $ˢ> 0 . 0ˢ 8ˢ4 ' 0
. ˢ / ˢ F

V P

$ & 6 4+1 51 6 0/6 , - 1 +55" 41 . 04 +*6 8"0, 5 1560 , . . +8 .* - + - 40 51*4

) ,1* " . 5 6 *. 1 - 6 04 5 - 0 4.6 8 .4 <1 . * * 0 - #E . , , 7+ - 1 "%09+ * + -

$ 4 . : 06 $7 " 55+ - . 6 12 .*4+ - +5 2. 61* + - J1*60*. 5 .0 0418 06

5 1: *, .0 5 +8 5 .0 40 - & 4+ - ."" 1* + - +4 .0 ,1 - 60 - " 60 8 0 5+ 9.6 06

* - 04 + - , ."+ - * 8 .4+ - 4 6 " 6 12 ." .8 , - * .6 1*08 - ."0 .5+4 5 18 .+

4 .6 ,+ - 5 .060 61 + - 20*0 .41 + - - 0 - 1 . ,1*6 . 0,0*6 + - *<+ . + - 0*

+ - 5 .0:."0 0 4020.6 .3+0 018 19.6 *0 * - , 8 * ++ - 5 .0<+4 , + - 40 -

6 2+.*6 04 20*0 40 0 6.*3+. - 40 41 09 8 - * 6 1 06 , :0 0 9. ,1 - - +*0 - 5.

6 . - 09 09 0 . 041 0*6 .* *40 *+"" . - 1 . *60 @04. 40 .2 . - , 8 . , ,056.

.+40 - * - 0 +6+ + - .4 090 - :0* ,6 * .+". - 0:1".6 06 . 09 *. 40 , -

* 2+8 12<04 8 * 0, 061 *60 19.6+8 40 $ 4. : 1 . 0 60*6.61 .606+ ,1* " 1 40 J1*

60*. 1 *60 , 5 0*41 * ." + - 0<041 (, .+60 - .4+ - 0/ ,+ .2.6 0. 0 - 0*6,

$ 4. : + - 60*6."%0 +6 - .9 6 .6+8 * + 20 $ 160 6.*6 2+8 . :0*60 8 * 1 4 *0 - ,19,

06 0 6. - 0* 6. * 50, 0 - ,1 - 51 6. 3+. " . 090 ." 0*+8 $ 160 6.*6 + - 9 .6 . - 06

0/ 0. . - " . 6.60 - " 2 ,1*, " . 06 ,+<+8 20*0 , 1 6 .4+ 60 - 51 8 +50"" .0 0.40 -

,1* " . .9 6. 0 06 + 20 - 51 6 0 - 1 * 5160 6.60 - 04 90 0 51"%06 3+.0 06" 0<+ - 14 ?

0 .*6 +6 .2 .03+ 8 06 5 +40*6 2+8 0 + - .0 6 - .61 2+8 - 0 61 6.*3+. - 50 * , 1 .06

.2 + 4. 0< , 4020 0* 6. - 0* .5+4 : . 6 *90* 10 - * . - 6.*6+ - : ."+0 +*6 +6 " .

3+.*6+ - : 8 40 71 - * 8 40 4+2 6. 06 6. - 0* 0+ - 6.*3+. - 41*0+ - 06 4 9*+ - 6+

2 4 8 06 - 5160*6 2+8 + 8 ,1* " 8 - * + - 0/ 6 - . 06 6.3+0 . +8 . 09 *.

3+0 * * 0, 061 - +"6 8 5 2 - " 8 1*0 . :0 .6 71*1 ,0 0 - "%+8 .4 ,1* " . .*6 3+.

0:1": 6+ 06 9 .6 . 2 . 090 .4. 06+8 0. - 3+0 :0 2 8 * - .<+8 .+90* 7 *, 60 B

1 0 * - , 8 *<041 *40 + 8 4+, . 4.6. 3+. 3+.0 .90 06 1, ,+"61 09 8 <+"%+ . ,0

06 + +8 $ 4. : + - 60*6.6 .4 3+14 5 .060 * *.6. - . - 2 6 1*0 - +"6 1* 8 5 : .6. ,

40 40 1 *,0*402.6+ 9 6+ , . 18 ,0 61 *+ - 0 1 6 . - *0 1*+ 618 * + 20 - *

6 14+,0 0 06 * 5".60 8 . , - 1 2+8 "1, 8 4 51*0 0 40, 0:0 .6 * 3+ 2+8 ,"15506.

06 7. 6.6 ".60 0*6 018 +2 03+ , , 40"04 06 .4 ((.6+ * * +2+ 2 + - +2 60 ,

40202.*6 50 51 6. - (.*, ;5 .*. - 6+*, 1 60 51*60 A120 6 +561 .50 6. - *

9 0"%+ 06 *0 51 6. .4 6+ - +"6+ - 1, ,"+40 06+ ,1*:0*0 .6 +6 4+1 , . +2 . 6 1

+56 8 . / 2+8 40 6 6+0 0*6+ N 6+ - 9*1 4.61 : * + 20 ,1* , 4 :0 806"1*904 6 8

09 1* 2+8 9*0 - * 41 - 18 - .60 . 06"+61 . ,0 .61 ,1* 6 +4.8 013+0 , 6 +8 *,0*

4 + - ,1*,056+ .8 - - 660 0 <+ " < .43+14 0 6 *9+0*4+ - 4 ,+ 0*60061, ,+5.6.

5"020 *60 0. 40"04 3+ * , . 8 . , +2+ 2 1 ".602.*6 ,+ - ,1* 0 8 * " 20 ,1*

<+*4 * . - 8 ,1 - 5. 0*608 4 8<04 8 12: 8 0 - ,1* ,0 0*6 * ,1* " 0, 06+ -

9 . 6. 4 *+8 :060 .*.0 "09 1* 8 % - 1"01* 8 E1"%.0 5 - . +8 ,0*6+ 1 .4 - "%+8 +0

.6 40 - 3+0 06 150 . - 12 6 */0 .6 . , 4 056 1* 8 50 ,+"+ - :0 6+8 . - ,+ - 3+0*

4. - 5 .051 60 . 7+ - .* 6.60 - 1*+2 .6 +6 3+ 4 5 06 1 .0 +50""04 " 8 41 - 7.2,

06 0. * , .+60 1, ,+"0 06 &0 + - . - ,+8 ""0 *1* 5. 0 - 9 .6 . - . 6. 4 *1 044 4 6

3+ 0/ 0. 1, , . 1*0 51"" , 02 .8 1260 6.6 1*08 0, 06+ - .2 5 1 0/5 0.6+8 5.6 .0 5,

,+"1 71 - * 8 ."+60 - 51 67.2+ 6 . - 50 0+ - 0 .4 - .9 6 .6+ - 40".6. 6.6 -

, .5 6+ . 6. 4 *+8 3+ 51 63+. - ,1* " 1 4 *0 - 0/51 + 6 03+0 . A1. * *0 . 1

.4 4 +21 *.6+ * ,1* 0 "+8 0 6 - 0 61 +55" , 1 4060 6.*4.0 ,1*<+ .6 1* 8 510*.8

"+ 6 %+ * * . + - .2 0*60 - 6.*3+. - 50 4+0"" 1* 8 0+ - 0*60*6 . ".6. / : S."

(0/6 " 3+. 6. - 0* * 7 " ""0 60 6+8 :0 . 04.6. * *1,0*6 . :0 +6 * - ,1 + -

,1*60 - 56+ - 5 .0 0 0 06 *1* 0 09.+40 . 3+14 0 .6 5 : .6+ - 5 .04 + - "0+

, . - . $ 4. : 1 6.*6+ - 4 " 6+ - *+"" . 1 . .+6 6+ 2+8 - +* 6+ - - 1" :1"+ 6 <

3+.*3+. - .2 . - , 8 3+18 * + 20 *1* 5.+,18 7.202.6 , 02 1 - 1*0 06+ +6 2

+9.

. % 5 $ V ^ A % + + 2 % + 0 0 $ " 4 & % & , 0 R 0 %D $ 6 $ $ % . $ %

' ' ' ')' *& 0

+9./1* +R 06' .6' *'+ 20'A1 057+8' D 1 *0""+8' (.* 1" * +8' 3+ ,+-' ")',.5 6."08' $ &'
* - , 6 .0' *60 ,0402.*6' 3+' 1 - * .' + - - .' ., 0*8' +6' 155 4.*18' .4' " + -' .:. ,+8' ")?'
40*4+-'.,,0*40 06',+-'* 7 '"5 1 ,0 0' 0'41"0 06'." 8' - 06+'." 8'.*/ 06.60'*0'3+ e'
,1*6 .'0+-'.+40 0*6' 06. 4.6 8'3+ 550'3+', 040 0*6' 3+.0' ' . +8' .,0 06'*1*'1- '
* *1' 9*. 8' 090' 06' 09 *.' .,0 0'6.*40-'.4' 09 *.9 ' , 2 6'06'"'+ 20-' .":.-',.B
5 .6'50 ,+"+-'0' - - *0*8'*1*'.".' .6 1*0'3+.-' . '50 * , 0' 4050""'51 "0' 1 60 '
4 6'3+14'+6' .6'15+8' 0 0'+6' ."3+0-' 4+-' 09 8' *1 - *0' - 66.6'3+' , +5+"+-'
.* - 8' - +"61 :;*' *7.0 0*60-'5 .0 0*6 .' .'0 - .6' *.-'. 6 , 1 .' . '.+4., '
50 +. 18' 5"0 1 3+,', 040 0' 0, 06.' "+-'.' 090' 06' 5 .'7.20 0' -.*4.6.' 6.3+,'
/* "%+8',' + ,7 +8' 71 - 1' 6 0*++8'*0,' 02+8' 90 0*4 8' -5. '3+'1" -' ".,1'20"" 8'
'(+2."5 * 8' - " 6.:0 .6' 06' 6+*,'71 5 6 ' 09 '4 50* .61 '0 .6' 8' 0 -'"60< .8' 4+'
, . .8' .4' ' 1 "09+ * +-' -.<1 0-'+ 2 8' 06' .04 "0 8' .66+" "06' 0',+-' 8',1 - - +* '
,.6.' + - - 1'"",*6 1'(.* 1" * +8'. "+ - 56 8',,,'06' '03+ 6 2+8' *1 6+'5 1 0 6+8' 0'
9.+40 .-', *9 6'< +2 ' . +8' 0 1'0 1 0-' *'3+0 *'60-0 . .' +.',1*6+ ..,.' 0' 6 '
4+0 .6' .9*1 ,0*8' 6. - 0*'+6' 0 .6' 1 - * 8',1*6+ - 0" .0' - 5.6 0*8'50 ,+"+-' *<+ .0'
.2' * - , 8'.,, 5 0*4.0' + - - .'.* - '5 .0 0*6 .'4 ,+ 6' 0/51 61' .4' 6+8' 90*0 1"0'
,1 51 0'*,': :+8' *' 5 1 + -' - .*+8' 40:0* 06' *60 0 0' . 1' 06' 4 056.' 41 - 1'
,1 5+8' 0<+8' $ 4.: + -' 0".6+ -'0 6'3+14' - 1/'.4' +55" , + -'5 14+ 6+-' < 6'< 06',1 '
51 0 041'<+/6.' 0*60*6 . - ',.5+6' .*60'(' ;5 .*'51 6. -' + 50* + -',060 .' -0*.'
2 .'." 8' "1, 8' 0/6 .'+ 20-'5.6 2+"1'. 6 /.' +*6' *60 0.',+-'E0 -.*0',3+ 608'3+18'
51 6',.56+-' * 6 1'.**' + * .*+-' 1*50* 0 +8' 0'5 1: *, .'400040*8'A1.**''(,.6'
61'&."" 9+ 41* 1' 06' +4'$E0*)"" .,1' &."" .,1' .66 2+0 .6' *'(.*61*08' 40 ,0*4"'
"0*6' *' - .9*.8' ..9+ 6 .8' 08$ 160 6.*6 + -' 04.4".0' *60 ,"+ 1'+ 2 + -'06' 155 41 + -'
3+.0' ""'60*02.*6',1 - - 0 , 1' *60' '$0*6 + -'06' +50"". -',. 6 + -'0 6' 66+' - + -'
,+' .*1'lA1.** 8' *' *9+"1'*1 - 0*'3+14'$7"55+8' &1"+ +8' + 0,+8'5.+"1'.*60'
*'5160 6.60 -' 04090 .6'0/'013+0',1*6 + 8'0/,+ "1* 2+8': , *.8' 09 1*08 * 0 6.2.
4' - 06+'516 +8' 40 0 6+ - '3+. -':',.56+ -'0 6' 5. 1' + - 1 0'3+.' .*1: +8' - 51'
66 8' *' *.:, 8'V' 1.9 ' - .,7 * 8' ""1' 4+4 + +8' 0 "06' 06',.561'"1,1'*+""0' 0/'5 .0 4 '
" 89 .6 . -' .4+ +8' '3+14' 8'3+'. ,'.' + 60,1' - 51 6+8' +0 .6',1* 0 0*6 .'616'"''
,0*60',1*6 .'20""'"0908'.' - "6 2+8' + 8'5.6 .61 + -'60 6+8'., "0' 62'.2'0/5"1 .61 '
2+840,056+850 +. 6' 06' 6.', 6 .',0 6. - 0*':.,++-'"1,+ -'40 0 + 6' G+1' +,00 "+'
,1* - .6+8 .*1: +8'<. -',15 .8' 04+,0 0' 6.6+ 6 $1*6 + - 3+0'5 1 04+8'"1,,,'504 608'
06',,'03+ 608' 0,0* + 6'.63+0' *40'5 .0 - "2'V' .4 ".1'& , *1'$150" *0 1' 0' *'. '
- 8' 1 60*6. 0',105 6' B'%1*.0+ -' .4' 161*. -'*1*' - + 1' 04' 1 ".' - + -' - +* , '
5 + -' *9 +0*60':070 - 0*60' - 2 0',+ -'0/,+2 .0'4 ".5 .0'0 "0*6'.'$150" *0 1' *60 '
,056+ -'0 6' 06' 6.6 - '- 06+' 09 1 + -' 0" 4+ - ' A. - 3+0' 08' *'01 .*6'+6' 7 *,' *40'
* - , 8',15 8' *,040*6 2+8' 40',0 6. - *0',19 6. 06+ ',+-' 0/' + - 56++-' *+6 "+-'
06':. 6.6 1*+ - 3+.0' .2'0/60 * 8',15 8' "" 8'"1, 8' 02.*6'50 6.0 +8 E0 - .*18' 0:5,.6'
06' 51 60.'1 - * *1'4 - 66 6

& ' ('+'"' 4' 0 0' 60 - 5+8' 40"09.6'40'5.,0' .4' 090 -' - "' +50"". -' 0:0 ' +*6'
3+ 2+8',1.41' .4' ' ' :1* 8',1*, " 1' .+4 6 8' 06' - .*4.6 8' 3+.0' .' 090' 7.202.*6' 0N'
51 6 8' - .9*.'.* - 1 + -' , "%+ .' .4.'0 6'',+-'." '.4'3+ 06 8',1* " .' *," *. 0*6' 06'
3+. - : 8'5.,0 -' :0"'<+ 6 6 - 1' 20""1' 5 .0 0 0*4. -' 4+,0 0*6' ." '96' 01" +6*' - .<1 '
0 .6' *+ - 0 +8 '4 "0*6 02.*2' 06'5.,0 -'3+ 40 -'0/5060*4. -' .602.*6+ '3+.0' * 7 "' *'
4 . + -'7.20 06' *. -' 3+ 4'." +4' .9'7 8' *1*'5., 8' 4 1* 2+8' 04' 516 +8' "+4 ,.6 5'
''2+8'* '+6' 5 '0/'01' 0,+ +8' 4090*608' 1 - " 8' 20""'*0,0 ". ',5* " 8' *55 *.6
2 155 - .*6+ 'N

8' '' !$ <= A ' f 8 ! '5 ' ' 57 1! $ 2 '1 $ 2 /*$ 2 ' ' ; " !#2
l' $5' !' ' - ! $ 22' 2' ' 0 $ '% ' 2 ' 9R '$2!# # ' !2 # .
' ' ; ! ' 7. " " # ! ! $ ' . - , !$

HH' , (8' ' 6 D

4 ?!' ' ' ' " ' ' ' * ' . + % # ' ' '

) ' 5.48',1* "" 8'." 0*+-'0 "0'0/'01' - .* 0 6+-' 0 '3+14' *' 09*'" - *0'70" + -' - .""0'
0'3+. -' 9*1 - * 1 . -'5.,0 - ' ,+6'5 .0,". ' ""',1* " . ' +'"13++*6+ '*1*':0 B
2 8' 04' 0'60 6.6+8' 6' * . -'04 4.' +94+*' +50 1 0'.**1'5 1 - +"9.6.'01'50 6 *+ "0'
,6' - 18' - 1/' *# ""12 1908' (056 - .* . -' 0/0 , 6+8' 5 . - 3+0' :0* 1* 8' 5 1'
0 6 1*0 - ' .48' 40,". . 0' 3+ 4' 0<+8' :1"+*6.6 8' +0 6' 6.3+0' 516 +8' 0 "0' +6' 0 - 0''
+ - 56.'. - .' *1*' 5 +8' 4051*.*6' 3+. -' *1*' 6.*6+ -' 50, 1 8' .4' 5 .0 0*8',1* " 8'
04'06 . -' *'51 60 + -'6+6 8' 2' 41 00', . :0 *6' ." 13+' 2' - 0 61'16 . -', + -'4040B
,1 0'1" - 0/5 12 .6+ -' 3+14616 08' 4 '*1*' .5 .*6'616 0 3+0'40,056'* 7 "1 - *+8'
0'0.40 -', 04+" 6.60'40, 5'5 .6 .* + ' 40*6 2+8' *' + 20' 0*60*6 8',1 - - 1 + -'
+50 :0* 6' J .*, 0+8' .*1: +8', + -' 0* .61'2 1 .*1' J 1*60*.01'< 3+ '".+4.6.' *'
,1* 0 "+' 5+2" ,1' 09 8' .4' 5 .,0 -' *," *.*6 8' :1"+*6.60' 06' 3+ 06.' ,1* " .' 6+ 2 4 8' 0'
.*6051*0 0' 5 .0 .6+8' +50"".*18' - 1*+ 6' +6' *' 01' *0916 1' * 7 "' 5 .0, 5 6. 0*6''
*. -'616 08' : 1".6 8' 04 4 8'15+8' 0 "0' +6' 41*00' *'51 60 + -'$ 160 6.*6 2+8', . :0 06+ '
0' 3+ 40 -'.*60.'50 7 - .* 8' 09 8')60 8' *' .+". -' 0:1, .6+ -'6. - 0*' 0/, + . "0' 3+14'
." 0*1' 60 - 51 0' 5 1: *, . -' 041 0' : ., +. -' 0" *3+0 0' 2' 0" 9 1' 0 06', + -' :0 1'
616+ -' 71,' *0916 + -'.4' + * :0 18' 06' *9+"18' 50 6 *0.6' 0' 0' : 40 ' +6' * 7 "' 01 - '
.9.*6' 04', + -'1 - * + -'5 1: *, . + -'40"09.6 8' *', 1 - - + *0', 1* +".*6'*03+0', . +'
. -' +. -' .2' ." 1 + -' 02+8' 05. 0*6' *60 -'40'5.,0' 12 0' "13+.*6+ ' *0' * - 1'
5.48' 6+4 1' *'20"" '0/' 3+1'0/6 , . 0' 0' 51 60.'*03+0.*6'*0,0 " 6.60 -' - 5 +40*60 '
*4+.*6' 6.',1 - 5 0 "' *' 5 .0 0*8' .* - 1 + -' .0 6+8' 06' 0/' 01'<. -' - .* 0 6.' *60 '
40 -'." 13+' 0*6 0*60 8' 6+4 1 + -'4 4 .'J. - .'6. - 0*'40' 8' *'.+". -'50 ".6.' - "%+8'
0/ 09 * .0',1* " 1 0* .6+8' I %1 * . - *. + * ."4.0+8' *61 , .0' 09+"+8' 3+ 09 09 .0'
0 9.' 5 18' 09 8' :1"+*6.6 8' 50, .6 -' 40 -' . ,0 06'5060 063+0' +6' ""', 1*4 6 1*08' 01 B
-'.' 1, 8' .63+0'.401'.2' " 8' 3+ '*1*' 0" 9 1* 8' 04' 0 + -' +. + -', . + .'. - .' + - 5 '
076'. , , 50 0*6' 06' ,060 8' 0/0 - 5"1' +1'.4' 3+ 060 -' . - 5"040*4. -' 5 . , 0*6' + '
."4.01'.' +50"". 8' 0 51* + -'' 9 .6 .8 09'3+.8' 51 " *6' 7.20 0' 3+ '6.*6.0' 4 9* B
6.6 8': + -'.4' 0' - 0 6' 0,' - 04 10 '20*0 , 1' 0' 5 '12*1/ 18' .60 ', +<+8' 06' 0 - '
50'.*60.'5 150* . -' :1"+*6.60 -'0/50 6' *6' 06' *+*,' 20*0:1"0*6 . -'0/ - . -' 0*'
6 .*6' ,060 + -' *', 1 - - + *' , . + .' *1*'51 "0' 0' 01 - '.' 1, 8' *'+"".8',1*4 6 1*08'
,1* 0*6 0' 04' 1 - *' .6 1*0' 06' 1 , 1' 0* /+ 18' +6' 0/' *60"" 9.6' *1*' *' *9 .618'
,1"".6. -'.2' 5 1'9 .6 . -' + "0'' 63+0' *1*'6.*6+ -'0<+8' - 50 "8'12603+ '5. .618' :0 '
+ -' 06 . -' +6'." ' 40 -'5 .0 60* ',1* " 1'71 6.6 2+8' 06' 0/0 - 5"1' 0 04+ 18' 6.'4 '
- " 8' +*."4.0+8' 5 ':0 1' .4' 0 -',1* , 0*4. -'506 61' 5.6 1'40"09.618'.4' . - '
: "". -' - 66+*6'3+ '/: 'S."'G+ *6 "' *' (056 - .* . -'5 1 04' +*6' + -' +*."B
4.0+8'.47+,' +50"".0'0 "06' .*1: +8U 1 6 + -'. 6+'60*6.6' 04' 61' +, , 0 "+' 0" 4 8'
06 . -' , ." 8' 3+.8'<. -' - 10* 2+8' .4 - 1:0 .6' 3+14' *1*' - 04 1, 60' +*."4.0+ -'
,1 - - 1: 6' 3+ ' *60' 5.48',1""13+ .',1*.6+8' 7+<+ - 14' +6' + - - 0' 50 * , 1 18' 4. - '
.2.6'6. - 0' .*60' 4 00 "+ -' 0<+8' *<04.'40' 6 - 0 6 2+8' *4+, 8' - 0*6 1' 3+.0' *'
'(.*61* 2+8' *91" - 0* ' .9 1' 06' $ 41* 2+8' "1, + -'7.20 0*6' 4' 1, , . 1*0' .4+ -'
9 0*1* .0% 0 - 1"" 1 + -' . , 8' :'.' +50"".'"0+, 8' 066 4 +6.0' 04' 5 1' 60 - 51 0'.'
*1 6 8' - + * 6.0' ' 3+. -' '$0 0 +8', + -' '5 .0 4 . 8' 60*02.6' 06' *40',1*6 *+ 8' 0/'
,+ 1* 2+8' * 0 6+ -' 60 '06',1 - - 0.6+ -' +50"".* 8' 04402.6' 1', + -'40' *4+, 8'
,1*:0* 0' *1*' 51 "06' .*1: +8' 4+, 6' 5 .0 - "2' '$150" *0 1', + -' 6$ 5 .0 4 . 8'
, .5613+0' +2+ 2 1' 06' ' - . , 7 * 8' .4 - 16 8', + -' - + * 6 1*08' 60 .' 0/ 6 +4 .8' 40<0'
, "06' $0 0 +8': 6. -' 06' 08' .":.8' 2' 06' + 8' 5.4+8' "1, + -'4040 0', 1 .4+8' 0 6'<, +'
6' 0* +8', + -'5 .0 4 1' - 51 6+8' &0 + -' 8' + -'.20 "06',1 +56 8'." 3+16' - " 6 2+8
06

- D '5' ' ' 5 . ' ' " ' ' ' ' > 0' ' '
' ' 'B '% ' 5 .' ' ! ' ' '+ ' 4 "'N' '
4 ' n% '.' ' $' $' ' ' ' '4 ' I '4 ' ' '. 0

(%) @ e p
* 7G ; ' (* 4 ?!
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& , 1 . 6 9*1* "09 . 61 0 51 6 0 - 1 4040 0 , 1 . 4 + *6 : 6 . - 06 08 . " : . 8 5 . 4
A . - 3+0 . 6 9*1*+8 . 4 0 . - . - # 2 * , . 8 :0*0 . 6 +2 , 19*71 "1 , + - + "0 0
, 056+ - +2 6 6 6 06 , . 5618 0/ %1 , 06 . * 8 . " 3+16 * + , . - . 9 <+ " 6
& A 5 64 & 4+8 . ""1* +8 +4 . 0 , 1 - 08 06 $ 41*+ - +2 . : . 1 3+
6 . * . 0 5 . 0 640 5 . 0 04+8 , 15 . 8 +*4 3+0 , 1*6 . /0 . 6 +6 $ 160 6 . *6 2+8 * - +* 6 1
*08 3+ . 8 60*02 . *6 , 1 - 5+" 8 - 0 "0 - , 1"" 9 06 3+ . 0 , 1"" 9 *1* 51 06 , 1 + - 5
, + . 06< : *40 - . - *60 , 50 06 06 . " * . + - 3+ . 0 . - 5" - . 0 "" 8"1 , 8 +*6 + + -
5 17 20 06 50*+ . 3+0 , 1 - - 0 . 6+8 020"" . *60 8 + 208 . 4 404 6 1*0 - , 1 - 50""0 06
. *65 0*08 0+ - : 03+ 6+ - 6+ - . 0 06 / / 504 6+ - 9* . 3+ 2+8 06+8 . 1"1
1 . "41 . *40 05 4+ , 6 0*+1 *0916 + - 4 . 6 +6 , 1*" " + - 40 V 060* * +" . 1 ,
, +5 . *4 . 05060 06 *03+0 1 , , . 1*0 - 3+ . 0 0 6+* , * - . *+8 4 . 2 . 6 0" . 2 *0 06
1*" " + - . *40 0 0 . 6 40 3+1 06 5 0 . *60 . , + - 090 * . +" . - 5 1 04+8 090 . 6
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. " * . + - 0 - 51 + - 06 . / *5160 6 . 60 - 04 90 0 9 6+ , 1*6 . 4 8 *40 0/ ") :
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3+ . 0 0 0 " *9+" . 0 . 4 5 . 04 . 8 0/ , + < 02 . *6 " *9+" . 8 , . 50 0 3+1 + , , 0 " *1* 1"+ 3
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1 3+0 - $. * , 0+8 $1*6 +8 . - 20""+8 "1 , 41 - *+8 - 51 +0 . 6 0<041 15B
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,0*40 0'516+0 +*6 5 .09 .:.*60'51*40 0'5"0 3+0' -0 ' '5"0 .3+0'06 .-'*.: . ,+8'")'
*.+6. +-',+"5.'3+14'*1*'20*0' .2+ .6.'0 "0*6' *' ""1'6+ - + 6+'405 0 ".' +*6' 0 '
40 .6'0/' 09 8'06' * +".* 8'3+'018' 03+02.*6+ ' , , , ' ,.56'." 3+16'4+,08' .*40'
0+8 3+' *'51 6+71 5 6 + - 7.202.6 ,1* ,0* 1 6.6 -' .& 9 1' +*.'5.+, 8' *'D$ 61*08'
0:. 6' * 0" ,0 -'0/504 6 1* 8' 4*50* 0 1'06' 09'6. *' - .97 ,0':0*4 6.6.0'0/ 6+ -'
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+ -',1* " 1'06'4+4+' .4+ -'4 ,0'2.*6'$ 160 6.*608' +6' .*40 0+8'0. *'0/504 6 1*0 - '
,05 06' 6.3+0'01 + -'217.'40 , 56.'06' *',.+ .0' + - 56+8' +50"".*' - .9 6 .6+8'
.+41 6.60'4 :0*4 6.' +*6' 6.',.56.'06' *6 .'/ / :'71 . - -' 5.6 + -' 0,056.' * +".0'
,+ 'J 1 - 0*60 +8',+ -'5 .0 4 1' - 51" 6+8' (+2' 4' .*1: +8'0/' '$06 .,1 8'.44+4.'
0,+ -'504 6+ -'06'03+ 6+ -' - .*+' +50"". -' 04 6'3+ '*0'+"60 +8' *' .671" ,1('12'
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E+ +8'51"' . 1"0',. 4 *." 8'5.6 +' - 1 60 - ' 50, 0' 03+1 + -' 0 - 0*42 + -' +6' :0 1'
.0 - +"'. 02.*6'3+1',1* 6" .'.*6 3+.'.63+0'.401' 0, 06+ -'5.6) ' 104+8',+ -'$7 " 552'
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,.56+8' +0 .6' 0' ""0'0 6'3+' 1" * + -' *'6+ - + 6+'$. 0* 6' *6 0,0 .6'< 12' 43+0'
,+ -' 0' - ./ - 0' *: + -'$ 160 6.*6 2+8' 0 06'9 .*40'06' +5 .',1*4 6 1 0 - ' .63+0'
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.4.'06 . -' * 6 1' 50'+6' 6' 62': 6.0'9 .6 .' 0 06' 4. 06'150 . -'+6' 1*2 +* +8'3+'
+2'60 - 5+8' ""+4'" ,06'20""1',.56+8'.' 09 8'.4' +55" , + -'40 6 *.2.6+ ' *,1"+ - 8'4 '
- 660 06+ ' &0 + -'5 .0 64 . '*+"".8',1*4 6 1*08'.,,050 +*6''06'6. - *'+6'." 3+14'
0/'01'5 06 + -'0/ 90 0*6' +50"".*18' 1" , 6.*6'< +6'4050* 8',"1'.+ 0 8',.56 :+ *'.,, '
50 0*6'06' 0+ -' - 0 61' +55" , 1'12' 4060 6.*4. -' +6' . 02.*6' 1" * '*0,0 -'. ,0'
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16.: "".0'56.00 .6',+ -'*0,'+6'5 06 1' .'E+ 61'.,,0561' 0 - +8' - 5+*,'4 - 660 0'
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- 04 . -' .6 1*0 -' * 6<'06' - " 60 -' +21 +.6 3+' 0 - 1'50 +.406')6' +9. -',.50 ".6'
150 . -'.4' 4' +. -'51"" , 6+8' + -' 9 6+ '. - 21'*14+'0/',1 - 51 661'.+ +9 0*6 [illegible]
5.+"+ -'5 19 0 "' *' * 64 .8. 061: "".5. .6.85 .00 5 6.*6' +2' 0 - +8' - +"6 8'5+'
9 1*+ -' 4 2+8',1* 14 6+ '< 6.' +6,+*3+0' 40' 1" * ' 50 ,+ "2 0'3+.0'5+2" ,0' *1*'
5160 .6' *' 1,,+"61'+"6 1*0' + - 56.' 0,' - +"61' 51 6' +50"".*1 - -'*.:08' - .9*.'
5 .04.'1*+ 6.0' .55+"0 +*6',.56.'.4' . 60 4.8> 6:0' 2 .8' * +".8'51 6'"1) 9+ -'06'
+6 *3+0', +0*6+ -',0 6. - 0*' + 66.*.'*.:0' *'3+.'0 .'.+ ' * 04'51*41' + 0'"2*'
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' , /' 08' *60 0.' *' $ 1: *, .'06' ""12 19 2+8'3+ 06 1 08'0 .*6' (3+ 40 -'
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5.6 6 1'$"1 ,*6 *1'3+' 1040 0' *60'5 *, 508' 7 6 .*18',1*6 .'%+ ,+ -' 6.*6'
,1 - - 0 , + -'1 0*6 8'.4'E."'18'6 .*8 0 0' .6.902.6' %+*,' 9 6+ ' 1"+61' 1040 0' 5'
5 4.* @'3+'0/'I' 1 8'06' 9+ 2+8'06'0/60 * 8' 0 0',1* 6.*6',1* +"+ -'<+ +' .41' - '
506+'.4'.040 8'5+2" ,.8',1*:0*0 +*6',1 - - 0*6. .'5+2" ,.*1 + -'4 5 +*6'51*40 .'
.,' - 0* + .8',1* .4.8' *' - . 0' .2< , +*6' .,'60"1* ' .040 8'4 " 90*60'12 .*6 06'
,+ 614 .8'.4'51 6.8'+ 2 8' 6.6++*6' .40 -'" ,0*6 .'." 8' *' '$ 1: *, .'"1, 8'155 4.*'
5"0 3+0'+6' *',1.41 08 09 18'3+': /'".602 8' ."+6',1* +"+0 +*6') 2 + -',/0 - '
<5"1'06' *12 "6.8' .4 1* 2+8' 0 ".'"1*90'50 ,+"1 61 ,8' - 16+8'0/, 6.: -' $1*60:0 6+8'
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'% $ ' D 4 ' '%D /' '% 6 ' ' . *' & .' '% 6 ' ' *' ' ' , $' '4 6 . :' ' ' #
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& & *, 1 1 1 8 "1 0".6 +5 . 1 6+*. - . * - 71 - *0 *, 6.6+8 01 ,1"1 0 5 :.6.8
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,1 + - 40*16. 0*6 # . ":+"91 *4 9 6.2.*6+ "8 5 1560 , .+ .0 ,1*<+*4 1*0 - 0
- ,+0 +*6 $ 160 6.*608 3+1 + - 5 .0, 5+ 0/ *12 "6.60 4+,08 0 .*6 * $ 1: *, .
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*. - 5 .0 4 1 60*02.*6 3+. - 06 4 + 51 60. 60*+0 +*6 . - 8 *60 - 09 1 06
1 - . *1 . ""0* 8 - 16+8 40 * 50 40"09.608 . 090 - 28 ,1 - 51 6+8 .63+0 .2
01 60 - 51 0 08 * $ 1: *, . *60 D . 6.8 ,0* - "":1,.2.*6+ 06 . 18 ,1*
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51"" 1"+6. - 3 20 1* 8 12 4 1*0 - - +"6.:# - +"6. 404 6 1*0 "1, . * 5160 6.60 - .,
,050 .6 + - 3+0 . 60"" 1*.0+ - 0/ 9++ - 2.+4 "1*90 .? . &1,1*6 1 + - - +
*, 5 + - 3+14 . ,0 :."4. 40 0*402.6+ - +"6+ - 02+8 0<+8 *,1 - - 14. 06 J .*
0 0+8 1*. 9+ 0 +8 "" 8 09 1* 2+8 . 1*2 +* 1 - 51 6+8 40 3+1 40 *,058
5"+ . 4 ,0*4. 0 +*6 01 4+, 6 06 0/504 6 1*0 " . 0 6 .*4+ - (- ,*. - E1 4 + -
09 + - * $ 1: *, . "09.6+ - 3+ 51 6 ++ - 0 2 & :. 0* 5.91 4 00 "+ - 0":06 18
#) 6 ,0* - "6.*60 8 .4 0 6 .* 6+"0 .6 * 0 ,1*, 6.: 6 + - 9 6+ 8 ,+ - 1 - * 2+8
,15 8 :0* "%06 +6 . 60"" 1*.0 ,. 6 12 4 1*0 - 1":0 06 9+ 0 +8 E1 4 .4:0*
6+8 1*2 +* + - 50 6 1 0 - ., 6 06 .+/ " . 4051 0 6 3+0 0/ - 1*6.* 8 6.6 - 40
00*40*8 +6 0,+. 9+ 0 1.41 0*9"1*0 - ,1*<+*90 06 ,1* 50 61 * 5".* 6 0
*60 <.,0*60 E1 4 .*1 0/0 , 63 9+ 0 + - - 1*06 9 .4+ - .,,0"0 . 06 +6 - 04 18
E1 4 .*18 7 *, *40 - +" .99 040 0*6+ 0, 09* 60 - 50 . ,.50 "6 9+ 0 +8
,171 6 2+8 3+.0 , 2 + - 0*4 ,.+ . . *.*.0 +2 6 60 .*6 .55. 0 0 <+"" 8 ,1* 0
613+0 5 10" 1 ,+ - 0":06 40* .6 8 1 4 * 2+8 4 + - 506+ - 71 6 + - 60 0506 61 .
1*2 +* .* 8 ,0 6. - *0 + 6 *+ "0*6 +50 :0* 0*60 *140 +6 *3+0 4 ,0"%+ - 0 6
0 40 .6 0/ E1 4 .* 8 //: 0/ 1*2 +* .* 8 6.*6+ .: $1 6 4 0 3+ * 4
A+* .8 *, 402.6 1*2 +* +8 ,1* "+0*6 2+8 .4 0+ - ,15 8 .+4 1 E1 4 + - 51 6
. 60"" 1*.0. - . ,0 - - "60 06 ,1 - - 0.6+ - .6. - 0 *60 - 50 6.*140 . - :0 +8
0, 5 0*60 - * 03+ 6+ < 06 +2 * ,1* 504+ - E1 4 .*1 + - * 6 5. 6 60 03+
6.6+ - 4 : 4 6 ., 5. 60 - 20" 0 0*9. 1 1 9 .*1 06 7. - 51"01*1 5. 60 -
&0 ,1 .*1 $1061 ,6 . 1 .66 2 6 5 , ".,1*0 1 - 5 1 06 ." 8 0 *12 "6.60
. + - 56 8 0/504 6. - ,"15506. 1 +* - .*+ - 5 .0 - 66 6 3+.0 +"6 - . 0":06 1 + -
.9* *. 40 - 1 . 06+ 06 +"6 - + - .9 - 0* ,. 50*8 "1,5 * 3+1 <+/6. 1 - . - "+
: + - 03+ 6.6+ - 71 6 "0 - .4 5 10" + - ,19 6 3+1 + 1 * 0":06 18 0506 6 8 : , 2+8
*:07 6+ 3+18 .4 0/6 0 - + - 51 63+. - 4 + + - - . : 6+60 0 6 60 +*6 - .9*. ,".4,
. "9 6 1,, 8 .4 "1,,, 06 + - - 1 05 + - 6 2+*1 . , /: 9* 8 ,.56 8 ,+ - 0/ 8
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3+ʼ* - + -ʼ3+. -ʼ - +"6+ -ʼ *60 ʼ$ 160 ".*60 8ʼ51 " +*6ʼ .:1 0ʼ +2"0:.2.6+ ʼ .3+0ʼ
01*60*6 1*0ʼ0 04+ -ʼ0 " +6ʼ"1*91ʼ60 - 51 05 .0 04+ .ʼ" .ʼ *ʼ *,0 61ʼ +0 6ʼ< *9+" 8ʼ
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.0: 0*60ʼ< 41*00ʼ 9+ 0 +8ʼ 1"+6. -ʼ4 0 5" *. -ʼ *60 ʼ018ʼ3+18ʼ50*08ʼ ,ʼ7.202.6ʼ
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.+".ʼ$ 160 6.*6 + -ʼ5.6 1, * + -ʼ + 005 6ʼ< ,1* - .6. -ʼ. , ,05 6ʼ06ʼ + - - .ʼ".+40ʼ.,ʼ
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1"1ʼ .6 0ʼ.*60ʼ6 0** + -ʼ/ :ʼS."ʼ 0,ʼ06ʼ 4ʼJ,2 ʼ .4. -ʼ40*+1ʼ,1* - .: 6ʼ< 06ʼ
0ʼ0/,0561ʼ +5 0 - ʼ41 - * ʼ06ʼ.550"".6 1* 8ʼ.4ʼ(0*1*0* 0 -ʼ5/.0 04* -ʼ06ʼ 06 6+ -ʼ
$. 0* 0 -ʼ<+ 0ʼ." .ʼ1 - * .ʼ<+ .ʼ.,5 .0, 5+0ʼ - 1*06.0ʼ,+40*4.0ʼ *ʼ - 2. 0*"6ʼ5 * ʼ
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40' 0" , 6.60' +2' 0<+8' 09*1' ,1*,056.0' 06' *60 - 50 6 :1' 4 ,0 +' +1' :0"+6' *60 , 6.,'
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" - +"' 4060 90 0*6' 06' 50 ,+" 8' 50 ' *60 09*+ - ' - - *0*6 2+8' 5 .0:0 60 0*6' 04' * '
" 6. - ' $1"1* 8' 0 9.' 5 *, 508' 40 - ' 06' ,1* 6. *6 . - ' : , "%0' * , ,0 " 6.60 - ' 6. *6+ - 3+0'
.5+4' 018' : ."+ "0;' +6' 9*1* * .0' 0* +' 4051 61' 06' 5 06 8' 50 ,+" 8' 40' *1:1 090' 0" '
0*41' 40" 20 . 0' 4 6+"0 *6' 41*00' .2' 5 1' 0 0*6' . *' 5 8' 0 - 50 ' - 50 . 0' 06' $1"1 '
* .0' 0056 .' 90 6. 0' :0""06' *0,' :0 1' 4+2 6. 0' 3+ *' 4' :0" 6' < 3+ 550' : 6+60 - ' 06' *90 '
* + - ' 0<+8' .4' - 50 .' * .6+ - ' ""2 ' 50 50 6+ - ' 0 "0 ' +6' *1*' 1"+ - ' 0560*6 1* 8' : 0 +* '
06 . - ' +* :0 ' 1 2 8' 09*.' . * - ' - .9* 6+4 *0' ,1 - 5"0 6.6+ ' 04' *1*' 0 0' .4 " 6'
09* ' 6.6+ - ' +6' 4 +6 +8' *,0 6.' 0 50 6.6 1*0' +"50*4 ' .+6 090' - .9*1' +. + - ' 06+ *'
4 50*4 ' , . 0 0' 51 " 6' 9 6+ ' - .6+ 0' :0* .6' 06' 09* ' 6. - ' 71*1 ,0' 40". 6' 0 '
+ - 56 e3+. - 5 - + - 7.20* 8' .2' 71 6 2+8' 0/' h .". ,7 . #(,;67 .' 06' 1 01: .' *9 + '
0*6 2+8 ' 3+1 + - ' . - *' .+ 2+8' 50 5*. *6' - , . *6' *' 1,+" 8 ' $1"1*18' 40 0*4.6' < * '
<+ . 3+0 ' , .040 #' .+4.0 . - ' 50 4 61 + - ' 71 - *+ - 3+ .0 ' .2 0*60' 090' . ,' "0*60' "090 '
,1*:0 8' 1 - * + - ' .4' 0/60 * .' 50 ,+". ' 1,+" 8 ' - 5+*0' +*6' 5 17 20. 6' 040. 6' 0 91'
' $1"1 . - ' 06' :' 4' . 8 ' +6' ,1 - 6 8' 09* ' .4' " + - ' 4 0 - ' ' (60RC .0' *4 6 8'
*60 6' 06' ,1*4 6 1*08' .2' 1 .61 2+8' 5 +8' *' 0"0 6 1* 8' ,1*:0*6+' 0,056.8 ' .' . 1"1'
/090' 1" - ' +606 .0' $. 1 + - ' 5 1 - "%.8' . , . - 0*61' 1"0 - * ' - 0 ' . ,' *' 51 60 + *'
0 - 5+2" , . - ' $1"1*. - ' 5 .0 0*8' 0 - 50 ' 9+20 *06' 3+14' 6' *' 60 - 51 0' :0* 0' *1*'
516+0 6' 5 ' " ,06' + - - 1' ,+ - ' +1' 41"1 0' 4 6+ - ' 40*+*, .6+ - 3+0' :0""0' $1"1*18'
1' 51"%0' . - 5" +8' *0' 090' . ,' "090' : :0 0' 5 1 *40 ' .2' 01' 60 - 51 0 ' ,+ - ' 21*.' 09 8'
9 .6 . ' 06' .":1' +1' 5 1 + - ' 71*1 0 ' 1204 0*6 . - ' 06' 40 - ' 4.6. - ' 0 ' 0*+*, . 0 ' 06' 40'
*1: ' 09 8' 0"0 6 1*0' ,1*:0*6+ - ' *4 ,0 0' 40, 0: "0 ' 43+0' - .' .401' 06' - .6+ .' 40" '
20 .6 1*0' 6.6+ "%0' +6' +"" 8' 0/,+ .6 1* 2+8' *+"" 3+0' .4' 0/6 0 - + - ' .6 1* 24"' .' 5 1 '
51 61' .24+, ' 51 " *6' 8' - +"6.' .44 6. ' +6' 0' .09 0 ' *0 ' 51*60 ' 0/6 0 - .3+0' .401'
*0,0 6.60' ,1. 618' 40' *1:1' 090' 0" 90*41' ,19 6.60' 1 60*40 0*6 ' G+ 2+8') 60 8' 06 ' . *8'
*60"" 902. 6' 0/' 1, , . 1*0 - ' .' $1"1* 8' 3+ .0 ' +6' *1:+ - ' 2' 090 - ' 40" 90 0*6' 3+. - '
0* - ' .+6' .6 1*0 - ' .+6' 50 - ' 0 "0 ' +6' *0,0 6.60' *' 0/60 *1' 09*1' - . *0*4 ' - 51 6.'
0/' 5.6 + - ' 09*+ - ' 6+*,' 60 - 51 8' *1: 8' - 16 2+8' 6+ 2.6+ - ' 0" *3+0 06' Ñ 6. - 0+' *,'
: 4, 06+ ' 6. *6+ - ' 09*+ - ' 5. : ' . ,0 0' .4' $1"1*1 + - ' 51 6+". 6.' 0 51*4 6' < 0' E."" , 8'
20"" 8' "". 3+0. 6+ - ' 40' 04 6+' *' $1"1* . - ' +1' * 7 "' 7.20 0' 3+14' . - 06' ' ,06, + 6'
.4' 1 4 *08' 09* ' - "%+ + - ' "09. 608' : 18' . - 5" - 18' 5 .0 0*6 .' 50 6.6+ 18' 3+' 09 8
"0+3)'"1

B 1M - ' C' 6 e_

.2 076 . -'5 +40*6 .' .' +55"0. *6' ' 06' 0/' ,1 - -+*'$ 4 *+ -' 0*60*6 .'5 1 5 , .56 ' &'
3+.' .6 1*0'5+2" , .' - ."' . '3+.0' *' 4 08' *9 . :0 , .*6' 50"" ' 06 - - *0*6 .' : 6. 51 ,+8' '
6' . ,'40 3+0' 0 5+2" , .0' $1"1* , .0' 6.'5 150 0' .6 8 . , . *6' . ,' ' 5 0' .40"%06' (0B
,+*4+ -' 7.0 , '51 63+. -' 0/' 51 6' *.+9+ .6 1*0 -' +. -'06' *+56 .8# + 1,1 61 ' , '
1 + -' ,0"02 .6.8 +606 . -' :0 6'"09.608' *'$1"1* . -'40"09 6' 190 + -' (.*". +*'
0""19. 4 + - ' *+50 '03+ 6+ -'6 2+*+ -' , 0.6+ - ' ' * 0" , ' 20 1* 8' 12 4 1*0' *'
: + - ' 06' & 4+ -' 'J.2 + -'$ 2 . , + - '3+' .+" ,1 + -' 09 8' *90* + -' - 140 .*6 + .'
.4" 1*0' *' *9 0 +' 09* '9 .6 .'0/ , 40 .*6' +6 + 3+0' 50 6.0 +8' 06' 40' 09*1' ""1'<. -'
. 6+ -' , 040*8' . ,'5. + -' 1" , 6+8' 3+14' 6. - 0*' .+6' ,1* 0 : . 0' . 6' "0* 1* 1' .6 '
,1* , " . 0' 516+0 .6' "'5"+8' 40,1 8' 06' . - .0' 3+.' 0 0' - 50 .' ,1* 6.*6' .6 1'3+. -'
1"+6 1 8' : 6.0' - 5160*8' 40 40 + -' .5+4' 5 *, 50 -' ." 13+' - * - 0' - ."+ - ' 04'
.'5 . : 8' - * 6 8' 405 . : .6+ - ' : ."+ 06' 0""19. 4 +8' V' 71 - 1' 3+ 4 : 8' .+40*4'
5 1 - 56+8' 3+'50 506++ -' .2' .+" .'0/ " + -'"09.6 1* 8' 71*1 , .0' ,1 1 0' *4 4+ -'""2'
: 40 06' *0916 .' *' (+2."5 *.' 09 1*0' , .+ .6+8' 3+.4' *40' *'$1"1* . -'5 1 04+ +8'
.4' (.2.+4 .0' 4+ ,0 -' 0' ,1*6+" 6' ' ,+<+8' .*60.' ,1*" " 1' 06' .+41 6.60' . 9. 6. -'U' (.'
"+, . -'$.+"' %70 - ' . : +* ,+"' : 4+. -' *1 :1' 0/0 - 5"1' *'+/1 0 -' :'4+/0 .6' 6' $ '
2 . , +8' *' ,+<+8' 5 +40*6 .'5"+8' - 1 - 0*6'0 .6' ,+ -'<0' 5 "0' *0+*6 ' *' : . -'404 "06'
,68 1*60 - $0" , . 4 * ,1"+ - 8 :0* "06' . - ."5. .'3+. ""0' , ,' .+ 01 +* .' , 1' .4'
50 1" :0*4+ -' 67+.* , 8' - " 6 2+8' 5 1 - ". 6 50*4 .'06' ." .8' 0 5+2" , .0' *0,0 6.608'
0, + -' :070 06' ". 6 1*08'3+'5"0 3+0' *' ""1'" - 60' 0 .*6' 3+. "' 12' 0" 9 1*0 - '3+.4'
6+*,' *'E."" .'0/ .9 6.2.6+ '0/61 08' 0+ - ' ,+ -' : /' .2' 155 41' - "" . 0' 5 1,0 "06' *'
704.' , ,+ - 6+*6' 06' *60*6.61' - 1 6 8' - 06+' 0/' 704.' 40 00*40 0' 06' 03+1' * 007 1'
0' 03+'<+20*6' ""0' * 6 1' 040 - 56 1* 8' 5 06 + - '6.*3+. -'5160*6 "" - + -' - 6 9.*4 '
A.6 1*+ -' + 1 '8' 0 - 04 + - '126+"0 .6' &0 + -' "" ' .+4 61' 01 6.6 -'" 60 . + -' . 0 ?
,+"18' 51 0+*6' 3+18' 06' 6 .4 618' 0" 9*. *6' 3+14' "".8' 50, 0' *'$1"1* . - ' 0' :0 .' *'
E0 - .* . -' .4' 0 20*4+ -' - " 60 -' 0 '4 ,0 0*6' %+ *' 704.8' :0 6 9.*6' ' 06' 50,+'
* . -'1 - *0 -' *' : .6 ,+ -'"051 6. - ' * . -' ." .' *1*' +550602.6' 06' +50""04 "0 -'. '
90*60. -' 4 5 + *6' . ,' : " 1 2+8' .2<04 8' . , ,18' 06' 2+"9.8' +6' *' 6+ - +"6+' 5+9 1* 2+8'
0/0*"0 .*6' J. - +"'06' 4+1' 5 -1' - 506+' 1, , ' +/'" .6 1*+ -'0 .6 . ,+8' *1 - *0

[illegible]

. ' ' '?! 1!' "10')' !(29 C2'>&'9 i=' - 5160*60' 4050 06' 51 63+. -' *+5 6' 40"50". '7.'
" "$ 2+ 6' 06' *1: 8' . - 1 2+8' .03+0' 5 12 1 8' 0' 51 1' *'
2' *1 :1' 0/0 - 5"1' !# 8$ '4' 3+ *. 0' *1* 40 6' +6' 40 *,058' : 402 - +8' 6' $<'
;'4+/0 .6' *4 9*. -' 156 - 1' : 1' 06 20*0' 40' 0' 2 ., +8' - $ " "$; #' 0 $
- 0' 61' 9 .6 . -' 0 0 0*8' 3+. -' 6. - 0*' ,+ -' 5 +8

[illegible]

8 ' +

h ʿ . ʿ C ʿ G -

G &ʿ"6 .8ʿ - 66 6ʿ3+ 2+8ʿ3+.*41ʿ5 150ʿ.40 "06ʿ0* /0ʿ 19.2.6ʿ*0ʿ5 +8ʿ.ʿ,1 - 6 8ʿ4 ,0
. & ʿ)"40 06+ ʿ3+.-ʿ 5 0ʿ *ʿ.-5" ""-1ʿ ""1ʿ,1*:0*6+ʿ -.*4.6.ʿ 09 .ʿ0/51 + "06ʿ3+.0ʿ ʿ
+* :0 ʿ *60""0/0 *6ʿ*1*ʿ4+2 . 0ʿ3+ *ʿ 5 40ʿ3+."206ʿ 0ʿ516 +8ʿ3+.-ʿ46ʿ 090ʿ -+ʿ
6.*41ʿ *6ʿ 40" 20 .6+

ʿ · · "60 .0ʿ3+.0ʿ0/0" *60ʿ,1 - 6 1 + -ʿ60 - 51 0ʿ 044 6.0ʿ +0 0ʿ *ʿ 0*.6+ʿ3+ ʿ
40 -ʿ 0, 6.6.0ʿ +*6ʿ,060 + -ʿ 8ʿ9 * - 0ʿ4260 - 50 .6+ -ʿ + 6ʿ5 .0:."0*6 2+8. + 6 .ʿ
,1 + -ʿ06ʿ $. 61 + -ʿ . 6 1* 2+8ʿ3+.0ʿ3+.*3+.-ʿ4 :0 8ʿ 6+4 8ʿ 090 0*6+ ʿ *ʿ01ʿ
,1*:0* 02.*6ʿ+6ʿ 0* ,1ʿ4 9* 6.8ʿ.2 19. 06* ʿ06ʿ *1:+8ʿ 0/ʿ0" 90 06+ ʿ .0 . ʿ.ʿ
506 6 1*0ʿ.*60.ʿ0/,"+ +8 6+*,ʿ5 .0, 5 6.6+ -ʿ 09 ʿ4 ,0 + -ʿ +.-ʿ +,,0 "1*0 - *60 ʿ
5 06.2.6+ ʿ06ʿ 4ʿ 2ʿ.+6 *0 61ʿ+*ʿ0/ʿ " 8ʿ.- 2 02.6ʿ0.3+0ʿ *ʿ 0ʿ *4 0.0ʿ +4 67 ʿ
.**1* ʿ*1*ʿ 1"+ -ʿ"60 8ʿ * 9* 60ʿ0/,+"6 ʿ 04ʿ06ʿ 0 + -ʿ$1"1* ,. + -ʿ+ +ʿ5 12.6ʿ
250 .ʿ+602.6+ ʿʿ3+ʿ* 7 "* *1*ʿ.902.6ʿ:0 2 8ʿ 5 1 - ""8ʿ5 0* .6 1* 2+8ʿ. ""4+ 8ʿ+6ʿ
.0 . 8ʿ .6 1ʿ7.20 06+ ʿ 6ʿ5 .0, 5+ʿ0/ʿ*12 "6.60ʿ *ʿ,.-ʿ5. 60*ʿ *," *.2.*6ʿ 09 8ʿ
.ʿ3+1ʿ 0ʿ,1*60 - *ʿ. 2 6 .2.*6+ ʿ50 6.0 ʿ 1*6 .ʿ0 .6ʿ."+4ʿ *60ʿ*12 "0 8ʿ71 - *+ .ʿ
90*+8ʿ3+ ʿ :0ʿ5 :.61ʿ. J04"+ʿ4+4 ʿ :0ʿ3+14ʿ0ʿ +1ʿ*+ - 0 1ʿ3+1 4. -ʿ*1*ʿ *4 9*18ʿ
09*1ʿ<+4 ,.2.*6ʿ *+"".ʿ .6 1*0ʿ.44+,ʿ516+0 +*6ʿ+6ʿ .0 . ʿ + J .9. 0*6+ ʿ 3+0ʿ
+6ʿ *ʿ5 1 0ʿ0"04 1*0ʿ *1*ʿ.2ʿ0/60 8ʿ*.6 1* 2+8ʿ5060*4+ -ʿ 090 - ʿ 04ʿ *4 9,*. -ʿ06ʿ
$1"1*+ -ʿ0" 90*4+ -ʿ,0* 02.*6ʿ 0506 61ʿ0/ʿ5 , 8ʿ.**." 2+8ʿ0/0 - 5"1ʿ *ʿ3+ 2+8ʿ 0ʿ
50 6+ ʿ$. 6+ -ʿ3+0*4. -ʿ * - .0ʿ 1 6 8ʿ71 - *0 -ʿ 090 -ʿ. , 6+ - ʿ06ʿ3+.*3+.-ʿ
*1*4+ -ʿ *ʿ+*+ -ʿ."3+0 -ʿ5 1*1ʿ .:1 0ʿ 0 0*6+ ʿ6.-0*ʿ3+14ʿ$1"1*+ -ʿ71 - *0 -ʿ
090 -ʿ40 9*. 0*6ʿ *40ʿ$. 6ʿ5. 6 + -ʿ0 0ʿ4 ,02.*6+ ʿ G+ʿ 090 -ʿ<.-ʿ0"04+ -ʿ 0ʿ
6 *0 0ʿ -.""0*6ʿ5.+,ʿ0 .*6ʿ *60 3+18ʿ5 - . ʿ 0,0* 02.*6+ ʿA.,12+8),7.* ,7 +8ʿ
. ,7 05 ,15+8ʿ E*0 *0* 8ʿA1.**08 %0*, * ʿ ,1 - 08ʿ&1 * , 0* 8ʿ . 60"".*+8ʿ 06
0, 9*1: +8ʿ: ʿ5 .0, 5+.0ʿ .+41 6.6 8ʿ06ʿ *90* 1ʿ., ʿ.,ʿ - "6. ʿ: 6+60ʿ,". ʿʿ
:0 + -ʿ ʿ*+ - 0 1ʿ: *,02.*6+ ʿ06ʿ.** 60*60ʿ+6 .3+0ʿ .4 1*0ʿ6.*40 -ʿ60*+ 6ʿ +6ʿ
,+ -ʿ4 0ʿ4 4.ʿ 4 *08 ʿ(60C , . -ʿ,1*:0* "0*6ʿ.*60ʿ1 - * .ʿ - 50 + -ʿ 09 .2 19. 0ʿ
6+ ʿ40, 061ʿ0.ʿ40ʿ 0ʿ 4ʿG+ *6 "2+8ʿ .41ʿ3+1ʿ 0*.6+8ʿ06ʿ03+0 6 8ʿ1 41ʿ40,". .2. ʿ
3+.*41ʿ 0/ʿ.4ʿ4 0 - h . .: 0* 2+8ʿ +50 1 8ʿ.**ʿ,1 - 6 8ʿ5 .0 * 6+ -ʿ *$1"1* . -ʿ
*1*ʿ:0* 06ʿ 0ʿ1 - *0ʿ 40ʿ06ʿ12 03+ ʿ<+8ʿ0ʿ 0*+*ʿ4. 0ʿʿ 5 + -ʿ:0 1ʿ 09*1ʿ0/, 4 "0ʿ
<.-3+0ʿ *60 09*+ -ʿ0 0ʿ 50 *40ʿ.,ʿ ʿ 0/ʿ 40 +*4+8ʿ0 "06ʿ3+14ʿ 6+*,ʿ50 09* 06?ʿ
.+".0ʿ6 2+*18ʿ5.".-ʿ06ʿ *ʿ 5 8ʿ,1 - 6 8ʿ0651 60.ʿ .,1: .0ʿ+6ʿ,+*4 8ʿ **160 ,0 06ʿ
*00ʿ3+0*3+. -ʿ0/.+9+ .6 1ʿ".60 0ʿ51 "06ʿ.ʿ5+2" ,1ʿ5 .0,1*0ʿ5 1,". - .6+ -ʿ0 6ʿ5.+"1ʿ
.*60ʿ+"6 - .8ʿ"60 .8ʿ$ 2 ., ʿ.ʿ 0*.6+ʿ.,,056.8ʿ G+14ʿ *ʿ,.+ .ʿ + 6ʿ +6ʿ,+ - <. - .4.ʿ
* 04.ʿ 0 ʿ*1*ʿ51 60*6ʿA.,12+8ʿ8ʿJ. +8ʿ(50 "0+8ʿ: ʿ - .9*1ʿ.* - 1ʿ*0,ʿ - *1 ʿ 2ʿ
"0 6 .ʿ06ʿ0"13+0*6 .ʿ5 .04 6+8ʿ06ʿ51 60.ʿ + - - 8ʿ71*1 2+8ʿ90 6 8ʿ *ʿ5.6 .ʿ,".-8ʿ3+ ʿ
6+*,ʿ60 - 51 8ʿ 09 8ʿ*+*, + -ʿ *ʿ$1"1* .ʿ.902.6ʿ,+ -ʿ + 6 .ʿ0* /+8ʿ0 "06ʿ+6ʿ$ 2 ., +8ʿ
0/ 504. 06+ ʿ01ʿ*1*ʿ - 506 .61ʿ0ʿ4+12+8ʿ - ." 8ʿ0" 90*8ʿ.4ʿ0/6 0 - + -ʿ50 0,0 6ʿ +6ʿ
3+ E."" ,.8ʿ5. 608ʿ6+02.*6 - ʿ,+ -ʿ$. 6 8ʿ,1* " .ʿ 1, . 0*6ʿ3+ʿ,1*<+*4 ʿ - 504 0* ʿ
0ʿ .0 . ʿ.+6ʿ0<+8 "1 + -ʿ3+ "3+. -ʿ 0/ʿ40 9. 06+ ʿʿ01ʿ,1* "1ʿ+6ʿ*0916 1ʿ *ʿ.".ʿ
,1 - 6 .ʿ4 ".61ʿ$1"1* 8ʿ510* 60*6 .0ʿ 5.6 + -ʿ,1*,040 06+ ʿ06ʿ 0* ,1ʿ60 - 5+8ʿ5 1 1ʿ
9. 06+ ʿ 6.ʿ,1 6 8ʿ01ʿ 0 6 7.*6 +8ʿ4 - 8ʿ3+14ʿ$ 2 ., + -ʿ6 4+ʿ 6 *0 0ʿ.ʿ(60C , .ʿ
.20"%0ʿ,19* 6+ -ʿ0 "06ʿG+. -ʿ5 - + - $ 2 ., +8ʿ *ʿ 09*+ -ʿ:0* 6ʿ1,,+5.*4+ -ʿ .6+8ʿ
.*603+. -ʿ + +8ʿ.4ʿ 090 -ʿ*1:+ -ʿ, 0.*4+ -ʿ,1*:0* 0*6ʿ.4ʿ5 1,0 08ʿ4.6ʿ"60 .8ʿ<
3+ 2+8ʿ9 .: 60ʿ,1*3+0 02.6+ ʿ3+14ʿ 09 8ʿ.2ʿ 5 8ʿ0"04 ʿ"09.6+8ʿ5.,0*ʿ.,ʿ 0,+ 6.60 -ʿ
1".ʿ - 1 6."+ -ʿ21*.ʿ.4ʿ ""18ʿ 0 0*8ʿ*1*ʿ(60C , .0ʿ0 06ʿ0/504.6+8ʿ.2ʿ 8ʿ3+ʿ3 + 1 6 4 0ʿ
"09.608ʿ 1 01 + -ʿ06ʿ% 6. 1 + -ʿ0/, 5 +*6ʿ .4 - 66+*6ʿ.+4 +*6ʿ 3+14ʿ6.-0*ʿ*1*ʿ
5 +40*6 1 2+8ʿ - 5+606ʿ 3+1 + -ʿ.2+*4.6ʿ $1"1* .ʿ 04ʿ 8ʿ3+ ʿ0/ʿ 5+2" , 8ʿ - ." 8ʿ
3+.0 6+ -ʿ.+,+5.*6+ ʿ3+1 +*ʿ,1*.6 2+8ʿ* ʿ - .6+ 0ʿ 12: . -ʿ0.6+ ʿ 0 -ʿ$5"1*. -

ʿ 0ʿ 2 0:
ʿ% · · ʿ$ · 2 !ʿ ʿ ʿ #? !ʿ - # / ʿ:-ʿ)ʿ;)$ 8 #/ʿ1 !)$ ₨ 2 / !63
Iʿ. # 6 !ʿ !ʿ ʿ ! 6$ Uʿ # !] 6Iʿ Ⅷ # 6 6 ʿ 8ʿ ʿ(ʿ# ʿ 2 /

2 0: ˢ *ˢ + - - .8ˢ .*9+ 6 .8ˢ +*40ˢ 0/ 6+8ˢ *1*ˢ 050 .6+ ˢ ,1*<,! +*ˢ ˢ & 40.*6ˢ 0 91ˢ 5 & ˢ
3+1*.6+ 08ˢ 5 19 04ˢ 5.6 .*6+ ˢ ˢ 3. - ˢ ,+<+ : 8ˢ 0 "0ˢ 3+.0ˢ 40" 3+, 8ˢ 05 070*40 0< ,+8ˢ ˢ
04ˢ 0.ˢ ,1 90 0ˢ - .9*.Nˢ : 6+6 8 ?.440ˢ 4 ,+"6.6 8ˢ *90*6 8ˢ 06ˢ . .0ˢ 0" , 6.6 8ˢ 0 "0ˢ
0ˢ :0 1ˢ .ˢ 090ˢ * 6 - 6+ - ˢ ,1*4 6 1*08ˢ .4ˢ 5 18ˢ 09*ˢ .4 - * 6 .*4ˢ .66+ "%0ˢ 3+.8ˢ ˢ
., , 5 .*6ˢ "0: 6.6 8ˢ * . - . - ˢ *1*ˢ 1"+ - ˢ : 60*6ˢ 04ˢ - . / - 8ˢ 4. - * 8ˢ 5 .0:0 6.76ˢ
3+.8ˢ *1*ˢ 0 "%0.+4 6.8ˢ 0ˢ *1*ˢ 6. *ˢ 09 8ˢ 06ˢ +.3+.*ˢ 5ˢ 1 + - ˢ , .+ .ˢ 41"0 0 ˢ 3+1 + - ˢ
- . / - 0ˢ *60 6ˢ *1*ˢ ." 0*.ˢ . - 2 6 1*0ˢ 6 .7 ˢ 04ˢ 6+6ˢ ., ˢ ."+6. .ˢ ,1* " .ˢ , .50 "0 0ˢ 06ˢ
- 1 2 8ˢ *0+*6 2+8ˢ .*603+. - ˢ .45"0 , .*6ˢ 41*0.ˢ 0* 04 .ˢ 3+.0 0 0ˢ $ 1 *40ˢ + +8ˢ
: 40.*6ˢ *1*ˢ 6. - ˢ 3+ 4ˢ :0" *6ˢ 3+. - ˢ 3+ 4ˢ 0 , , 0ˢ 51 *6ˢ *03+0ˢ 6. *ˢ 3+ 4ˢ 51 *6ˢ
3+. - ˢ 3+ 4ˢ 4020.*6ˢ G+.0ˢ 01ˢ 4 4.ˢ .2ˢ 5 "8ˢ *60") 9ˢ :0" 6ˢ +6ˢ 090 - ˢ *1* : 6 1ˢ 04ˢ "0ˢ
9 6 - 8ˢ ,1 - 6 8ˢ , 0.6+* ˢ 0340 - ˢ ,1* 0* 6ˢ 06 *0.*6ˢ 3+1ˢ . , 6+8ˢ 0 6ˢ 06ˢ 3+. - ˢ 7+0ˢ + ˢ
3+0ˢ <+4 0 ˢ ".+40 - ˢ 0.ˢ 0"04 1*0 ,1* 0 ,+6ˢ +*6ˢ 0. *ˢ 40ˢ 06ˢ ,5* 6.*6 .ˢ 6+0.*6+ ˢ - ˢ
*1 ˢ 3+ 550ˢ 4 *0ˢ 06 *0 ˢ 090 - ˢ 3+. - ˢ 3+.0 ˢ (+ - - . - ˢ :0 1ˢ 3+.0ˢ . 0 .6ˢ
- .*4.61 + - ˢ 7.*,ˢ 0 0ˢ ˢ 09 8ˢ 5 .0, 5+. - ˢ 0 9.ˢ $1"1*18ˢ ,7. 6.60 - ˢ +6ˢ .4ˢ 02 + - ˢ . ˢ
"+60 - ˢ 06ˢ 40,+8ˢ 0.ˢ 1 - * .ˢ ,1"".6+ +8ˢ ˢ 3+.0ˢ *ˢ 5160 6.60ˢ 7.20.6ˢ .+41 6.60 *ˢ 10ˢ
40 .ˢ ," 0*60".8ˢ 50,+* . - ˢ ,". "%0 8ˢ , /0 , 6+8ˢ 06ˢ <. - ˢ .*60.ˢ 0,+ 6.6ˢ 01 + - ˢ 5 1ˢ
50/ "0ˢ 50ˢ 1 .61 0 - ˢ ++ - ˢ 04+"1ˢ ,+ - ˢ %+6,1ˢ ,9 "0ˢ +6ˢ 3+1ˢ 1, ."ˢ 1040 0ˢ ,+ - ˢ
$1"1* 8ˢ <+*4+8ˢ 0 6ˢ 4ˢ 50 50655ˢ .*4+5.ˢ 06 *: 1".2 "0ˢ 0 0ˢ :0" 6ˢ < *03+0ˢ - 06+0*4+ - ˢ
0ˢ .0 . ˢ 06ˢ (+0,+8ˢ $5"1 .0ˢ ,5*60 7 *ˢ 5 *, 508ˢ ." 3+ 4ˢ ,1*6 .ˢ .*6 3+.ˢ 104, ˢ
- 1" .*6+ ˢ *. - ˢ .4ˢ 058ˢ 4 " 90*60ˢ 0 5 " 0ˢ 090 - ˢ 06ˢ 3+.0ˢ 50 .:0 6ˢ 0 51* .ˢ 06+?
" "0ˢ ˢ 3+ˢ 06ˢ ,1*6 .ˢ 1 ,+5 ˢ ˢ 51 1ˢ * .* 0ˢ 50 9.6ˢ 0.ˢ . - .ˢ 6ˢ 1551 6+ +8ˢ 3+ 2+8ˢ
"0ˢ 0*6 .6ˢ 2ˢ ,+ - ˢ 4+12+8ˢ 5160*6 - 8ˢ 09* 8ˢ * 3+. - ˢ 1 0ˢ 0$*00 6.6 1*0 - ˢ %. ˢ
6. 8ˢ .+60 - ˢ +6ˢ .2ˢ *,+ 1* 2+8ˢ .2 6 *0.*6ˢ 6 50*4 .ˢ 6 40 - ˢ 6ˢ 1"+6+ +8ˢ +*+ - ˢ + ˢ
50 0"%0ˢ +6ˢ 5. , .61ˢ 5 8ˢ 09*1ˢ *60 *.ˢ ,1* 1 4 .ˢ ,1* 6 6+.6+ ˢ 4ˢ :0 1ˢ 09ˢ 1 0ˢ .6+ - 5ˢ
3+ ,3+ 4ˢ 4 *08ˢ "09 6 - 0ˢ ,1 .4ˢ ,1 - - +*ˢ ,1* 0* +ˢ 40, 0:0 *6ˢ %.*6+ - ˢ 40" 20ˢ
0*6ˢ *. - ˢ 5"+ 8ˢ .5+4ˢ 0ˢ 0 "0ˢ 0" 9" 090 - ˢ 3+. - ˢ *. 0ˢ < 3+ 550ˢ 71,ˢ 1 6+*.0ˢ 4020 ˢ <
)+4ˢ 5 15 8ˢ - 0 6 8ˢ 06ˢ 71 - *+ - ˢ 20*0:1"0*6 .0ˢ 6 2+ ˢ 5 1 *40ˢ 0ˢ 6.6+ "%0ˢ 3+1B
+ - ˢ <+4 , 1ˢ 6ˢ 71*0 6.6+8ˢ 018ˢ +6ˢ 71 - *08ˢ 4,ˢ 0ˢ 156 - 0ˢ - 0 618ˢ 0 - +*0 . ˢ 5. ,060ˢ
+6ˢ ." 0* 8ˢ . - . 0ˢ < 6ˢ +18ˢ 51 6 0 - 1ˢ +6 + - 3+0ˢ 09*+ - ˢ - +6+ 8ˢ ,7. 6.6 2+8ˢ ,1*ˢ
040 0ˢ 6.ˢ :0""0ˢ +6ˢ 1, .6 8ˢ .,ˢ 50 - 6 8ˢ 01 + - ˢ 21 8ˢ *9+"1 + - ˢ - .".ˢ .4ˢ *0+6 + - ˢ
21*.ˢ .4ˢ +6 + - 3+0ˢ 50 6 *0.*6ˢ 3+.0ˢ ˢ . 090 3+0 - ˢ 7.20.*6ˢ ,0 61ˢ 2ˢ 51"" ,0 ˢ 51ˢ
+*6ˢ *1*ˢ ; 40 0ˢ 0ˢ ,+ ˢ .* / 0ˢ 1 8ˢ 3+.0 .*6ˢ 3+14ˢ 41 - ˢ 5. 6+ - ˢ 7.20.*6ˢ 3+ *ˢ ,1*ˢ
40 . 0ˢ 5 18ˢ 4020< 0ˢ "0: 6.6ˢ ,1 - 60 - ˢ 0ˢ 510* 60*6 . - ˢ ˢ 3+. - ˢ 5"0 + - 3+0ˢ *1*ˢ - 0ˢ
" 1 ˢ ". - 8ˢ 04ˢ 4. - *. ˢ ,".408ˢ 06ˢ .4ˢ 0/6 0 - + - ˢ * . - <.ˢ 03+ˢ . - .*6ˢ 06ˢ 0.ˢ - .".40* ˢ
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60 - ˢ - 0*6 8ˢ 7.0,ˢ 0 0ˢ 9*.ˢ +.ˢ 21*.ˢ 51 "%0ˢ 5.6 ˢ - 1 218ˢ +18ˢ 71 "%0ˢ 06ˢ *8ˢ .*.*4 8ˢ 0B
- 04 .ˢ 4 " 90*60ˢ 3+.0 0 0ˢ 3+.0 6 8ˢ ,1* 6.*60ˢ +6ˢ 8ˢ 06ˢ ." 8ˢ .6 1* 2+8ˢ ,+ - ˢ 06ˢ 50ˢ
"60 .8ˢ 06ˢ .5+4ˢ 018ˢ 3+58ˢ ,1*:0* 0ˢ "" ˢ 4.6+ - ˢ 0*.61 08ˢ 06ˢ 03+0 6 8ˢ 1 4 * 8ˢ : 18ˢ .0ˢ
5 +8ˢ 09 "06ˢ $ 2 . , +8ˢ 06ˢ + 4 8ˢ 0ˢ .2+". - ˢ *. .60ˢ ,0 *0 06ˢ +2 <. - ˢ 5 .0, 5 6.*60ˢ .+ˢ
6+ - *1ˢ ,1 - 6 .ˢ *1: ˢ 09 8ˢ , 0.*4ˢ , .+ .ˢ *4 4.ˢ ; 4 6ˢ 14 1 1ˢ <. - ˢ E."" ,1ˢ *1 - *0ˢ 06ˢ
0/ˢ 14 1ˢ 5.+".6 - ˢ : "0 00*60ˢ 0 - ˢ *4 9*. - ˢ . 2 6 .6+8ˢ ˢ 0ˢ 5 .0 0*60ˢ 06ˢ 3+. ˢ . 2 6 1ˢ
0/ˢ ." +8ˢ 4 ,0 06+ ˢ 02+8ˢ 40 50 .6 8ˢ *ˢ E."" . - ˢ 0 - 0. 0ˢ 40, 0: 6ˢ 3+1ˢ +2ˢ 4ˢ 60 - 5+8ˢ
:0*4ˢ ,+ - ˢ <. - ˢ 71: 8ˢ - 142+8ˢ 08ˢ 6+ 2. ˢ *, 50 0*6

ˢ 2 ˢ D * ˢ * ˢ D ˢ " ˢ ˢ $ ˢ # ˢ * ˢ * ˢ ˢ ˢ
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+ - '3+. - 5 - + *'. 41"0: 0 6'. "21'5 .061 . *1 + - '. 0 20 0*6+ ' ' , ' . +41' 5'
1 + - '* + - 0 1' ,'+6 <. - ' *6 ,&' ' ' 51 6 0 - 1' +6 *'20""1' - +6 ". 6' .' - " 6 .' '
6 1*0 *' 7.2 0. *6' 06 40 5+2" ,1' . ". *6+ ' .0,' +6, + * 3+0 - 14, .6' 5 *, 5.6+8 * 6 .<
104. : 6 3+ *3+0 .6 + - ' . ,' 4+. + - '5.6 8 ,1*, +2 *. + - ' 3+. +*" +*. '56.09*. *8
0 .6' - 50 .6.', .0408 < .'3+1 '6. *3+. - ' 1"0 7* '<. - '* + *,' *60 ' 6" 1 - . *18 '3+' 06 *'
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50 .*6 ' *60 : *6+' ""+, '. ' 05+2" , .' - " '< 3+' + - - .', + - ' 1"0 6 .0'". +40 "09.6 1*,'
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9 0 6+8' - 140 .6 1*0 - ' .' "09 2+8 5 .0 0 56. - '60*0 0 *1*' 516+ "06' $ 1/ - .' , + '
- + .67 8 + 6' ." 13+' .4 5 15+" .*4. - '516 +8 3+. - ' * 0 0*4. - ' *<+ . - < '0' *'
90* ' +1' +6' " , + "06' *. ' +6 0/, + 1*08 S1 . , 1 + - ' *' 1"4. : . - ' * 6 9. *6 2+'
$1"1* 8 44.8 +", ,0 06+ ' 3+14' ." 0* 8 :0"+6' 15 2+8 0, 6' .4 0/ 6 - .6 1*0 - '506
6 *0 0 <+4 , . *8' *0 . + 5 , 8 5 15 8 0 - ' "0: 8 .401' - 1 - 0*6' 06 6. *61' . 6 9 1' *4 9'
*. - '60*6. 06' 6.3+0 '%. 6. 8 $ 0,150* 2+8 4' *0916 ' .' 5+ 5+ .6 8 4. 6+ - ' 3+'
- 0* 0 412 ' + . - '$1"1* , . - ' 3+. 3+. :0 +8 . - 5" +8 ' - "" . + - ' 5.6 1': .6.'
+*6' , ,' 41 - 08 03+0 2 8 1 4 * 8 ; 1 + - ' .,'5.918 5"0 1 3+ ' *,0*40 +*6' 0* 2+8 !
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.2.4 8' G+.'5 .04.' 1*+ 6' , + - ' .4 050 ' :0 5 ; 670* 8 5. - ' 01' 6 .* - "+ '
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- 0*6 + - ' ' .4 3+0 *' $1"1* ' 0 +8 . , , + 0 +*6' , , .' S 1: . - ' ." 3+. *61' 63 - 51 '
*61 .6 ' 3+.' - - . *0 8 2 2. 18 60 ' .4+ 18 5+6.2. *6' 06 $06 '0 h .". , 7 .0$. ". 6 *'
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3+0 <+ 0<+ . *41' 40 - ' 12 6 */0 .6' + - ' 6. - 0*' ,15 .0 ." 3+16 6+ - +"6+. .0 .;
8 0" , + - ' 0 0 *0 - 08 ,1*:0* ,*6' +"6 - + - ' .9 - 0*' *' "+: '6 .* 6+' *60 ,050
+*6 '06 0/'6. *61' *+ - 0 1' !*. - ' , / ' + 60 , 1' - 0 - 1 . *6@ .4 ' *60 0,0 +*6' *60'
3+18 + * + - ' 050 6+ - ' 5 14 9 1 . ,' - .9* 6+4 * 8 .' A. ,121' 0C. 2 "1 : 1' 1, , +*'
0 2 6 01*. 4+8 E160, +8' , +<+8 61*8 / / :' 4 9 618 ". 6.' 0 .6' . ,' 0" 3++ - ' ,1 5+0
6. *6.0 - .9* 6+4 * 8' +6 <. ,0*8 7+ - ' , .4. :0 '+ - 2 " , + - ' : ' 6. *6 8 .66 *90 06' 0,'
,0 ". 2. *6 S1 . , ' 3+' 4+41 0 I 194. *1' 1 *, 7 1' 0 - ' +. - '.9 '0/ 6 - . *608 ' 06 5 '
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". - - .' - 00*6' *0 10 - * 8 3+ 40 - '5. ,0*608 ' 3+. + - ' ." 8 +20 .' .2 0 *4+*6' ." '
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', , ' '_ / $ - .2 #)' 3 6$; % 6])3 ' !2 % 66] 6$' ' ! 0 '
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,1* 6 6++*6 ' 0 3+0' (6057.*+ -' .671 + -'% .* ":.3 .0'5 *, 50 - ' *.6 1*D' +*9. ,+8'
+ - ' - . 6+ - ' 40 6 *.*6' .,' 090 ' 0140 - ' 40, 061' 0*+*, .*6' 6.6 - 3+0' " 60 8' .4
.0 . 0 - ' 4.6 8',+ - ' *0' 0*.61 + - ' 06' 5.+,1 + - ' 0/' *12 " 6.60' + J .9 8' 06+8' *1:+ -
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671 + - ' , 2+*6' :' 51"" ' 0"0 6 1*0 - ' 4 0' ' 0+ - 3+0' .' + , 5 0*41' $1"1* .0' 09*1 ' ,+
<+8' 0/' "09 6 - +8' ,1* 0*6 0*6 2+8' 0*.6+8' $1"1* .0' 67+.* .0' ., 1 + .0',.",+" 8
.0 . ', 0.6+8' 0"%06 ' 4071 6.*6+ <' 7 8.44 6 8' .6 1* 2+8' 3+14' 5 0'50 ' ".*4 .6. -
.,',060 18' 1 .61 08' +18' *+50 ' *',1 - 6 8' 5+2" ,0' 5 1 0 "%+8' 0 "06' 0' 0.' "090' 09*+ -
. - 2 0' +6' 5 - +8' "1,+8' .,' 4 9* 6.8' .0 . 0.0' 06' ""+ 6 " - .0' + 6 .,.0' . - " .0'.
0*.6+' 06' 03+0 6 ' $1"1* .0' 1 4 *0' 40 0 06+ ' *03+0' 0* - ' *' .* - 1' 7.2+ 0 ,+ + -
40 40 + - :0' "0 0* "" - ' .0 . 8' 0 - 1 . ' 04' 516 +8' 1 - * ' 150' .,' +4 1' 5 1 - 1:0 0
06'. - 5" ,. 0' 9 6 ' 5060 0' +6' 3+14' :0 21' 5 1 - 0 6' .41',1 - 5 1206 ' 06' 09 09 . -
.401' 0 9.' .0 . 0 - ' :1"+*6.60 - ' 0' 5' .' *+*,' 40,". 0 ' &0 + - ' (6057.*+8' 3+ ' 7.0,
71*0 6 +8' 3+. - ' :0 +8'.' + 8' 1 .61 2+8' 4 4. ' *,0 61'.47+,',1 - 6 1 + - ' 0/ 6+ ' *60
5 06. 06+ ',+ - ' 5 - + - ' 0' 090 - '.' - .<1 0' 5. 60' 0*+*, .6+ - ' *60""0/ 6' - +6.: 6' 06
.0 . .*5 + - ' 5 0,08'. - 2 9+ 8' 0 51*" 8',"+" 6' 1 - * 3+0' - 1 .' 51 67.2 6.' 09*+ -
. 1' 1 6+*.0' 20*0 , 1' 40".6+ - ' 2'.40+*4+ - ',0* + 6' '

' , # ' 40' $1"1* , 8',1 - 6 8' *1:1', 0.*41 09 ' *4 4 8 ' 0/ ' 06 ' . - "+ - '
09*+ - ' 3+14',1*60 - *02.6' - *+8' 41"0 06' 6. - 0*' 2.+4' - 04 1, 60 ' .* - ' .*902. '
6+ ' 3+14' 0. *' 0/.+9+ .6 1*0 - ' .4' 9*1 - * . - ' +. - ' 50 6 *0 0' 0/ 6 - . 06' &0 + - '
7+<+8' *<+ .0' 07 + - ' .,0 2 1 ',. +8' 1 - * *1' 12" 60 .: 6' *' .* - 1' 5 .0 0*6 .' 0 0'
0 ".*60 06' 40' . - .' 06' 5 .060 6 8' .03+0'.,' +6+ 8' 0,+ 1' J .*, ,+8' "0* 1* +8' 09 8'
.60 ' 3+' +50 1 0'.**1' 5.+"1'.*60' . 1" ' 09 8' - 1 60 - ' 3+. "' +2',+ 614 .' 7.2 6+8'
06' 51 6' *1: ' 09 8' *' E."" . - ' 04 6+ - ' 3+. 6' " 20 6.6 ' 4 9* 6.6 2+8' 06' 71*1 2+8' 0 6 '
6+6+8' +0 .6' 6. - 0* ' 0+' 0,0*6 8' *<+ .0' - 0 - 1 ' :0' 02+8' *1: 8' - .60 . 7' 3+.0 0 8?'
5". - ' +2' 4' 60 - 5+8' +606 .' 5 1 +9 6' (,' .+60 - ' 0 - ',1 - 51 + 6' .4' / : ' S." ' 4 '
5.+, 8',1 - 6.6+8' *' +2+ 2 + - ' .* . ,0"" ' <. - ' *," *.*60' 4 0' 4 :0 6 6 ' 3+. "' 50 '
- *.0',+<+ 4. - ' *: 0*4.0',.+ . ' .040 3+0'. - , ' *9 0"%+8' 4+ - ' + ' .4' <.*+. - ' 0/ '
6+ + - 6/ 504.*6 50 ' 51 6 ,+ - ' 3 14' *',. - 518' 5.602.6' 09 04 6+ ' 06' 03+1'.4' 4' 5. '
.61',+ - ' 4 8',1* ,0* 1' 0 6 *.*60 '.2 6' *0,' "1*90' 5 19 0"%+8' 6+ 2. - ' *12 " + - ' 5 '
+ - ' 5 .0 61".*6 + - ' *.4+8 ' 616. - ' 7140 - ' 51*6 *+.61' 6 *0 0 6.*40 - U 1,+ - ' *'
. *+6 2+8' 4 6<1* 8' +.0' 155 4+ - ' 50 :0* 6+ *40' 51 6 4 0' , 56+ - ' 0:+"9.6' 3+1'
5 160 6.2.6+ ' 40' +.' 09 09 .' 0 9.' 0 - 5+2",. - ' E."",. - ' 06' 0<+8' + :0 18' 1 4 *08 '.,'
., + - ' *' 5 - 8 ' :1") *6.60' <' 06' *: 4 1 0' 50 6 4.' * 3+1 + - ',1*""" . 1 + - ' 3+ '
, ,.' 090 - ' +*6 ' 06' . 1"' *' .6 0 - ' *+50 ',2*6 .' 0' 06' 156 - 18': 18',1*, 6. *6 '
5 .: 6.60' 3+.' 06' .4+ - ' " 6' " 6' 5 0' 50 ,+"+ - ' : 6.0' .4 0 6' 06' *4 9*0' 7.40*+8' " 6' 7. '
2 6+8' 12' 4' 0' 0/'.+".' 4 ,0" "%0 4 , 6' +6',+ - ' 5"0 3+0' 0/' ., 1' 1 4 *0' 06' *12 " 6.60 '
3+ '.4' 0',1* "+/0 *6' *',1 - - +*0',1* +".6' * 7 "' *' 09 .0'.+41 6.6 8 ' 3+. - ' 516 +8'
. - 5" ,.6. - ',+5 .6' 5 .0<+4 , + - ' .4+ +8' :0 + - ' *' 01' ".21 .6+ +8' +6' "09 2+8'.*6 '
3++8': 91 K' 09*1' 5"0*45 ' +2 3+0' 0 6 6+.6+ ' 0 - 16 8' .' 0 + - ',".:1' 8' 3+ ' 5.,0 - '
5+2",. - ',1*6+ 2.*6' ,<0' ".6 1, * 8' 9 ." .6 1* 2+8',.04 2+8' 06' - - .* 2+8' 71 - , 4 8'
: ' 5+2",.' 5.6 .6 8' 3+.0 6 1' 7.20.6+ ' 5 1,0 08' *',. ,0 0 - ' *4 9*+ - ' *' - 14+ - ' " *0'
+""1' <+ 8' 1 4 *0',1*<04 1":.*6+ ' 5 6 *.03+0' 4 9* 6.6' 06' 71*1 2+8' 0 6 6+.*6+ '
+2" 4 8' 9 .: 2+8'.,' 1*0 2+8' *1: 8'.:. 6 .'.+" ,1 + - ' 06' 0/60 *1 + - ' 71 - *+ - ' +9 '
9 0"" 1*0' *:04 8 ' 5"028' "0:06+ ' <' <+ .' .76 3+.' 1 - * + - ' 1 4 *+ - ' " 20 6.608 * - - +* '
6.608'.,' 5 : "09 .' 0 :0*6+ <' - .<1 + - ' 0" 9 1' *609 .' 06' *: 1".6.' 06 *0.6+ ' .":.
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' 7 / , * ' ' 9! !$' <' '; $' K' ' "#' ' ! #$' 2 &/ ' $
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$ & " 20 6.60$ 160 6.*6 2+8 04 61 . - 2, *0 , 1 ,1* ,0 ". < 06 .4 0/6 0 - + - - . 06 .03+.
,;8 A 5 89*1 ,1* 6 6+.6+ 3+14 +6 0 51 6 *1* : .+6 ,1 6 1* 2+8 .4 1 8 +6 40
, 0: 0 04 + + 5.65 0 - 50 50 09* "0908 * 6." 2+8 02+8 ."+6. 0 - 04 1 3+14
* + * :0 1 + - 1 4 *+ - ,1 - 6) 8 - .<1 08 *1 6 5 +40*6 ") - 0 51 +0 *6 5 1 *40
3+. - 40 - "0 5160 6 . 090 .6 0 06 41 * *1 +1 5060 0 +6 7.*, +. - +55" ,0 - 50
6 6 1*0 - 20* 9*0 ., , 5 .6 06 * 21*. - 5. 60 - +6 . - 0*6, .*4 4. 06 3+.0 * 7 ". *
6 3+ +8 3+. - 0 9"1 . - 09 . - 4 9* 6.60 - 06 5+2" , . - 6 . *3+ "" 6.60 - 7.20.6
5 1 0 6. - *60 5 0606+ 1, 5+2" , .61 , 561 :. 0 .* - . %0 +*6 06 5 1+6
3+" 3+0 5 :.6 8 . $0 6 1* 2+8 .5 02.6+ .+6 14 1 5 .0 0*6 + - +6+ . 0 ".2.6+ :. 0
3+13+0 40 8 4 0 02. *6 . - :+"91 5"0 3+0 0 1 71, .9 5+6.2. *6 +6 1"+6 .+". ,
- 1 08 ,1 90 0*6+ 5 .: ,1* " . . 09 8".60 0 0/ ,"+40 0*6+ 06 " 20 6.8 *9+" 8
3+ ,8 +* :0 8 0440 06+ 1*6 . ." .9., 1 08 "0* 1* + - +"6 1*0 5 :.6. 12 ,
,0*60 - *<+ . - . 40*60 - 06*.6+ . - 2 6 1 + - 0/ 20""1 <. - * ,0* "2 , .+ . .3+.0\
0 0 *60 5 06.2. *6+ 06 ."60 5. 6 0 4+,0 - 1""0*6. 0 +6 0<+8 15 2+8 06+8 5 :.
6. - 5160*6 . - .4 5 .0 0*8 ,1*6 . 090 - - . 06 06 01 + - , .+ . - .4 0/6 0 - + -
5,140 06 G+ 4. - 06 . - 0/ ,1 - 5. " 1 06 0/ 09 *.0 ,1*" " 1 4 .9 5+6.2. *6 < 3+.0
- +".6. "0*31* 0,0" 1*0 08 $ 160 6.*6 + - +2 1*4.01 41 5. 6 + - 4+,0 :.
" 4.8 *1:1 - 51 61 4+,0 ".20 . 6. 0 06 * 5160 6.60 7.20 0 ,+50 06 .0, 6. 5. " -
<.4.2. *6+ (04 5"+ 08 0/ $ 160 6.*6 2+8 5 .0 0*6 + - 50 6.0 *1:18 - 16+8 * 21B
*. - 5. 60 - ., , 5 02. *6 *1*4+ - 50 "50 61 "0* 1* *90* 1 6.3+0 # +50"". ,
1*6."2.* 0 - .+ 06 ." 8 "1, 8 9 .6 .0 5+2" , .0 .4.0 3+. 0 ,+"0 *1:1 4 0 .6
1" - "0*31* 1 *1 - ,* .4 5 1 + - - ." 50""0*4. 06 - 1* 6 . E."" .0 4020"".*4. ,
,10"1 * 60 .8 40 - "2 1* 6.6 ,0 60 000*6 *<+ . 6.6+ - "0* 1* + - 06 E+
.*8 * 5 - 8 3+1 + - ,1*"""1 .4+ - 5+6.2.6 +6 * ,+ 614 . - :0"+6 4.6+8 + "%06
*0 6+ - 090 09 *.3+0 9*. 8 4 ,". - 5 1 .:. 1 .4:0 ".0 1 6+*.0 1, 1 ,1*
" + - 40 +9. ,+ - 5.+, 8 06 * 5 - 8 ,+ - +41: ,1 2 ". 1 - 1*6 1 + ""1 - 21
.*1 06 A1.**0 U(- 01 ,05 0 < 0. 50)6 0/4, 6+8 0 E0 - .* . 5 1504 0 - :0*6+
+ - - . - 5 .0 04+ . - .4056+8 3+. - 2 ,0 + + - 1*4.0+ - 50 +. 0 .6 5+2
" , .0 3+ 06 8 ,1* 6 6+074.0 ,1"1 0 08 +.8 90 0 06 0615 - 1 08 ,1*4 6 1*08 - .*?
4.0 * 51 60 + - * 09*1 5160*6 ., . .6 0 - 506 .606 *60 0. 0<+8 4 ,0 " "* .+".
1 - 04 1, 6, 08 6+ 2.6.0 6.6 - 3+0 +41: ,+8 E1*C.9. :0 * 4+/ ,+ - ,1
5 8 3+.8 0/ 50*08 0 7.202.6 - 8 3+ .20+*60 - * 03+0 06+ 3+ +2 61 . 0
9 *. 0:1,.6+ %+ * 40 "1, 8 , , + 20 - - .*4 8 ,19 6.6+ - ,6 * 5 - 8 1
*; .*1 3+14 06 150 2+8 - +* 0*4+67 - .*+8 UE+*6."4+8 1*+8 + 005 6 /
*40 4 6 2+6.0 , , + 20 - . ,08 06 155 4. *60 5 ,0 08. ,5 .0, 5+0E+ .*18
.:. 1 3+. + 5041 5 .060 61 3+14 .* - + - 90*0 1 5 *, 5 8 ." 13+ <. -
"., .6 .401 0/+",0 .: 6 +6 3+1 0 . ,1+60 - 56+ : *4 ,. 06 6.6 - 40 0,0"%+ 3+13+0
0/ .+". ,19 6. 0 ,1050 6 ,1* +"62 0 06 - 5+" 1 0 5 .0, 5+1 E+" 0" - 1 "6. - , 1
J0 :., 1 E .*, , ,1 - 60 3+ 6+*, * 0<+8 9 .6 . 5 - + - "1,+ - 60*02.6 A. - .*60
1*4. ,+8 - " 8 .6 51*. - .4 - 50 ,1 - 6 . "09.6 8 06 , .+ , +.0 ,1 . - .0
. 0 06 - 50 5 *, 5 2+8 . , 1 4 * 2+8 0/51 6. .03+ 6.60 506 0 .6 +6 ,+ * 21*. 5B
1 + - :0* . 2 ,15 .8 50 E0 - .* . - ,1* 0 20 0 " ,0 0 *1* ,1*6 . 090 - 40 ,+
<+8 12 03+ 1 06 , "6+ 5 .0, 5+1 - .9* ,0 0 - 50 5 160 6.2.6+ 04 516 +8 5 1 0<+8
.+41 6.60 ,1*6 . * 4 .61 08 06 5+2" , .0 3+ 06 8 50 6+ 2.61 08 . 0 0*4. 3+14 1*
4.0+8<1 . - J 40 , $.".6 7 0560 - : " 3+ E0 - .* , 8 ,15 8 4+/40 "
*.2.6+ +. + 0, 6 71*0 61 - .9 8 06 +69 .6 . - 5 *, 5+ - 06 1 4 *+ - - 50 .66
4+5. 06+ 3+. - *0,0 ". 1 ,1* " 1 3+ 550 ,+ - " 20 + - 6 - 50 5 *, 5 2+8 ,6
." 8 5 1,0 2+8 50 - 50 " 20 6.60 - ., "0908 * E0 - .* . 40"04+8 7.20 +6

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/60 * 8 5 *, 5 2+8 - " 60*6 - 141 *0 "" 8 ,1*6 . .0 0 * 06 6*50 + - 20""+ - < 4 ?!
90 .6+ < 3+14 .2 - 50 J .*, , . , 6.*40 - E0 - .* , ,1*4 61 2+8 - .<1 05* ,+8
40*6 . 3+. - <+ 6 6 . 40, 06+ . 0 6 *0 : 40" ,06 515+"1".0 .03+, . , 20"" ,1 .0 90*6 8
: 6+8 .+6 5 9 6 . - . ,0 ,0 06 .+6 16 - 5." 0*8 *60 616 5 *, 508 . , , : 6.608 50
- X 6 n * 2+8 , + - :1 60 - 0/6 . *1* 7.20 06 *6+8 " 2 . ,0 06 " 20 6.6, - , . - *B
60 - 5"0 3+0 *, + . *6 2+8 3+ 71 - *08 166 " - 18 06 <+ 6 6 .0 ".+40 , + - 5 - 8
,". 180/60 * 8 5 *, 5 2+8 .4 .* - " 2 4 *0 - 5"0 + - 3+0 20""+ - 90 0*6 2+8 150 . -
" . - 104. *+*4 * .6 1*0 .44 ,0 , 06 " ,+6 1" - 9".4 .61 08 3+. .4 *0,0 - 6+ 5
5 06 1 .+41 . *1* 1"+ - *4 97+ - 04 06 *<+ 6+ - 0/ 6 - .76 * 7.8 :061 ,1*
4 6 1*,8 1*4.0+8 ,+ - A1 . - 1 $.".6 *0 ,1*:0*0 .6 < +6 5 0 5 0, 2+8 1*4.0
0/1 .6+8 ,+ - , /0 , 6+ ".21 .*6 2+8 * E."" . 52 ," 9 1* 8 , .+ . - $ 160 6.*6 2+8 ,
,+ 0 06K 150 . - 3+0 4. 06 +6 09*+ - . 5 . :1 + - ,1* ". 1 + - - 5160*60 41 -
*.6+ " 2 .6 - * .*6 3+. - " 20 6.60 - 06 5"0*41 0 - 5 6 *+ - 0 6 6+0 06+ , 5 .
+ - 4+/ 5 0 - +8 0 "06 1*4.0+8 0<+ 3+0 "09.6+8 . - +8 3+ 1*4.0 *1 - *0
& , 03+ 6+ - +1 5 15 1 *1 - *0 4+1 - "" . ,1* 0 20 06 0/ 60 - - "" . 0"
:06 1 . - 1*4.0 + - 56 2+8 "090 06 06 : - .<1 . 61 - 0*6. / , . - 50 6 . ,+ -
- * 20"" ,1 .55. .6+ * 6 .0 06 1<<4.0+8 : , - E."" , .8 ,15 .8 3+.0 E0 - .*
, .8 0/, 50 0*6 ,1* 0 20 06 06 .4 - *+8 / 504 6+ - 0 #(056 - .* . 06 * ,
03+ 6+ - ,1* 0 56. * 6 *0 0 12: . 7.20 06 E0 - .* *1* * < 1"+6 8 6 50*4 8
4 - 66 51 "0*6 70, 3+ 43+. . 1*4.0+8 3+14 .4 20""+ - .+6 5. ,0 - 50 6 *0 06
,+ - 090 .+6 ." 8 * " ,1* 0 5 06 ,1* +"61 A1 . - 1 .90 0* 44 6+ - +6 104+8
* - - *60 . - : "". 3 06 0 1 - .618 , $ 160 6.*60 8 ;1, .2.6 .6+ - 7.20.6 06 .
090 - 506 . 06 +6 " 20 6.8 04 4 8 ,1*,0 . *609 . - . *0.6 . - : "". 40 - 12 6 *
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09*+ - 6.2 " :0 6 A1 . - 1 6161 0/504 6 1* 8 60 - 51 0 * - 9+ 18 - 0* 0 8 /
.+ 01 + - , 1 *+ - 0 . ,+ 06 1*4.0+8 3+ *1* ." 60 5. ,0 - . 0 0 55 " 6 3+. -
- 506 .6. 5 . 090 : 14+ * 04 1 - .6 , - 8 & 14+* 06 %+) * 0+, 8
5 .0 04+ . 3+. - 09 8 *1 - *0 .4 - * 6 .6+ +8 6 " 20 6.60 $ 160 6.*6 2+8 * 8 ,
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5 1 - . *0 - 1 . : 14+ . +6 90*6 *.0 A1. ** . - 1 *+ - 0 0*6+
G+.8 ,1*4 6 1*08 ,6 4+ .80 6 0/5" , .6+ 4 , "0 8 6. - 0* 1*4.0+8 * " . *0,0 " 6.60
3+. 06 5 0 . , 1, + 902.*6+ 50 0 2 5. "+8 0 6 *40 0 6 7.6 50 E0 - .* . -
40"04+8 01 0 :0*6 1 0 ,+*41 + - 40 40 1 3+14 06 *1 6 , " . .+". 5 1 50 1 0 -
06+ * +, ,0 "+ - E0 - .* 5 1 - ". 6 50*4 . 0/ 01 . , ") 8 5 1,0 + . 50 . 0*6
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0 0+8 .*1: +8 E "20 6+8 0: +8 &0*6.4+ +8 ," 0*60" 8 06 15 2+8 * D 0 - 1: , 2+8
5160*8 . - : "". , 1 1 +8 8 , , 03+ 608 06 , 1, , 504 608 0, + - .44+/ 6 0* ,+8
%+ +8%+ 0*.0 : ,0,1 - 08 <+:0* 8 - 5 90 0" 1*1 .0 ."60 +8 . - :) .0 1 1 8
" +8< - .9*1 1 - *08 ,1 - 6.6+ 150 . - 3+0 +. - 06 1508 5. , +6 . 02.*6 * 09*1
,1* 6 6+0*4.0 40 0 + *6 J6 5 0 "0*31* +8$ 160 6.*6 + - , . + .0 5 1 60 - 51 0 . :0 ,
: 40 :1",2.6 , 02 3+0) 60 8 50 . - . *60 0 56 8 06 +50"". *18 06 1*6."2.*0*
0 8 * 0. 15 * 1*0 ,1* - .2.6 &0 - - +6 0 .6 +241"1 06 ;0 +61 *90* 1 *0 2
4 .) 8 * *0916 8 .4 5 .0 0*8 06 * 51 60 + - .+40 0 06 :0 6+8 0140 * 60 - 51 0 .4
51*6 ,0 - "09.6 ,1". + - 8 0**03+ *+ - J. + - .2 05 61" 8 , + - - .*4.6 8 +6
,1*<+*4 1*0 . , + - $ 160 6.*6 2+8 . , 1040 .6 8 +. - , / , + . 6 *. - "0 : 6.0 50
,+"1 - 1* 6+ - 06 0/6 0 - . *0,0 " 6.60 ,1.4+ - ,1* " . , + - . - : "". 1, . "0 3+ 0.
40 - *0,0 " 6.60 : 4+8 , + - 0 .4:0 +8 09* 50 6+ 2.61 08 ." 60 6+0 *1*<51 "06
,+ - $ 160 6.*6 2+8 : 0 8 ,1*<+*/0 6 *1* 6. * +6 01 + - , . + , . - 5,1 - ,1:0.6 3+. - +6

&+6 01 + - 150 5.,0 ,1* 6 6+6. 6. * * 0" 9 1*0 3+. - , : " .4 - * 6 .6 1*0 3+.8
. "" .03+05 .: 09 8 ,1* " . - ,0.*6 .6 1 *0.6+ 3+. +6 3+0 .4 0 9"1 . - 06
09* 6 .*3+ "" 6.60 - <+/6. 5 +8 :16 " - 06 0*60*6 . - 5 1 5 , .6+ 4 3+.0 51*
4 0/ 50 20* 9*0 0 51*4 6 ' 06 +6 - - 3+0 +6 ,1 - - 0*4.6+ - 7.20 06 ,* /0 19. : 6
- 1*+ 63 0 06 . - .63+0 06 . - : 40 06 *0 ., 1 0 *<+ .0 *1* +", ,0*4.0 ."60 -
40: 6.*4.0 0* + ,1 - - 660 06 +6 516 +8 5 :.6. + 3 . J0 6 1*+ - 3+. - - .<1 + - +5
+ - 9"1 .0?.63+0 .401 0" 9 1* 8 .*6 3+.0 .6 1*0 - 7.2+ "%0 : 40 06+

E *6 0. 3+.0 *03+0 5.,0 - 6+6. - :0""06 06 6. - 0* :0 0606+
14 + - *60 .6 08 *:060 . ,0 0 5.60 06+ *3 +6 3+0 +"504. .5+4 018 5.+".6 - :
"0 ,0 06 .+41 09 "1 + 6 +6 .4 "0*,1* + - .6 0 - - 660 06 06 5 . 51 60. 1*+8
,+ - 5 1 40 5.,0 .90*4 + ,05 6 ,+ - 3+0 , 06 "0*b1* + - .64 . ,+ - D 1 - 1
.*6 1 06 1 %.01 03+ 6+ - 6 2+* 8 *0,0 " 6+4 *0 ,1* " 1 + - 06 :1"+*6.6+ - ,1*
<+*4+ - 0 0 +6 3+ 5 +8 ,.+ . ,. ,0 0 .46 *0 0*6+ 43+0 "0*,1* + - 5 160 6.
6 1*0 +. ,+ - ,.56 :18 4 - 66 506 0 .6 **+ 0 .*60 1 - * . +60 3+0 +6 20 . 06+6
,0* + 6 5 .0 - 8 3+ 50, 0 . - , 6 .0 1 - 1 .*6 + - *<+ 1 2 ,. ,, 0 6.6+ -
50 " 20 6.6 8 .4. .*603+. - 4 .2 "0*,1* 1 4 0 60 5060 06+ 5".,. 1 6 ' +6 1" 4.
*0/504.6 20*0 , 9 .6 . 50*08 090 - 09 *. - 3+0 0 06 06 71 - * 8 3+. - 90*0 1
6. - *,0 ., :0 ., 8 40 ,058 40" 150 . . , 0*4. - *60 .6 08 ,1*,1 4 . -
+60 06+ A. - .*60 1 %.0+8 :."06+4 *0 - ,.+ .6+8 . 6 " . 0 - +8 +0 .6 * .040 8
+.8 . 6 " .0 5 1/^.8 +2 "./. ,+ 614 . 7.2 6+8 1*6 . 1 - 1 .*6 +8 . 3+1 - .9 8
0/ ,9 *.3+0 2 - 06+02.*6 * . 6 " . . 40 ,+ 614 6+8 +0 .6 06 ,+ - 5.+"1 .*60
.2 * - , 8 ,". " - .0 6161 09*1 . - " .0 + - 1 5. +8 + 06 3+. . - : "".
.60 (056 - .* .0 5 .0 08 1*50" 0/ 02 0 : 1"0*6. +2 61 40,0 " "06 +21 *.6 8
06 . - 71 - * 2+8 3+ .6 .6. - . - " . - 06 +*+8 50 + 20 - , ,+ - 4+4+ - 0 : 4 "0
. - . 0*6 ,1* "+*. 1,,+"6+ - * .+". * 6+ - +0 .6 40 1 - 1 .*6 1 5 1 *14+
. 0 . *<04. 5 .0 1,.*41 4 - .<+8 0, 06+ - 06 0:+"9.6. 50 . ,+ - ; 1*0 -
. ,7 .6 + . 09 + - . - . 3+. 1 - 1 .*6 +8 4+ ".*9+ * 8 ." 3+16 08 60*6.6+8 0 "06
+6 *15 *.6. - 1 8 0<+8 +50 ;0* 0*8 - 1 21 1*6 ,1 516 +8 3+. - : 1"0*6 .0 .66
2+0 06+ (04 F,+ - 0 0/03+0*4.0 *0936 + - 4 09 4 1 (1; 01 09 ,+2 ,+" 5 .0
041 4.6+ - 0 "06 71 - 1 5 12+8 06 .2 1 - * 8 *<+ .0 ,1* " 1 ." 0*+8 - 1 .8 6.*6 50
. 6 , 1 0 *0/+ 6 4+ - 44 1 40 0 :0 00*60 510* 60*6 . +,,040 06 06 40 - 1 60 . -
: "".0 ." 1 *+*, .6. ,0 6 +8 ,19*1 0 51 06 6. (1: 4 20*0 , 1 : 6. 156 - 1 : 1
5 .060 09 8 . 5. 0760 - ."050 +. ;1 +*6.60 - 0 :.6. 0 6 ' 3+1 6. - 0* +60 3+0 *+"B
"+ - - .9 8 4+ - 02+8 4 ",0 "+ "0*,1* 6+ 2.6 8 - * 6 + - 0/50 6+8 0 6 8 3+
40 - 3+. 0 .6 .* - - .9* 6+4 *0 5 :.6.8 *<+ .8 6.6 - 0 5+2" ,.0 ,1*41*.: 6
*03+0 6. - 5 +8 . - : "".0 *0, *1* D 0 +: 06 %71 .0 .6 + - 3+ 0 6+ - +"6+.*
6 + - 5. 6 2+8 .4<+*/0 .*6 .6 1*0 - 7.2+ 6 ' 3+. - 1 - * 150 0* /+8 0 6 +6 09 8 12
03+ 1 06 5.6 .0 ,7. 6.60 3+.0 50 20"". , : " . ".,0 .6+ * 7 " 2 5 15 +8 0 "0 06
:0 2 8 06 .41 5 1 ,1 - 5 12. 06 9 6+ 1 - 1 .*6 1 06 1 ".01 ,1 - 6.6. 09 *. *
%+ 1*08 5 1 , 0 6+ 40 5.,0 ,+ - "0*,1* 1 " 1 .4+ .

& 6+ * * E0 - .* . ,+ - 1*4.01 %71 .0+8 06 . - " .0 06 ,1* " 1 + -
*0,0 " 6+4 *0 ,+ - 01 06 5 1 "0*,1* 5 ,1 <+*4+8 +6 3+ <. - +50 6 60 . 1"1 090
0/ .+". 6.*3+. - ,1* " 0, 061 6 ,1* 0 +8 - .6+ 0 5 1 +9 "06 8 *60""041
"0*,1* 0/ .+". 4 ,0 "+ 1*4.01 .+41 + 6 +6 5 .0 04+ . - +. - "0*,1* 1
+"6 1 40 0 06 06 * 5 150* .3 - *4 , + - 40".6. - - .*+ - .+/ " . 0 - .*603+. -
,+ - 6165 0/0 , +8 E - .* , 121 0 * E."" . - 50*06 . 06 .4 5 + - - 660 06
0<+"3+0 4+,0*4.0 5 0 1*+8 + ,05 6 9 6+ ,+ - 03+ 6+ - E0 - .*1 + - #
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9 0 " 8 ',+ - 'P 90 - '<+/6.' ' 7. 6.0+ - '6 .* - 660 0 40, 0: "06 ' *60 - 3+0 *1:.8
,15 .8 + 8 - .*4 8 5 1/ - .'4 ,+ - 0*8 ,1"" 90 06 U 66 * .,+ - ' .4 /1* . - ' :,* 6<
+2 ' ,1 - 5"+ + - '4 0 + - ' - 1 . - '5".,.*4 8 E0 - .*1 + - '12 *1* 1"+6.' 6 50*4 .' 6+ '
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60 '50 03+0 06+ ' .' 09 8 +*4 3+0 , *9 6+ ' 6.' +6 0".2 ' , 6 .' ,0 6. - 0* *1* 51 "06
A. - ' .*60 0/ S ." ' "'5+2" ,.61 4 5"1 - .60 04 /0 .6 '+6 40"04+8 09* '06 ,15 .0 '3+.0
+ 8 6 50*4 8 - 0 02.*6 ' .4 4 0 - ' ,1*4 4. - ' ,1*:0* 0*6< 9 .: 3+0 510*.'5 151 6.'
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90 06 ' 6.3+0 .4 . - . - ' .4:0*6+8 E0 - .*1 3 - ' 0* ,+8 167. *9+8 E+ +8 *
. - 5 . * . - ' ,+<+8 5 .0 08 0 .6 ' ,+ - ' '03+ 6 2+8 ,.6.57 .4 8 - +8 +0 .6 ' +6 E0 ?
- .* 8 *9 0"%+ - '5 17 20 06 ',+ ' - 1/ ' + - - ".'/'504 6+ - ' '4+,0 $7 " 551 (6 1CC 1
504 6.6+8 E."" , '5 .0 04"1 '06 .4<+* 6.0 A.,12 ')' + "2" ') 6 ,0* - '4+, 8 0/ (056 '
- .* .' 04+,08 ,15 .0 ' 06 0.0 '3+.8 1*50* 0 +8 * $ 41* 2+8 7.202.6 ' + - '
E+ 1 0 .*6 . 1"+8 .60 # 04+.*.0 - . ,7 1 ' - .*+8 E+*6."4+8 1*+8 ,. 6 1 '
+ - '5 .0 04+8 06 E+" ' "6. - 0 +8 J0 ;., +8 ' " '%71 .0+ - ' . 4 +8<+/6.' '%R0141 4
,. 6 + - ' .4 .6 1* . - ' + 90*6 ' 06 ." 13+ '*+ - 0 1 - 5. 0 - '41 - 0 6 ,.' 04 6 1*0 *60 '
E0 - .*18 0, +40 00*60 .* - ' .*/ + - ' .4 5 10" ' *0,0 " 6.60 - ' ,1 - 50""+*6 ' 3+14
06 ""0 *1* 09* 60 ' ,.50 " 6 ' .** 60*6 2+8 V ' . 0 60 * 1 06 ".+4 1 *61* 1 V & 0* '
0 6 "0 :.*6 1 : 190*0 0 06 : 6+60 "+ 6 ' *0 516 +8 ,+"5.'5 15 .'3+. - '71 6 + - '
: 6+60 : *,0 0*6+ ' 6.3+0 ' +6 * 6+ - +"6+ ' * 6 +4.' 01 ' 1 4 *0 ., 08 ' +6 E."" ' *
5 - 1 .9 - *0 .*60 E0 - .*18 "1,.6 ' 6. 0*6<%71 .0+8 ,+ - ' *12 " 6.60 E."" ,.' 0,+* '
4. - ' ., 0 - '4+,0 06 ' ,"15506. '504 608 +6 *3+0 03+ 6+ - ' .".8 6 5. 0*6 ' $ - + - '
:0" 6.6 1* 2+8 08 .4. ' , 6 .'+6 + 3+0 5. 6 8 9 .:0 4 50*4 + - ?%+ * 04+.* +8 ,+ '
01 .41 - .9.': ' *'E."" ,+ - '504 6.6+ - ' *,+ - 2 6 ' 3+0 * - 1/ E+ +8 .6 ' +2 '
4 1 :0* 0*8 0,+6+8 0 6 ' ., ' - 5 0 " 1*0 .4. ' 3+. - ' * 7 "1 - *+8 "0 :.*6 +8 06
. 0 60 * +8 1 6 60 ' + 6 *+0 0 ' ' 04 6.*40 - '51 6 09 09 0 *.:.6. - ' * +2 61 ,0 6. - *0
150 . - ' .4 0/6 0 - + - ' + ' +*6 ' . 0 60 * +8 5 0 ,+ - '"09.61 06 5.+48 104 +8 ' "0 B
:.*6 +8 ,+ - ' ." 3+16 ,.56+8 ' %71 .0+8 ,+ - '0/504 6 1 2+8 ' 06 * 8 *61* 1 B ("" 1
+5 516 1 ' 0 50 ,+"1 +24+/ 6 ' E0 - .*1 + - ' .9 - 0* '3+14 '0 , 02.6 ' *'5 10" 1
- - 16+ - '51 6 6 .90 - ' ." 1 + - ' .4 E+ + - '6 .*8 +9 6 ' 3+ '5.".*60 8 . 40*6 +8 * 0 '
,+6+8 ,+ - ' * - " 60 - '12 6 *.61 .* - 1 0 4040 0 0,+ .*60 - ' *, 4 "06 ' 4+ - '50 ' :0 '
5 06.' 0* - ' ,040*6 8 :0 6 9 8 * 6 6 ' ,"15506 ' 4+ * - .".' * 6 .' .,,0561 9 .: 60 '
.+, .6+8 5.0*0 0/ 03+1 ,1*, 4 6 ' ,1*6 *+13+0 .' + 8 +50 :0* 0*6 2+8 * 71 5 6 + - '
0".6+8 0 6 '4.5 1 *60 0. '4+ - ',060 '4+,08 .4 + - - '4+, 8 ,. + - ' 6+50 0*6 %71 .01 '
3+ '5 .0, 5 6.6 ',1* " ' * - +".6+8 '12 4 50 '616. - ' : 6. - ' - *1 0 40 *,058 * 5 06 1
7.2 6+8 0 6 ' %. - 0* '5 1 60 - 51 0 ',+ - ' .4 "0* 1* + - ',+ - '5.+, 850 :0* "06 ' .4+ - '
*0,0 " 6.60 0/,+ .: 6 ' 06 ,+"5. - ' * E0 - .*18 6+ - +"6+.*60 8 0<0, 6 ' 06 0* 1* +8 '
:0 . - " .0 5"0*41 ' :0 . - : "" .0 . - , 6 .0 71,'4040 6 ' 0/,+ .6 1*0 - ' * 21*. - '
5. 60 - ' .,,05 "0 : 40 ' :1"+ 6 ' 06 %71 .0+ - '5 .0, 5+1 "1,1 + 3+0 .4 5., ,.6 1*0 - '
5 1/ - . - '50*08 '7.2+ 6
&"""' # ' 09 *.' * '%+ 1*08 5 1 04.' ,+ - ' " 1 '3+ ' . - 5 * .,+ - ' + B
3+0 5 - . . - ' 1*50* 0 ' . ,0 6 ' .4 5 . - ' :0* 6 ' 1 - 1 .*6 ' 5 .0, 5+0 *60 '
:0*6+' .9 6 ' 06 51 6 - +"6.8 7 *,' *40 ."60 , .6 1*0('06 0, 06.' ,1""13+ . '3+ 2+8 616+ -
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% $ ' ' ' L5 $' '5 ' ' ' ' ' 0 ' '
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' ' ' 0 ' ' ' 'B ' ' ' ' 6 *' _ '+ 0 ' '
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& ˢ 412 0 - ˢ 06ˢ - .<1 0 - ˢ 03+0*6 8ˢ - ,* 8ˢ5. 60 - ˢ0/6 ./0 +*6ˢ6.*40 - ˢ ,+ - ˢ40ˢ5.48
) ˢ) ,1*4 6 1* 2+8ˢ,1*:0* 0*1*ˢ51 "06ˢ *ˢ *4+, .8ˢ 0 - 0 6 0 8ˢ,1* 0* 0 +*6ˢ3+.0ˢ.ˢ ˢ
S."ˢ 0, ˢ *, 50 0*6ˢ06ˢ *ˢ: ˢS."ˢG+ *6"ˢ.**ˢ 03+0*6 8ˢ0/ 0*6< 3+. + - ˢ60 - 51 0ˢ
+6 *3+0ˢ.2ˢ. - 8ˢ *,+ 1* 2+8ˢ06ˢ1 - * ˢ - ."0 , 1ˢ50 ˢ+* :0 + - ˢ 09*+ - ˢ.2 6 *0 0ˢ
6+ ˢ 4<0 6.0ˢ7.0ˢ"0908ˢ+6ˢ 0/ˢ ˢ.+ 01 + - ˢ, 1ˢ E0 - .* 8ˢ.ˢ 1*4.01ˢ,1*4+ 6 8ˢ
*+ - 0 . ˢ<+20.6ˢ - 141ˢ*0ˢ 5 ˢ 70*+ - ˢ6 .* 0.*6ˢ*0, *ˢ 09*+ - ˢ40 ,0*4.*6ˢ *B
60 - ˢ 0,+ 6.6 8ˢ,.+ .ˢ$ 160 6.*6 2+8ˢ06ˢ .671" , 8ˢ 1040 .6 8ˢ7.0ˢ+ 208ˢ.66 2+6.0ˢ
. *91" - .ˢ 1 6 + - ˢ(."- + .ˢ :. ,+ - ˢ 6+ 9+*.ˢ 7. 6.0+ - ˢ.4ˢ 90 - ˢ06ˢ
0C0 .ˢ.4ˢ 1 . - ˢ3+.0ˢ *ˢ 1*4.0ˢ - .*+8ˢ,1* 9*. 06+ ˢ4.6.ˢ 40ˢ.2ˢ "0*<1* 1ˢ
.,ˢ 1040 .6 8ˢ3+. - 5 - + - ˢ *4+, .0ˢ0/5 .:0 *6ˢ :0ˢ5./ˢ :0ˢ20""+ - ˢ 03+.6+ ˢ+6ˢ
+ 208ˢ"".0ˢ 0 6 6+.*6+ ˢ .4ˢ3+. + - ˢ,+ 614 . .ˢ 0/ˢ ˢ, 1ˢ5 .0 4 . 18ˢ.2ˢ "0*b1* 1ˢ
40" 90*418ˢ ,ˢ 60 - ˢ*12 "0 8ˢ6+ - . - ˢ,ˢ, .6.57 . 61 + - ˢ03+ 6+ - ˢ 5 +8ˢ "0* 1* ˢ06ˢ
ˢ 0":06 18ˢ06ˢ,ˢ ,"15506. 18ˢ.4ˢ0<+8ˢ,1 51 8ˢ 6 5.6+ - ˢ + 8ˢ + - 56 2+8ˢ.".6ˢ 0/ˢ: ˢ
, - ˢ,15 .8ˢ1 - *0 8ˢ0/60 *.8ˢ5 .060ˢ ˢ 0":06 18ˢ06ˢ(,1618ˢ,+ 614 .0ˢ,1 51 8ˢ * 0 ˢ
: 0*60 8ˢ4 - 66.6ˢ06ˢ+6 *3+0ˢ. - .ˢ - +"ˢ.,ˢ+ 208ˢ5 1 - ".0ˢ6 .4 6.0ˢ +0 *6ˢ4051*.*ˢ
6+ ˢ 6ˢ3+ .ˢ71,ˢ*1:1ˢ - 16+ˢ *,71.6+ - ˢ +606 .0ˢ*+50ˢ40ˢ5.,0ˢ*0916 + - ˢ *60 - ˢ
+ - ˢ +0 .6ˢ 51 6 0 - 1ˢ,1*:0*6+ - ˢ +6ˢ5 *, 508ˢ5 1,0 08ˢ5 1: *, .0ˢ06ˢ+ 208ˢ 1040ˢ
.6.0ˢA.*+. 1ˢ5 1/ - 1ˢ40"09.608ˢ,+ - ˢ5"0* 8ˢ - .*4.6 8ˢ - 66.*6ˢ ,+ - ˢ3+ 2+8ˢ40ˢ5.,0ˢ
.03+ 8ˢ .6 1* 2+8ˢ01* 6 6+0*4.ˢ.9.6+

ˢ . - / - # 50 0 56 8ˢ06ˢ .67. *.0ˢ.,ˢJ .*, 0ˢ - .*+ˢ +2 9*.6 8ˢ
3+14ˢ1 6 8ˢ+6 *3+0ˢ + 5 0 1* 2+8ˢ*0+6 ˢ .6 8ˢ21*.ˢ 40ˢ0.8ˢ - 5"0 0*6ˢ *4+, .0ˢ*1*ˢ
6.ˢ, 61ˢ5 1 - +"9.6.0ˢ +*6ˢ . - ˢ 0/ˢ *60 0.ˢ: ˢ ˢ 0":06 1 - - ˢ,1* 0 2 6ˢ06ˢ40ˢ
"04+8ˢ50 ˢE0 - .* . - ˢ7.20 ˢ,+ .6ˢ . 1"1 .*8 0"4 1ˢ,1 - 60ˢE. 5. 0 ˢ(,71 - 20 9 1ˢ
06ˢ 7 61571 1ˢ ˢ . "2 - 506 .ˢ12ˢ 4ˢ +606 . - ˢ ., , 6 8ˢ ˢ3+ ˢ,ˢ.+ 01 + - ˢ - "" .ˢ5 .0F
0*6ˢ50,+* .ˢ*+ - 0 . ˢ50602.*6ˢ06ˢ ˢ ˢ,+ - ˢ5 - + - ˢ, ˢ ˢ03+ 6+ - ˢ3+18ˢ
.44+4+ ˢ0 .*6ˢ.4ˢ *0 8ˢ 09*ˢ50 :0* 0*6ˢ *ˢ0. *ˢ 0 - ˢ,1*:0*6+8ˢ *ˢ6+20ˢ1 - * + - ˢ
1 4 *+ - ˢ *4 4+8ˢ06ˢ *ˢ5+2" , 8ˢ.04 2+8ˢ,0"02 .6+8ˢ - .9*.ˢ 03+0*6 .ˢ< +2 ˢ,+ - ˢ50ˢ
40"09.608ˢ 0/ˢ.2ˢ 8ˢ, ,ˢ" 2 . + - ˢ - "" .ˢ - +6+1ˢ5060 06ˢ.4ˢ :ˢ - 0* + - ˢ 6 50*4 + - 0"ˢ
:06 8ˢ40 6 *.6+ - ˢ - - .*0ˢ3+. - ˢ1 - * + - ˢ.* - ˢ,1 - - 16ˢ +*6ˢ ˢ40 - + - 3+0ˢ.55.ˢ
+ 6ˢ *ˢ515+"1 " - .ˢ06ˢ15+"0*6 "" - .ˢ7.40*+8ˢ, 04 6.ˢ+ 20ˢ:0 2.ˢ5"+ 8ˢ3+. - ˢ50,+ˢ
* . - ,1* 6. 0ˢ . - ˢ51""ˢ"1*9. - ˢ06ˢ0/3+ 61ˢ:0 21 + - ˢ1 *.6+ˢ.9 6.6. - ˢ40" 20 . ˢ
6 1*0 - ˢ 6.*40 - ˢ +55"0/ˢ" 20""+8ˢ *: 4 1 0ˢ50 0 56+8ˢ0 6ˢ. - 5" " - ˢ1 4 * 8ˢ,+ .ˢ
+ - ˢ .6 1*." + - ˢ.,ˢ:04 9." + - ˢ 0,,"0 . 6 ,1 + - ˢ06ˢ,060 1 + - ˢ, : + - ˢ$. 0* + - ˢ
*1 - *0ˢ06ˢ.4ˢ 090 - ˢ - 0* 0ˢ 0,0 - 2 ˢ50 ".6+8ˢ3+1ˢ - 0 .2 " 8ˢ*1*ˢ 2"+ - ˢ+ 2 8ˢ
04ˢ+* :0 ˢ 09* ˢ,+<+8ˢ *ˢ+ 20ˢ:0"+6ˢ - .6 ,0ˢ ."+8ˢ5+2" ,.ˢ:0 602.6+ ˢ ".6+8ˢ06ˢ5"0ˢ
2 8ˢ616ˢ20"" 8ˢ06ˢ170 2+86. - ˢ4 +ˢ:0/.6.0ˢ06ˢ0/7.+ ".0ˢ,.". - 6.8ˢ1,+" 8ˢ +2< , 02.6+ ˢ ˢ
*. - ˢ/ :ˢ.27 *,ˢ.** 8ˢ50 ˢ20"".ˢ, : " .6 90 08ˢ 0/ 08ˢ,0*60*.ˢ - "" .ˢ" 2 . + - ˢ.2ˢ+ 20ˢ
0/ˢ +* :0 ˢ 29*ˢ15 2+8ˢ +2 - * 6 .6.ˢ0 0ˢ06ˢ4+5"1ˢ 0 0ˢ - .<1 0 - ˢ + - - . - ˢ.ˢ ., 1ˢ
1 4 *0ˢ3+.0ˢ5 14 9 1 .ˢ06ˢ 40 - ˢ +50 .*8ˢ + - - .ˢ - 0 0ˢ 09ˢ 09*13+0ˢ+* :0 1ˢ.,ˢ
*9+" 8ˢ50 0 6ˢ *+""1ˢ." 1ˢ5 1 04+ˢ3+. - ˢ+6ˢE."" .ˢ *ˢ 0ˢ,1 - - ".ˢ".,0 . 06+ ˢ06ˢ
5 15 8ˢ: 2+8ˢ".20 .4.6.ˢ0/60 8ˢ.4ˢ5 .04. - ˢ06ˢ"+4 2 + - ˢ5.60 06ˢ 0. *ˢ.ˢ<+ 6.ˢ 0ˢ
.ˢ *:04. - ˢE."" .0ˢ,.". - 6.60 - ˢ3+ 550ˢ,+*4 8ˢ1 4 * 2+8ˢ,1 +56 8ˢ50 :0 2ˢ<+ 0ˢ
06ˢ.0 . 1ˢ 0,+8ˢ3+. - ˢ151 6+ 6ˢ.4 - * 6 .61ˢ *. - ˢ+6ˢ.ˢ ., 1ˢ1 4 *0ˢ * 6 .ˢ4+,.*6+ ˢ
2 40 8ˢ.:. 6 . - ˢ06ˢ0/ˢ0.ˢ 104.8ˢ*+*4 *.6 1*08ˢ5 15.9.6.8ˢ"+/+ - ˢ5 .060 0.ˢ06ˢ - ˢ
5+4 ,18ˢ - 1 08ˢ*1*ˢ5. :. - ˢ1 J0* 1*+ - ˢ,.+ . - ˢ,+*4 8ˢ5 .020 0ˢ *ˢ<+4 , . 1ˢ06 . .ˢ
1 4 *0ˢ *1*ˢ "0: 60ˢ.ˢ - .9 " .6 2+8ˢ50,,. 3+1 + - ˢ - +*0 .ˢ5.". - ˢ :0*." .ˢ,+ - ˢ
5 1 60*6ˢ2.+4ˢ - + - ˢ4020 0ˢ0 0ˢ ˢ40ˢ5 6 *.ˢ **1,0*6 .0ˢ5 +40*6 .0ˢ06ˢ*609 6.6 8ˢ
".+40ˢ 3+.0ˢ616ˢ5 *, 508ˢ0/60 *18ˢ.4ˢ<+8ˢ.ˢ 0*.6+ˢ 09 1ˢ5060*4+ - ˢ1" - ˢ *: 6.: 6

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51 8ˢ,+ 614+ - ˢ *ˢ5 - 8ˢ+6ˢ5"028ˢ + 6 , . ˢ50 ˢ.9 18ˢ 51" .6. ˢ06ˢ*1*ˢ 1"+ - ˢ . : . 0ˢ 04 ,+8ˢ
*<+ 1 0ˢ7.2 6. ˢ,+"6+ - ˢ.9 1 - - ˢ1 - 660 0ˢ,19.6+ ˢ< 0.3+0ˢ 0ˢ 0 ˢ+6ˢ1 - * + - ˢ1 4
*+ - ˢ:04 9." . ˢ3+ .0ˢ 0 0ˢ0ˢ,+"6+ .ˢ60 .0ˢ.5+4ˢ*18ˢ5 1:0* +*6 ˢ3+16 4 0ˢ - *+.*6+
,6ˢ.4ˢ* 7 "+ - ˢ6.*40 - ˢ 04 9.*6+ ˢ 5 .ˢ06 . - ˢ561,716 157 .ˢ090* 8ˢ."0*4 8ˢ: /ˢ714 0
+ ,0 0ˢ< 013+0ˢ *0,0 " 6.6 8ˢ51 6 0 - 1ˢ 40:0*6+ - ˢ0 "0ˢ +6ˢ ,+ - ˢ:04 9." .ˢ.**+.ˢ*1*
"+" ,0 0*6ˢ +*418ˢ 5 18ˢ5+2" ,.ˢ.+41 6.60ˢ4 6 .7ˢ*0,0"%0ˢ +0 6ˢ *0,ˢ 0ˢ50,+* .
.0ˢ.4 - * 6 .6 1*0 - ˢ06ˢ4 50 .6 1*0 - ˢ : 6 1ˢ +1ˢ, . 0 0ˢ 3+ 550ˢ,+ - ˢ,1* 606ˢ5"0
1 3+0ˢ. : . 0ˢ * .ˢ :0 . ˢ06ˢ *+6 " 2+8ˢ + - 56 2+8ˢ .,ˢ". 9 6 1* 2+8ˢ .*60ˢ6 0** + -
,+ - ˢ +50"".ˢ12A 40 06+ ˢ06ˢ 08ˢ+2 3+0ˢ *ˢ. 41ˢ0 "0*6ˢ *1*90*6.ˢ - "" .ˢ.+ 01 + -
.**1ˢ 03+0*6ˢ 056 *90*6. ˢ06ˢ 6.ˢ40 * ,058< 71,ˢ:0 1ˢ : /ˢ 0Rˢ - 0* + - ˢ 5.6 1ˢ . -
5" +8ˢ, , ,ˢ.+ 01 + - ˢ, 1ˢ.2 + - 56.ˢ0 "0ˢ 5 .060 0.ˢ *ˢ50* 1*08ˢ06ˢ +50 : . ,+.8ˢ 6 +
- 14 ˢ 08ˢ3+16.** 8ˢ5"+8ˢ , ,ˢ .+ 01 + - ˢ , 1ˢ - 50*4 < 013+0ˢ 1*0 0ˢ *1*ˢ - 04 1, 60
.0 . + - ˢ9 . : . 3+14ˢ0/7.+ 6+ - ˢ5"02 8ˢ - 0 .0ˢ 51" 8ˢ.63+0ˢ.401ˢ .*9+ *0ˢ . , .6+
*0,0 "0ˢ0 6ˢ.4ˢ7.0, ˢ3+16 4 0ˢ*1: .ˢ6 2+6.ˢ.2ˢ0/60 8ˢ0/,19 6.6.ˢ *ˢ5+2" , . - ˢ50 * , 0 -
*:07ˢˢ3+1 + - ˢ*1*ˢJ .*, ˢ ,+6ˢ 09* ˢ"09 2+8ˢ, .+6+ - ˢ0 6ˢ 04ˢ0/60 ˢ 5 ˢ:0 0ˢ 09*
7 +4 *08ˢ.,ˢ:1 - , .0ˢ *6ˢ 040 - 561 08ˢ *60 0. ˢ5"020ˢ.4ˢ0/6 0 - . - ˢ *15 . - ˢ 04.4.
,1 - - 0 , + - ˢ+2 3+0ˢ12ˢ0/.4 1*08ˢ - - 14 , .8ˢ *60 - 66ˢˢ06ˢ *9+"1 + - ˢ *15 .ˢ 0
+6ˢ 0 5+2" , .ˢ090 . 6ˢ 7 8ˢ . , ,040 0ˢ4060 6.*4.8ˢ *ˢ 0+ - ˢ0X0 .*6 + - ˢ,1*6+ - 0" .8ˢ06
10*0 .*4ˢ<. - ˢ" 20 . - ˢ" ,0*6 . - ˢ3+ 2+8ˢ 02+8ˢ. , ,0* . - ˢ 0 - 0ˢ *ˢ*18 0ˢ . - ˢ*1*
5 +8ˢ5". , .2 "05ˢ 1 0ˢ 3+. - ˢ5 06.6ˢ.*60ˢ1 - * .ˢ5 1"5 , .6+ ˢ<+4 , 1 + - ˢ1 41ˢ50
:0 "(68ˢ,1 9.67 ˢ 06ˢ.4ˢ5"02 8ˢ06ˢ+* :0 1 + - ˢ"0: . - 0*6+5ˢ - .<1 0ˢ 40ˢ.,ˢ5. " - 1
* .ˢ *ˢ51 60 + - ˢ.0 . + - ˢ.4 - * 6 06+ ˢ5 1 *40ˢ0ˢ 0ˢ: 40 ˢ+6ˢ71*ˢ6. *ˢ *ˢ20""ˢ90
0*4ˢ .6 1*0ˢ06ˢ + - 56 2+8ˢ *ˢ ""+4ˢ . , 0*4 8ˢ".21 06+ ˢ3+. - ˢ .6 1ˢ *0.6+ ˢ3+.ˢ5.,0
*ˢ 09*1ˢ,1* 6 6+6. ˢ5 06.6 ˢ<+ 6 6 .0ˢ 06ˢ5"02 8ˢ"0: . - 0*61ˢ3 "14ˢ20""1ˢ, : "ˢ . 40*60
50 . ˢ*1*ˢ5160 6ˢ 41*0 8ˢ 0 - 04 8ˢ3+. - 5 - + - ˢ,1* +".6+ ˢ (+55" , ˢ" 20""1ˢ.44 6.
+41: ,ˢ ˢˢ3+ ˢ*60ˢ :18ˢ 0 0 ˢ - 0 + 6ˢ.4ˢ$7 " 55+ - ˢ " + - ˢ - 1* 6.ˢ ˢ. ,7 : 8
5+2" , 8ˢ:0*0 .*4.0ˢ.*6 3+ 6.6 8ˢ5 1".6.ˢˢ3+ 2+8ˢ ""ˢ 0" 9 1* 8ˢ,+"6+ - ˢ090*1 + - ˢ,
. - ˢ.*60ˢ1 - * .ˢ,1 - - 0*4.2.6ˢ5 .0, 5 02.63+0ˢ *0ˢ5"020 - ˢ*1: 8ˢ6 2+6 8ˢ * "ˢ*0
,0"%6.8ˢ+ 90 06ˢ06ˢ0/ˢ 5 ˢ+8ˢ,1* 0* + ˢ.4ˢ60 - 5+8ˢ6.*6+ - ˢ1*0 . 06ˢ5 . :18ˢ,1* " . 18
.ˢ".60 0ˢ +1ˢ , - 1 :0 06ˢˢ<+4 ,08ˢ +18ˢ - 1*0 06ˢ+6ˢ *+""1ˢ50 1*. + - ˢ .,ˢ*0ˢ5 *, 5 8
5 +8ˢ 0 504+ˢ 7.2 61ˢ<+8ˢ .03+.2 "0ˢ *60 ˢ5. 608ˢ4 ,0 0*6ˢ 6ˢ 0/ˢ *60ˢ.4+".6 1*08
04+,.6+8ˢ3) ˢ 71,ˢ*1*ˢ +55" , .6 1 8ˢ 04ˢ5 .0,056 1* 8ˢ"1,1ˢ. , , 50 06ˢ *1* - 04 1
, 60ˢ *6 .ˢ 0ˢ +, ,0* + 6ˢ 0 60ˢ?& ""1,". +8ˢ 09ˢ2".*4 0*8ˢ ,+ - ˢ+ 2 8ˢ*1 - *0ˢ"1
3+0*60 - ˢ *60 .6+8ˢ0 "06ˢ06ˢ,+ ˢ6. - ˢ5 .0 .40ˢ 090 - ˢ,1 - 50"". 0ˢ.+ +8ˢ0 "06ˢ 19. 06
40"09.6+8ˢ , 56+ - ˢ - 1/ˢ0ˢ *+ˢ5 16+" 6ˢ3+1ˢ0.40 - ˢ3+.0ˢ 0, 6. :0 .6ˢ ,1 - 5 0" 0* .
0 .*6ˢ G+1ˢ,1* 5041ˢ 0/ˢ3+ˢ:0 0 06+ ˢ *0ˢ,1*60*6 1*0ˢ,1*6+ - . , . - ˢ40"09.6ˢ."
,*1ˢ60 - 51 0ˢ 6. 06ˢ& ""1,". 1ˢ **+ 6ˢ+6ˢ.2ˢ *<+ 1 1ˢ 0 - 1*0ˢ3+14ˢ ""ˢ5 .0 0*
6 .ˢ 09 8ˢ 061ˢ 1"0 - *0ˢ0 .6ˢ60 - 50 . 06ˢ 5 0ˢ - 140 .6.ˢ1 .6 1*0ˢ$. 0* 0 8ˢ *, 0
5+ 6< 6,0"0 6.60ˢ50 ,+"1ˢ5 .0:0 60*4+ - ˢ - 1*+ 6 3+14ˢ0/ˢ* - . ,+*4.6 1*0ˢ065 .0
51 60 1ˢ" 20 6.6 8ˢ06ˢ - - +* 6.6+ - ˢ6+0*4. + - ˢ 6+4 1ˢ*1*ˢ 1"+ - ˢ 09*1ˢ 04ˢ06 . - ˢ5
: .61 + - ˢ 1 6+* 8ˢ - 50*40 06ˢ *03 0ˢ6. - 0*ˢ 0ˢ,1 - - +*0ˢ50 ,+"+ - ˢ5 1560 0.ˢ*09
"04+ + - ˢ4 / 6ˢ 04ˢ,+ .6+ + - ˢ+6ˢ150ˢ - 0" +8ˢ0 9.ˢ 0ˢ06ˢ5.6 . - ˢ.* - .61 + - ˢ, : + -
.4<+6+8ˢ20""ˢ*0,0 6 6.6 2+8ˢ +2:0* 06ˢ 1 - - 14+ - 3+0ˢ6+*,ˢ. , , 4 6ˢ+6ˢ +41: ,+8
E1*C.9.ˢ ˢ :0 * ˢ4+/ˢ15 - .8ˢ4 6 1*08ˢ0/6 .ˢ 09*+ - ˢ *ˢJ".*4 .ˢ*0,ˢ*1*ˢ . 1"+8
,ˢ .": * +8ˢ $ 0**.ˢ ""+ 6 ˢ . - " .ˢ0/ˢ2ˢ$"0+ - 1 8ˢ 1 +*4+8ˢ . : 6+ - ˢ5.6 - 1* + -
3+14ˢ *ˢ "" 8ˢ"1, 8ˢ51 " 402.*6ˢ9 .*4ˢ50,+* .ˢ4 :0*40 0*6ˢˢ 3+. - ˢ+60 3+0ˢ 09ˢ1
, 1 0ˢ,1 - - 14. : 6ˢ. , , ,56 8ˢ *ˢ D - 1 , .ˢ0/ˢ +*4 8ˢ 09 8ˢ5 9*1 8ˢ"1,1ˢ. - 5" 8
ˢ :04 9." 2+8

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& ' :04 9." 2+8 ' +"6.' 5 .06, 0.' ,1*6 .' *4+, .8 .' 09 8 .4.'< 3+. + - ' 5 .045++ - '
' ' , .5+6 0 .6 4, ' + 2 2+8 0,+ 6.6 8 "1,1' 6 .40*4 8 < 3+14' 06 .4 ,060 .' .2 "0* 1* 1'06
$ 160 6. *6 2+8 - 506 .*4.' ; . - ' 6 .:0 .6' :0 + - ' 4' *.9*.' 0/' 5. 60 09 *.' 0"+" 6'
. - ' *03+0 0C0 .' *' 1*4.0 ' - .*+8 ,1*" 9*.6.' 0 6 < 06# *91" - . - ' 1*50*"0 '
1'5 1 041 ' +6 + 20 - ' "0* 1* 1'6 .40 06 ' $7 " 55+8 &1"+ +8 + 0,+8 5 1: *, .0
5 .0 08 51 6.8 .50 0 0,+ .: 6 ' 0/,+ .*8 0 ' 3+14 ' ,+ - ' 12 40"0 - ' 09 ' ,1*6 .'50 '
4+0""0 8 *. : .6. * ' 150 . - ' - +"61 + - ' 14 .' *' 0 ,1*, 6. "06 ' *+"" + - ' 2 ' *91" - .' *'
$ 160 6. *6 + - ' - .*+8 6 .4 6. ' 6+6+ - ' 0,056+ - ' 6161' 09*1' : 40 06 ' 0 +41: 4, 0 '
0*9. ' E. 6 ' *+50 ' +606 .0 +2 09 8 1,+"18 50 4 1 0 *60 04 ' 0/0 - 5"1'60 0 '
$ 1 *40 "0* 1* + - ' 19.2.6 ' 06 . - ' .63+0 06 . - ' : 40 06 ' *0 06 5 0 "+/. - ' ""1 + - '
3+ ' ,+ - ' 5 1' *+*,' 0 "0*6 ' ." 3+. *41 40 - ' 0/50 06+ ' G+14 :0 1' 40 E. 6 1' + B
0,+8 .4402.6 ' 4 .4 *<+ . - ' "0*31* ' 50 6 *02.6 ' 3+ 550 ,+ - ' 01' *1*' * , 3 , .0408
5.6 .6.' , 040+ 06+ ' 08 .+60 - ' *' 7+*,' - 14+ - ' . , , 4 6

' E' (' %" + 8 ' 0".61' +5 .' 1 6+*. - ' .* - 1' 06 0"09. *6 ' * +50 ' *90* 1' 5 .04 6+8 '
.4 7.0,' .:1 0 09 8 06+8 ' 01' :0 .* .0 :0*0 .6 ' +6 5 *, 5 2+8 : 8 4 9*.6 1*0 ,'
.03+."0 - ' 5+6. 06 ' - +"618 5 .0 0 ,1*60 - *0 06 ' 5 1, . , 6.60 06 . - ' :0 21 + - ' 0 9.' *1 '
2 "08 .+".0 10 - *.8 ,1*6+ - 0" 1 +8 ' 3+. + - ' 5+41 0 - ' - 1 4. , 2+8 4 4 8 5.". - ' 06
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5 :.6.' *<+ .' 06 ." . + - ' 3+.8 ""0 6 40 - ' 1 J0*40 .6 ' 3+0 0" 8 *,0* .' +6 0 6 +"6 1 '
+ - ' 90+8 10 - *. + - ' .: 4+ - ' E+" 0" - + - ' 0 $ .60* 0 - ' & 60"" .*+ - ' 3+ ' *61 '
* + - ' ' "09 + - ' " ."4+ - ' .' 090 $1"1* .0 *' *1:+ - ' 09*+ - ' 5 1 04+ 1' 0/' 8 '
:0 * 8 . , , 6+ - ' .*60 2 0** + - ' *60 0,0 .6 ' " ,+6 ' +1' "1,1' 4 / - +8 ' 6+*,' 1 60 *'
+9+ 6 * 3*1 + - ' ,10*12 1' +606 .0 ".60*60 - ' *14+' ,1*:0* 6 ' 06 2".*4 6 8 71 - '
*0 - +*40*41 * - ,1 + - ' .*9+ *' . "+06+ - ' 06 0/' 0" , ' +, ,0 ") ' .4 , .040 8 0 0 . '
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"1*91' 60 - 51 0 *60 ,0 "%0 ' 3+1' - *+8 9 .6 .' 0 ' 0 06 ' : /3+0 *60 :0*6+ ' $1"1*1 - - '
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3+ ' *+*,' 0 6 ' 6 .4+,0 0 5 + - ' *1*' ,0". 0' 06 6.*3+. - ' 5 14 6 1* 2+8 * . - 0 - ' 060. '
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, .040 - ' 5.6 .6. - ' 50 ,+"%1 2+8 0,056+ - ' 1 0 ' 3+ ' - .9*' 20*0 , ' "1,1' . , ,056+ +8
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- +* ,0*6 " - ' 0 9.' 0 5 *, 5 8 " 20 ."6.60 .' 0/7.+ 0*8 ' &0 + - ' ,+ - ' - .6 1*. - '
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51 0' .4' 4' 418' , , . ' 0' 7.202.6 ' .040 8 ' E. 6 ' *9 04 6+ ' 06' 6+ 2.0' . - +"1 + - ' *'
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2. *6 ' - +6 0' *1* . + 8 ' 3+1 + - ' + * +8' *' , . - * + - ' 0' + + - ' 0<0, 0 .6 ' . " ' +2' 604 8'
".602. *6 ' 6. '0' , 1* 04. ' & 60) . * +8' , + - ' + 8' "1, 1' . *60' *16.61' 50 ' + *0 - ' 0' 6.6" - ' [illegible]
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.4' , 19 6.6 1*08' 5 *, 50' 4 9* . / ' 5 + - ' - 50 1 0' 0:1, . *60 - ' - , 6+02.6 ' 1 6+1'
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: 4 . - ' 05+" .0' - 1"" 06 ' "0* 17 + - ' 19. ; 6 ' 6' 3+ 40 - ' 1 - * *1' 2' *91" - . - ' .'
[illegible] 09' 0' 5 1 - . - ' *' 5160 6.60' 7.20 0' :0""06 ' 0<+8' , + 654 . - ' 40 ' + .0' 516 +8' 3+. - ' . "60 '
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J . *, , +8' 0' E . *9 +8' 1*6 * +8 3+ ' : . , + - 6+ 9+ - '60*02.6 ' - 50 1' 09 1' 5. '
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06' 7 19* . , + - ' *' 91" - 0* 6' .9 1' "0* 1* 1, 1*, 0 6 ' . *1: +8' . * + - ' A1. * * 8 '
' .60 , ""+8' 19* . , + - ' 0140 - 3+0' 60 - 51 0' + +8' - 21 +8' ' (. " - + . - ' 06' 7. '
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' G+' '+'N0' .4 8 ' "0*, 1* +8 ' +2 ']' + 0, + - ' 04 6 ' 09 * . ' * 6. *60 ' 3+.0' 01' 7 '
3+0' .4' 0+ - ' :0*0 .6 ' *4+, .8' . *60 - 0* 0 - ' 5.4.8' *' , . 6 8' / S. " ' A. * ' 5 1 - + "9. '
- . *4.6' ' 06' *60 - ' 6. - 0*' 1 - * . ' .4' 20""+ - ' 1 - 5. .6 ' *61* 1' ' ("" 1' +5 516 1'
56 +8' +50"" . - ' , + - ' " 60 8' 4+, . 8' - "2 ' 3+ ' 06', . + .8' , 1 . - ' 4 / 5", . 06 ' , + ' *' *B
4+, .8' , 1* 0* "06 ' *03+0' .47+, ' . + / " . 0 - ' E0 - . *1 + - ' 0 / 0 , 6+ - ' *' 09* + - ' * '
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3+0 *0 616 0840,056 0 .+" ,1 + - . 6 2+8 + +8 , ,+ - , 2 5.60 0*6+ 04 , .+6 +8
12".6 8 . 01 0 - 04 8 * 51 60 + - 2 ,1* +"0 0*6 47.0 < +50"". * ".+4.6. "0*
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* . *6 5 +40*6 . 06 09 09 . 0 9. 5 18 :1"+*6.60 +6 * 0. ,1* 6. *60 50 0:0 06 3+. *
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+ * 504.61 06 5. 8 5 0 +0 6 1, , . 56 0 *1* 3+. *6+ - :0" *6 06 4 9*+ - . , <+ 6+*
? 4+ , . *6 0/7. + 6 8 * 20""1 71, 5 : .61 + - . ,+"6.6 2+8 ,1* 0 0 51 *6 *60 - 0/
9+. - + - - . - +6 2 * ,1* +".6 1 . *6 * 6. *63+0 . 09 *. - 506 06 +6 . . *6
06 0*1*0 5 1/ - 8 + 2 "1, 8 5 .0 4 . 404+, . *6+ 3+ 550 716+ . 0+ ,1*6 *+ 8 0/
,+ 1* 2+8 0+ - 06+ 0 +6 : , * *4+, . + - 20*0 , 1 + *1* 51 *6 6. 71*1
,0 4 - +8 +5 516 +8 06 - " ,+ - 01 + 2 8 40"09.6 3+ 50,+* . - .4 "0* 1
* + - 40 0 0*6 3+18 50 . - . *60 ""0 0/ ,05618 ;0 2 8 20*0:1"0*6 .0 5"0* 8 1*0 .61
41 - + - 0 - 66 6< 2 0: 0 40"09.608 - " + - 51"" 46 8 3+ 40 *0916 8 .4 0 - 5+2"
, . - 50 6 *0*6 2+8 ,+ - 5 8 , .5 6. ,1* 0 . *6 " +0 0 A1. **08 . * +8 0""1: .
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1* 1 .+461 +0 .6 3+1 09 . - .+41 6.60 - ".20 .4. 06 ., + . - 0:070 06 +6 * 1 -
* 2+8 + 2 2+8 3+.0 , .+".0 ,1 - - +7 8 5 +8 .+"5 , 8 5. 608 03+0 0*6+ ." 3+0 -
*12 " 6.60 7.20 06 0 + - 3+.0 6 , .90 0*6+ * "5041 0 - 3+ 06 ,1*, " 8 1 - * 2+0
:0"+6 5 .00 06 06 0 - 50,+* . . - ,+ . 06 60 - +6 <+4 , .& +8 1 41 20"" 60 - 51
" 0 * 6 6+0 06+ +6 .550"".6 1*08 .2 * 0 1 2+8 <+4 , 2+8 .4 ,1*, " + - 50*08 "0*
1* - * 6 6+6+ - 40:1"+6.0 .2 01 40, 40 0*6+ 3+14 " 126 *0 06+ 71 - 1 : . *+
* "0*b5* ,1*, " 1 4+ - ." 0 1 40,0 6. 0*6 0 09*.6+ + - 50 .2.6 &0 + -
7.8 506 6 1*08 0 561 0 0/ ,+ . *60851 6 0 - 1 0<0,0 0 +50"". * ,+ - 4 ,0 0*6 *+"B
"+ - 0 " + . 5 .060 + 2 8 U .<1 0 - +*3+. - 5 .0 04+ - .4 - 660 0 ,1* +0; "0 *
013+0 1 - * . 0 0 <+ . + . . , " 20 6.608 ,1* 60 0 3+.8 *: 1".6.8 0 : .6+ + . 0 "0*
1* +8 0,050 6 3+14 .4 .550"".6 1*08 " 0 . - .<1 2+8 + 8 + + - 0 0 +6 , .0 .4 0*.
6+ * $. " 0* 0 - 40;1": . *6+ 06 2 0: ,+ - 5 .48 ,1* 6 6+0*4.0 508 6 *1* : 40 ,
,+ * 1 4 0 7.40*+8 0,0561 3+ ,3+. - **1: . 4020.6 J+", .+40 +8 3+ 0 +6.6
,1* " * 6 1 . +50"". * 8 .41 ,060 .8 + 208 0/0 - 5"1 01 + - 0 0/ ,+ .6+ .8 5 1:
40 06 ., 60 * 6.2.6 +6 *1* 0 561 .4 12".6.8 506 6 1*08 0 51*40 06+ 04 5 *
,1*, " 1 .+4 0*6+ 71, 0* - .4 "0* 1* ,+<+8 *15. *0 ;0* . *6 4 9* 6.60 - 50
6 *0 , 3+. - 74 9*0 7.2 6. - 9 .: 3+0 - 1* . * 6 6+6. , .+ .2.6+ 6.3+0 +6 71
- * 8 506+". *6 8 06 "0* 1* *1 - 07+2 3+0 *,". - . *6 8 .6 8 40 40 1 0 06 "" 0
* .6+8 .4 :4* 8 . *+ - 4.6+ < +2 .+4 6+8 ,+ - + 6 . * 1"0*60 8 506 6 1*08 *60 8
5 06.6 1*0 * 1"" 0 ,1*.6+8 0 06 *1* ." +4 6. - 0* .2 01 3+14 0 561 ,1 - 5 070*40
2.6+ 0"51* + - 6+" 6 ,1*" " 1 60 - 0 . 1 5. 60 0 +6.61 06 0<+8 .+41 0 40 "2A
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5 : 09 8ʿ + 8ʿ5 .0< +4 6 +5.ʿ *40ʿ 0 ʿ ,1*60*40 0*6ʿ6. *40 - ʿ .<1 8ʿ<+ <ʿ06ʿ.+ 61ʿ
".60ʿ *ʿ+ 2,ʿ5+2" , .6.0ʿ 6ʿA. *+. 1ʿ * 03+0*6 ʿ G+1ʿ 0140 - ʿ60 - 51 0ʿ 02+8ʿ +6ʿ
)2ʿ; 402.6+ ʿ0/ʿ:161ʿ5 1ʿ60 51 0ʿ,1* 51 6 8ʿ 09 * .ʿ 0" 6 8ʿ *ʿ "0* 1* ʿ,1 - 6.6+ʿ
1*50* 0 1ʿ06ʿ 1 - 1 .*6 1ʿ *ʿ.+". - ʿ 04 6ʿ / *40ʿ,+ - ʿ + J ,1ʿ "0* ,1* +8ʿ *ʿ
D 6+ 9.8ʿ 04 "%06ʿ + - 1ʿ 5. 9 6+ ʿ3+. ʿ5 ʿ06ʿ%71 .01ʿ:0*0*+ - ʿ5 15 * .6+ - ʿ ʿ
06ʿ3+14ʿ :0ʿ:0 + - ʿ :0ʿ. 6 , 1 0ʿ +6ʿ5 15 +8ʿ:0 1ʿ 6ʿ,1* 4+ - ʿ + 6ʿ,0 60ʿ0.ʿe0ʿ
60ʿ4 " 90*60ʿ.4ʿ +50"". *18ʿ06ʿ 1,40 .6.8ʿ+ 208ʿ50 , 5 6ʿ "0* ,1* +8ʿ06ʿ+6ʿ40ʿ ."+60ʿ
" 2ʿ . 1ʿ 0ʿ20*0 , 5ʿ,1* 0 : .6.ʿ9 .6 .8ʿ 0,+ . 01ʿ.90 0*6ʿ 19.: 6ʿ01ʿ1 , 1ʿ ʿ
,+6ʿ5 4, *6 1 08ʿ 0*6 02. *6ʿ 0, 06.0ʿ,+ - ʿ .6 0ʿ .+6ʿ5. 0*60ʿ,1* 0* 1* 8ʿ + 5 , 4ʿ
*0 - ʿ#ʿ5+ 9. 0ʿ51 0ʿ0/ 6 - . *8ʿ 6.ʿ+6ʿ1 - * ʿ4 40*6 .ʿ +2".6.ʿ. 4 1 0ʿ *ʿ51 60 + - ʿ
+ - ʿ 5 8ʿ:1"+ 66.6+ - ʿ06ʿ 6+4 1 + - ʿ: *,+"1ʿ,1* *90 06+

ʿ ʿ,ʿ. **+8ʿ 1 - .0ʿ - 0 - 1 .*4+8ʿ + 6ʿA+2 ".0ʿ,0"02 .6 4*, ʿ3+1ʿ,+ - ʿ0/ʿ1 - B
* 2+8ʿ1 2 8ʿ 7 6 . * ʿ5. 6 2+8ʿ3+.6*5"+ - ʿ 0" 9 1* 8ʿ. ,ʿ:161 + - ʿ , . + .ʿ5 1 , 6, ʿ
0*6+ ʿ06ʿ . 1"+8ʿJ 40 ,+8ʿ " : .0ʿ5 * ,058ʿ:0* 6ʿ ,+ - ʿ5.+"1ʿ.*60ʿ0/ʿ ./ - " . *ʿ
.0 . 8ʿ. :+*,+"ʿ.+". ʿ +2ʿ616+ - ʿ6 0** + - ʿ,1* + - 5 0 .6ʿ4 ,0 "06ʿ06ʿ5 71*1ʿ
,0ʿ.ʿE 091 1ʿR ʿ0/,056+8ʿ *ʿ&.6 , . *171 5 6 + - ʿ7 .2+ 6ʿ&0 + - ʿ - 1/ʿ7 40ʿ 0. ʿ
51" - ʿ: 0*4. + *ʿ. *6 3+ 6.6+ - ʿ,+5 4 6.60ʿ0/,+ 0*8ʿ ,1 - 60ʿ: .0ʿ (6057. *1ʿ$ 97 1
ʿ 7. + - ʿ 06+ *ʿ + - - 0ʿ50 61ʿ3+ ʿ06ʿ0<+8ʿ 60ʿ.63+0ʿ .401ʿ: 6. - ʿ5 4" /1ʿ150 0ʿ 0 ,+" 8ʿ
$ 14 , ʿ*1 - *0ʿ * , 561ʿ0/5" , . : 6ʿ ,+ - ʿ 1 - . - ʿ 04 "%06ʿ 02 0ʿ,1 056+8ʿ + 6 .ʿ
60*6.6 8ʿ.ʿ - 04 , 8ʿ 0 - 04 8ʿ56ʿ.2ʿ "0/. *4 .ʿ2ʿ$06 1* 1ʿ *ʿ5 - 8ʿ3+ ʿ.09 16. *6ʿ
%0 - 50ʿ.4 04 6ʿ 6. *40 - ʿ:ʿ 4ʿJ02 ʿ. * - . - ʿ 01ʿ 044 4 6ʿ ,+ - ʿ: /ʿ/ /ʿ. **18ʿ0/0ʿ
9"%06ʿ5 * ,058ʿ< . .ʿ *41"0ʿ06ʿ: 6+6 2+8ʿ3+.0ʿ2 5 8ʿ.0: ʿ,+ ,+"1ʿ,1*,"+ .0ʿ +4+8ʿ
6. *6.ʿ0/"504.6 1*0ʿ4 9*18ʿ*1*ʿ6+"0 + *6ʿF$1*6 0/ʿ 4ʿ.09 0ʿ.4 - 14+ - ʿ6+" "%0ʿ4 , 6+ ʿ
06ʿ" 60 .8ʿ,1* 1".6 1* 85"0* .8ʿ.4ʿh ""0" - + - ʿ5.660 *ʿ , 5 6ʿ3+.0ʿ ""ʿ50ʿE. 5. 0 - ʿ
E 1550 + - ʿ3+ ʿ 08ʿ51*6 , 8ʿ ʿ 2"1 - .0ʿ5 1ʿ60 - 51 0ʿ5 1,+ .2.6ʿ 044 6.0ʿ +*6
1"1 0 - ʿ06ʿ *40ʿ,1*,056+ - ʿ5+2" ,1ʿ - 10 1 040,". . : 6ʿ51*6 0/ʿ5 17 2 6. ʿ :012ʿ
. **ʿ . *4 0" 9 1*0 - ʿ :0ʿ12ʿ *15 * .6+ - ʿ5 * , 5 8ʿ12 6+ - ʿU . , , 7. * ." + - ʿ60 - +ʿ
"0*6.ʿ50ʿ ""18ʿ4 08ʿ.9 6. ʿ1" 61 + *ʿ". , : . ʿ J+*+8ʿ - 1 6+1ʿ + - - .ʿ - .9* ,0*6 .ʿ
.4+ .<ʿ06ʿ,5 5+8ʿ0/ʿ5.6 8ʿ:1"+*6.60ʿ *ʿ.040 ʿ . *0ʿ3+.0ʿ%0+61* ,1 + - ʿ4 , B
6+ ʿ0/ʿ.4:0 1 - 1 - 6*0*6ʿ *ʿ40/6 1ʿ5. 060ʿ .4 . *1ʿ: ʿ)"6 .<04 *1ʿ0 04 ʿ4051 ʿ
6+*ʿ0 6ʿ51 6 4 0ʿS. "ʿ . 6ʿ+2ʿ."69 1ʿ51 6ʿ. **1ʿ5. 0*8ʿh ""0" - +8ʿ - .9* ,0*6 " ʿ
- + - ʿ0 ʿ5606 1 8ʿ - . - 1 2+8ʿ 05+",7 + - ʿ * * 6 1ʿ,0"".0ʿ5. 060ʿ0/ 6 + ʿ, < . : 6ʿ 4ʿ
- 1 6+1ʿ "6+ 6 - .0ʿ . - " .0ʿ 508ʿ,+ - ʿ *ʿA 1. **0 - ʿ h ""0" - + - ʿ."60 - - ʿ 0/ʿ " 8ʿ
+50 1 0ʿ. **1ʿ9ʿ 4*. 60 0* 0 - ʿ05 ,15+ - ʿ0"04+ - ʿ 0,+ - 20 0 ʿ ""0ʿ4 9* 6.60 - ʿ0.ʿ
ʿ ,1*4 6 1*0ʿ 0<0 . : 6ʿ +6ʿ *ʿ *0 6+ - ʿ ʿ . 1. +9ʿ05 ,15+ - #J *90* 0 - ʿ,1*"22 ʿ
-) .ʿ ++ - ʿ,1* 0 606+ ʿ 04ʿ4 40*60ʿ . , 1 + - ʿ 24." + - ʿ,1""09 1ʿ06ʿ.4ʿ 0* ,+ - ʿ
(. /1*0 - . ,7 05 ,45+ * 0 - 0* 0 - ʿ - .<1 0ʿ01 + .ʿ5. 60ʿ *," * . *60ʿ51*6 0/ʿ.5+4ʿ
ʿ3+0 *ʿ6+*,ʿ *0 6+8ʿ0 .6ʿ +*ʿ - 506+ - ʿ 14." + - ʿ . *90 06ʿ06ʿ6, - 54 0ʿ - 1"" 6 8ʿ01ʿ
+ *. * - 8ʿ *0 61ʿ,+ ʿ9 .6 , . ʿ,+5 02.6ʿ0. *ʿ." 3+. *41ʿ4 9* 6.60 - ʿ,4*, " . 06 ʿ
0<0 .6 1 0 - ʿA1. ** 8ʿ h ""0" - 6. - ʿ5 37+*, . : 6ʿ 06ʿ 6.ʿ40,0** 5ʿ. - 5" +8ʿ51 6N.ʿ
A1. **08ʿh ""4 - +8ʿ 1* . 60 0* 0 - ʿ05 ,15.6+ - ʿ 06 *+ 6<ʿ6. *40 - ʿ *ʿ *0 6+ - ʿ ʿ
,+ ʿ5 +8ʿ06ʿ5176 , 8ʿ:16+ - ʿ0 . ʿ5 0* .6 8ʿ 14." + - ʿ + J .9 8ʿ6 . * ".6+ -

ʿ2 ʿ " ;0* 0 - ʿ5 * , 50 - ʿ - 0 - 1 . *4+8ʿ:0* 6ʿ 0* ,+8 1. *+8ʿ 01* ʿ
*ʿ - 1 , .ʿ5 * ,058ʿ42ʿ 5"0*41 0 - ʿ . - " .0ʿ3+.0ʿ ,+ - ʿ616ʿ 09 2+8ʿ. ,ʿ616 ,8
ʿ & ʿ ? ? l ʿ .4 * 6.60

ʿ % $?ʿLʿ+ ʿʿ4 /ʿ ? , ʿ ? F ?ʿʿ 6 ʿ ʿ! ʿ ʿ $ʿ
* $ʿ $ʿ ʿ&B ʿ Aʿ% 6 ʿ11ʿ /> ʿ ʿ ʿ& ʿ]ʿ . ʿ ʿ5 ʿ ʿ%

& ' .4 * 6.60'1" - ' ,1*6 6.',". . ' 06' *+50 .' " .2067. .2 06.*.A1.**.0' .:. .0' ,?
' # ' '9 *.0' 0* , '3+' *+*,' 0 6' 06' 09*+ -' J .*, .0' 60*06' 5. 0*6 8' . - 6. ' *' 1.*. -'
41 - + - ' 404+ 6. ' - 0 61' *60 ' ""+ 6 0 8' 0,0* 0 '40206' . - ' 0/' ' - .6 /*1* 1'
0* ,+8' 5 19*.6+8' 0 .6' 3+ 'A+* 1' - 0* 0'71,'0140 - ' .*6 ' . 676 6 40' 4 +' .*60' :0/. '
6+8' *' 0" * ' . ,0' 6+50*4 ' 150 8' . ,' 09 .' - . * ,0*6 .'0/ 6 + 6.' .6 ' ,1*,0 " 6' 0 '
" 6.'6.*6 '*1 - * 8'06'. - 5" " - . + - '51 "0 1*+ - '70 040' +* , .' " 1".'/ ' .**1 + - '
3+.0' 5.+"1' 51 6' 06' 5 .' 40,0 " 6' 06 0*.6+ - ' 5.6 ++ - ' 70 040 - ' 7.2+ 6' $ 160 6.* '
6 + - '5 - . + - ' , +,0 - '< 3+ ' - 1/' .67. *. - ' $. 670*.0. - ' A1.** 8' (+2 C.0' 61 '
6 08' - 0 - 1 .6' " . - '06' 70 040 - ' +/1 0 - '4+/ 6' *+56 8' + - - .' ".06 6 . '3+.*6+ - '50 '
, .". - 61 .'60 - 51 .' " ,02.6' D +50"".0' ,0"02 .6 8' 140 - '71,' .**1' 1 - .0' .4' 0+ - '
- 9 .: 6' / ;'S." ' 5 " ' ' - 61* +8 12.' . ."0*" 8 '12' 4. - '$7 " 20 61' - - .*+0" '
(.2.+4 . ' 4+, ' *.:.6. - '150 . - ' *' , .+ .' 1*6 8 0 .6' 5 *, 5. +8' 3+.' - 0*' . '
1" '&' .0 . 8' <+4 , 1' ,0, 4 6' 0<+ 40 - '$7 " 20 6' ,1 - - 0*4.6 1*0' *' ,1""09 + - ' , . '
, *." + - ' .*60' 40,0** + - ' ,1156.6+8' 3+ '5106 , .' 0" , 6.60' 06' 0"09.*60 ' , 20*4 ' . ,'
"13+0*4 ' . ,+"6.60' *60 ' ." .8' .* - '41608' *0,' *1*' . 46.' 3+.0' - 7 ' " ,06' .4 - 14+ - '
<+:0* ' ,+ - ' ""1 '4+ - ' 1 - .0' 0 0 - ' *60 ,0 6' 0,0 " 6+4 *0' - 0 + 6' +6' 0<+8' 70 ,'71 '
*1 , . - ' - 0*6 1*0 - ' . ,0 0 - +8' 0,'5 .060 '40206' 8' 0 *. 4 *+8' 16. ' *1*' 5"+8'
90*0 8' 3+. - ' *90* ' *12 " 6.6,' ""+ 6 8' 3+14' ""0' *' 5106 , .' .6 *.' 06' 6 + , .' *1*'
0/ 9+.' ,+ - ' ".+40' 0/0 ,+ 6< 06' ,+ - ' 616.' : 6.' " 60 .608' ,1"+ "06' 0/0+*6071,' .**1 '
0.51" ' +2 ' *.6+8' 0 .6' : 'S." 'A.* ' *1*' 6.' 0*0/' .6 8' ,1*,0 6 6' .<1 0' ,+ .' 4 '
,0*4 ' 6' .4' ." .'5 150 .*6 ' " ,0 06' 4+1' 7. ,' .06.60' - .670 - .6 , 8' 6+4 8' * 9*08' : '
J .*, 0+8' ' .+ 1";,+8' (; . ,+ .*+8' ? 0 .*.0' .22.8' 3+ ' 0 56 8' + 8' 5 .0,". .8'
7.8' . 608' 5"+ - + - ' ""+ 6 .: 6' 06' J 40 ,+8' ' 1 - - .*4 *+8' *12 " ' . - " .' ') 2 * '
*') - 2 .' *.6+8' 3+ ' .4' 0. 0 - ' ""+ 6 .*4.8' ,+ - '0/3+ 6. - ' +6 +"3+0' " *9+.0' 50 '
6 . - ' .66+" 06' - +"6.' E .0,1 + - '5 - +8' *' "+,0 - 5 16+" 6.3 *60 5 06.6+8' 0 6< 9 .B
6 .' 06' .:1 0' J .*, 0' . .0') 2 * '4+, 8' 0/,0""0*6 '7. + *' 0 0*6 . + - '3+14' *'
5 *, 5." ' . 6 9 1 . + - '0 6' ,19* 6 1*0' 5 .04 6' +2"0:.6+8< 3+ 2+8' *' 6+4 8' . " 4++8'
'4+ - ' *'$.55 ' "0/.*4 * ' *60 5 06.6 1*0 - ' .41 *.6' .**1' .06.6 8' ' : : 8' 0/0* 56+8'
0 6' *' 5.6 .' + 20' .4' 'J .*, 0' *' - 1*+ - 0*61' - .<1 + - ' ,1*4 6+8' 06' .2' *61* 1'
V'%1 1*.01' 1 .6 1*0' +*02 ' ".+4.6+8' U' 140 - ' 0 0' 60 - 51 0' 06' .667 .8' J". , , +8'
[' ""; ,+8' + - - +8' *60 '$ 160 6.*60 8' 51*6 , .0' .+41 6.6 8' 155+9*.61 '06' 12' 0.* '
40 - ' :070 - 0*6 . - ' $7 " 551' 0".*,7671* ' 5 .0,0561 ' 1" - ' +1' *1*' .6 8' .03++8'
51 6. ,0 2.8' 06' .05 +8' 0506 6.8' *60 ' +9+ 6.*.0' ,1* 0 1* 8 1, 18 ' ,1*60*6 1*08'
516 +8' ".21 2 +8' 3+. - ' 0* 1' ,1* 04+8' 6 8' ,1*,0 6 6' +*,' 0,+6+8' 0 6' 0* ,+8' '
" *90 +8' 1 0 - 59. 6' 0":06 1 + - '155 41' *.6+8' .**1' 7+<+8' .0,+" ' 3+. 61' 0":0 '
6 , .0' ,1* 0 " 1* 8' 51 6' =+ *9" + - '06' 0,1". - 5.4 + - ' + - - +8' 5 15+9*.61 '06' ""1'
- 1 6+1' .4' '% 9+ *.0' 0, ,"0 .0' ,+ . - ' :1, .6+8' 04' - 6 1 03+. - '4141 ' ++8' *9, '
* 1' 5 .04 6+8' *' 3+.' ,+ - ' " ' .**18' 0/09 "%06' :. 8' . ,' 5 150' * * 6 8' 56 8'
04 6 8' 6.*40 - ' 0* 1' 9 .: 8' 40,0 6 6 :' S." ' 4 ' .' A1 .' ' (- "0 1' % 9+ *1' : 1'
414 6 - 1 '3+ ' *1* 4+' 5" ' +50 : / 6' ".+4.6+8' 06' :. 8' :. 1 + - ' , . - * 2+8' 05 6. '
57 8' ,0"02 .6+8' J+ 6' 06' 7 0' .**+8' ," 66 .40 ,+8' 06' .6." .4 .*1' 'A * 1' 1 *.*1 '
. .' +6 + 3+0' " *9+.0' .*6 3+ 6.6 8' 06' 7+ - .* 1 + - ' " 60 . + - ' ,19* 6 1*0 ' 57 "1 1 '
57 .0' 5 .060 0.' . ,' - 04 , *.0' 6+4 8' 5 .0 6.*6 ' 3+14' ,1 - 5"+ .' - + "6 5" , 8414 *.0'
.2' 01' 0"+,+2 .6.' - 1*+ - 0*6.' .2+*40' 60 64*6+ ' 3+ ' ,+ - ' . ", - *' .6.: 8' + 8'
. 0 - ' 51 6 0 - 1' / "%06' 12 4 1*0' " .' .*60' 2 0** + - ' - 0 - 1 .2 " ' ,+ - ' . - " .

,/5+" 8

& ' ' ' ' '% ' V' B .' (' ' ' ' ' '4' X0 ' '0' (' 'G ' , ' (' ' '
' .' ']] ' ' /] /'
% $ ' - * ' % // " '" ' ' ' '> B 0' ' 4 ' 0'
' '+ # ' 2' ' " .' ' '% ' ' ' D ' 8% '" ' ' L# 0.(' + 0
+ ' '+ ' 2/ /' ' 0' * ' '" ' ' '+. 6
_'% ' 0' ' .' ' + ' & $' 'B ' 'B ' ' # I I' ll

,/5+" +8ˢ.4? - + 4. -ˢ<+/6.ˢ "402+69+ -ˢ *ˢ .66 ., 8ˢ 0ˢ ,1*6+"0 .6ˢ ') 2 < 6+ ˢ &
" ˢ " ˢ ˢ : " ˢ +.ˢ " ! # ! " ! # ˢ ˢ " #4 ˢ) ˢ @@@A
,10" ˢ *+6.6 1*0ˢ 3+14ˢ "" 8ˢ, . ""+8ˢ : ."06+4 *0 - ˢ 0<+8ˢ *1*ˢ - 04 1, 60ˢ. 6.: 6ˢ *
+50 6.04 1ˢ.,, . + - ˢ 0*.*ˢ06ˢ2 2" 1670, .0ˢ 7 6 +4 " - .0ˢ *ˢ5 - 8ˢ *ˢ . "0 - ˢ0/
5+9*.6 1*0ˢ 4 056.0ˢ 40 40 1 *"067."0 - - 1 2+* ˢ *, 4 6ˢ 06ˢ / : S."ˢG+ *6 "ˢ.*
- . -ˢ40ˢ 05+2" , .ˢ" 60 . .ˢ156 - 0ˢ - 0 6. - ˢ 01ˢ 044 4 6?ˢ "402+ 9ˢ,+ .*60ˢ$06 1
" 1ˢ71*1 ,0ˢ 05+"6+8ˢ A+* -ˢ5 .0,0 6ˢE+" 0" - +8ˢ .760 +8ˢ) "6 .<0 "ˢ * .
6.: 8ˢ5.6 6 .ˢ. - " .ˢ*.6+8 +6ˢ5.6 .ˢ" 0ˢ 6+4 1 +*"ˢ - " 6+4 *0ˢ,1*<+*4 "" - +(ˢ . -
5 - 8ˢ+6 + 3+0ˢ" *9+.0ˢ +4 - 0*6 8ˢ +2ˢA1.**0ˢ ˢ + .61ˢ156 - 1ˢ< :0*6+ 8ˢ5 .0,05
61 0ˢ +606 .0ˢ .4 8ˢ *4+ 6 .ˢ5 15 .ˢ6.*6+ -ˢ51 60.ˢ5 1 0, 6ˢ+6ˢ04 6 8ˢ3+. - 5"+ - 8
0 56 8ˢ *60ˢ0 +4 6) - 18ˢ +ˢ .0,+" ˢ *+ - 0 . ˢ - 0 +0 6ˢ< 5"+ .ˢ+6 3+0ˢ5 .0 6 6+ +8
* "ˢ0+ -ˢ0/ˢ 0 + - ˢ 0"9 , . + - ˢ * . + 61ˢ.+9+ 1ˢ - 10 1ˢ,1*,056+806ˢ0/ˢ - 10 1 0ˢ - 1 8
- - .6+ .ˢ0 5+ "06ˢ"ˢ*. -ˢ*1*4+ -ˢ/ / / ˢ .06.6 8ˢ.**+ -ˢ0/5"0:0 .6ˢ.**1ˢ7+<+8ˢ .0?
,+"ˢ/ ˢ ˢS."ˢG+ *6 "ˢ*.6+8ˢ06ˢ:ˢS." A+* .8ˢ71,ˢ.**1ˢ407.6+8?

&ˢ -ˢ ˢ ˢ ˢ ˢ ˢ4+ -ˢ 03+0*60ˢ50 09 *.*6 -ˢ,1*,+ +ˢ,+*4.ˢ 1 - .0ˢ50 6 0ˢ
50 0*6ˢ"1*90ˢ4 :0 ˢ 0 5+2" , .0ˢE0*+0* + -ˢ - 16+8ˢ0 .*6 ˢ5.070ˢ *60 6 * 8ˢ 4 " 4 8ˢ
71,ˢ.**1ˢ0:0 .0ˢ ˢ 3+1 + - ˢ1 9 *0 - ˢ. "6 +8ˢ 0506ˢ .4ˢ 0 - ˢ . ,0 0ˢ& 406+ ˢ *60, , 0ˢ
.7*18ˢ,+ -ˢ7 *,ˢ(5 *1". + -ˢ06ˢ ˢ + . +* ˢ *40ˢ ˢJ" 01 + -ˢ06ˢE - ."41 + - ˢ3+.0ˢ
5 *, 508ˢE0*+40ˢ . - " .0ˢ0 .*6< 14 8ˢ5 : .6 8ˢ.,ˢ - +"6.6 2+8ˢ, +40" 60ˢ06ˢ. : . 0ˢ6 / / ˢ
.* 5" +8ˢ.**1 + - ˢ 5.6 1ˢ". ,0 .6.ˢ + "0 065+2" , . ˢ .4ˢ0/6 0 - + - ˢ3+ˢ5.6 .8ˢ 908ˢ06ˢ
<+9+ -ˢ41 - 0 6 ,+ *ˢ 0 0ˢ *1*ˢ 5160 .*6ˢ .4ˢ ."0*.8ˢ 1508ˢ ,1*) 90 0ˢ 06ˢ 0/60 *1 + - ˢ
5 *, 5+ - 41 - *.6 1*0 -ˢ0/50 ˢ,1.4ˢ +*6 +2ˢ 0* ,ˢ: ˢ .0 . 8?ˢ 120 60ˢ ? *ˢ
4 *ˢ 09 8ˢ 0.51" 6.*0ˢ 40 *40ˢ6+2ˢ 09+ - ˢ * 661 + -ˢ0 6#& ,0,1 - 6+ - ˢ 04 1".*0* ˢ
+ -ˢ - 50 1ˢ50ˢ.**18ˢ,1 - 5"+ 08ˢ2.+4ˢ - 0" +8ˢ7.2 6ˢ6.*40 - ˢ(- 1* 8ˢ + , .* 9 6ˢ
: 6+60ˢ5 6 *. -ˢ" 20 6.60 - ˢ 0,+50 . +*6ˢ 8ˢ.**1ˢ?, , , , :ˢ, / ,+ "2ˢ & 0,1ˢ
- 6+ .ˢ<+91ˢ 0 - 5+2" , . -ˢ,1* 6 6+ 6ˢ06ˢ4+/ˢ, 0.6+8ˢ+6ˢ4 " 4 1 + -ˢ, . .8ˢ - 51 61ˢ
. - 2 6 1*ˢ5.6 , 1 + - ˢ .0*1ˢ5 .0, 40 06ˢ"090 -ˢ,1*4 4 6ˢ3+.ˢ*12 08 " ˢ:1, .2.*6+ ˢ
"" 3+ˢ *ˢ 05+2" , .ˢ.2ˢ.**1ˢ, 1,ˢ!*03+0ˢ0* -ˢ."6 +8ˢ 0 5+2" , .0ˢ +.0ˢ1 9 *0 - ˢ 050ˢ
6+*6ˢE0*+0* 08@ˢ71*1 2+8ˢ06ˢ - +*0 2+856 2" , 8ˢ5. 6 , 5. "0*6ˢ.ˢ5 *, 5.6+ˢ06ˢ,060 8ˢ
0 0ˢ - .9 6 .6 2+8ˢ. ,02.*6+ ?ˢ3+18 1" 8ˢ515+". 2+8ˢ90 0 0ˢ<+8ˢ0 06ˢ$1 +". 08ˢ.+60 - ˢ
ˢ4 ,02.*6+ ˢ3+ˢ6+*,ˢ74: ˢ71,ˢ0 6ˢ*1*4+ -ˢ - +*0 + -ˢ5+2" ,1 + -ˢ5. 6 , 508ˢ3+ˢ
0 *40ˢ 1 "ˢ 0 0ˢ + - - 18ˢ - .9 6 .6+8ˢ *ˢ 05+2" , .ˢ90 "0 +*6ˢ0/,"+" 8ˢ(5 *1" 8ˢ06ˢ + 8ˢ
3+ˢ6+*,ˢ0<04 8ˢE - ."4 8ˢ06ˢJ" 0 8ˢ 0 + - ˢ *ˢ5.6 .ˢ516 02.*6 ˢ. 6+ˢ6. - 0*ˢ ""1 + - ˢ
3+14ˢ<. -ˢ: ˢ.50 6.ˢ*1*ˢ.+402.*6ˢ6.*40 -ˢ0 04+ -ˢ0 6ˢ +6ˢ +2 6 8ˢ *60ˢ515+". 0 8ˢ
.4 * 2+8ˢ06 5 .0, 5+0ˢ *60ˢJ+"91 18ˢ06ˢ 41 * 18ˢ4+ -ˢ7ˢ.4ˢ7.8ˢ ""ˢ.4ˢ."60 .8ˢ
5. 608ˢ 0ˢ.55" , .*6ˢ,+*4. + +8ˢ *ˢ+ 20ˢ06ˢ, &"ˢ.4 - * 6 .6 1*0ˢ - 00 0*6+ ˢ5 *B
, 5.6+ˢ6. - 0*ˢ + - - 1ˢ 0 - 50ˢ50*08ˢ515+". 0 8ˢ - .*0*60ˢ<ˢ41*00ˢ 4. : .*+8ˢ ˢJ+"91ˢ
" +8ˢ: ˢ - .9*ˢ.* - ˢ 04ˢ - .<1 0ˢ0 9.ˢ5.6 . - 37. 6.60ˢ.ˢ .57.0"0ˢD$1* 1*150 ˢ
+. +8ˢ,+ -ˢ 0 + -ˢ516 06+ ˢ06ˢ40 41 * 8ˢ+"6 1*0 -ˢ + - 0 0ˢ51 06 . ,0 3+.0ˢ.ˢ*1 6 8ˢ
60*02.6+ ˢ 0,056.ˢ,+ -ˢ0. *ˢ.4ˢ5 : .6. -ˢ5160*6 . -ˢ - .*4. -ˢ 06 *0 0ˢ51 "06ˢ40ˢ
6 +4. * - , 6 .8ˢ 0 5+2" , .0ˢ,1*41*. : 6ˢ06ˢ/ ˢ: 18ˢ 0 5+2" , .0ˢ1 4 *.*4. ,ˢ, 0. : ˢ
3+ ˢ 15 6 8ˢ4 0* 1* 2+8ˢ06ˢ .4 5 8ˢ *12 " + -ˢ06ˢ515+". 7 -ˢ*1 - * 2+8ˢ0/6 *4 8?
,1*,1 4 . -

? /> % ,ˢ ˢ $,ˢ .ˢ ˢ/ 0 ˢ ˢ ˢ ˢ ˢ ˢ & ,ˢ ˢ U ˢ+ . ˢ ˢA* ˢ> .ˢ ˢ 2 ˢ 4 ˢ ˢ . ˢ

% ?ˢ(- 1ˢ +, , .* 90ˢ 4+/ˢ , 0.6+8ˢ +6ˢ ,15ˢ 1".*0* 8ˢ 0<+ 3+0ˢ *0516+ -ˢ< 9Tˢ 120 "06
ˢ ˢ, ˢ0/5+" 8ˢ& ,0,1 - 6 2+8ˢ J.+B + 28ˢ *1*ˢ.*60ˢ.**+ - ˢ +6 8ˢ ˢ, : 6.6ˢ
, 8ˢ3+ 40 -ˢ.*60ˢ.** 8ˢ 0 + -ˢ *ˢ+ 20ˢ. 2 60ˢ + 6ˢ *1*B 0 6 6+6+8ˢ + 6ˢ 06ˢ 6+*,ˢ 4+/ˢ, 0.6+8ˢ 0 - 5+2" , . - ˢ
4+ -ˢ6. - 0*ˢ& ,0,1 - 6 2+8ˢ 0 + -ˢ *ˢE0*+.ˢ516 6 8ˢ ˢ 0/,"+ 8 12 " 2+8ˢ 71*1 2+ +0ˢ 6 - - 8ˢ515+". 2+8ˢ
04ˢ51 60.ˢ0/+"ˢ4+ -ˢA1.** 8ˢ& ,0,1 . 6 8ˢ.6,7 05 1" 8.44 4 8 ,16 6+ 6ˢ 090ˢ0 91ˢ, 1, , , 6 ˢ 8

J

FF 6 & ,1*,1 4 . - *60 , :0 8 6 + * 1*0 - 0 6 6+0 076 &0 + * ,+ - 41 * - +8 0<04 8
. & ") E."" 8 + - * . - 0 + 6 .4 0 6 ./ 0*6 6. - . *4+ - . ,". +4 .2 "0 J+"91+ 5 151 6+ -
+, ,0 . , . 6 3+. *3+. - +9+ 6 *+8 #J1" 06. 1 - *0 - 15, . - 4 .60 ,6 . - 4 0 B
- 0*6 8 ? . +41 6 .60 *60 51 6. + 41 * - +"6 .6 2*8 4051 6 8 5 1,040*6 . *
0" , 60 .0 - +"1* - E1* " . 50 03+0 0 6+ 06 71, 40,+8 3+14 "" 8 1 - *. 6: 40r
.6 0<+ 40 * 1 6+*.4 20*0 , 1 ++ - . ,0 0*6 %. *40 - *4 0 .8 + . ,+ - . " 0*1
- . / - 0 60 - 51 0 5. 608 *1 " .8 40 0 - "06 06 71, 150 .0 5 06 + - . . 1"1 : . ,?
. 0 126 *+ 06 +6 5.6 .0 " 20 6.8 0 6 6+0 06+ ; 5., 8 * , : 6.6, ,1* 6 6+0*4.0 <.4 8
.2 4. : . *1 +*4. - 0*6 8 +50 6 +0 0 :1"+ 6 06 *1:. - 0 5+2" , . , 1 - . - . **1
7+<+8 .0,+" / / : * 6 6+ 6 3+. *12 "08 06 515+". 608 . 21" 6 8 .4 1*+* *1 - * 2+8
* +*+ - :0"+6 ,1 5+8 ,1* <+*90 0*6+ 06 +* 3+0 + - - 8 71*1 2 8 . 3+ 2+8 *12 "08
3+ . *60. 4 ,02.76+ 50 ? / , 0/ ,"+ +0 . *6 .03+.2 " <+ 05. 6 , 5. , *6 . . +6, .
.6 1 * 6. 0 6 +6 0,0* 6 8 1 - * 2+8 . - " 8 0/ ,056. : " 5"020 0/ 6161 ""1 *+ - 0 1
. - 5) 1 08 0" 90 0 6+ 3+.0 0/ 4 - 18 :0 . " .8 . - " .8 0/ 0 5 1 04.8 04 4 6 *4.8
6. *3+. - 5 15.9 *08 . 0 404+4.8 7.20 0*6 * 3+.8 0" 3+.0 1 - *08 3+.0 .4 - *1
0 - *+ - 06+*8 604.4.0 0 . *6 :0"+6 .4156 1*0 . "+ - 56 8 ,1 - - *1 - * 2+8 * 0 0?
0*6+ 0* + 4 " 90*60 7.2 61; 7+<+ - 14 ,1*4 6 1* 8 6. * - - / / : . - " .0 ,
50 6.0 A06 0/ 8 / / "" 0/ *12 " + - 1 4 *0 : 6. *6+ - 0/ 515+". , .0 +0 + *6 2<+ 6
" . *01 - 6 + 7. 1 + - .7016+ - (. +" 1 + - 06 $ 1 - 1*61 1 + - J+"91 8
06 41 * 8 12 , 02 .8 2 * : ,0 - , ". 408 * " 4.8 , / " . . 5 1 0 56 1*08 .4 -
*1 0 . *+ - 0 + - 04.4 8 3+. - +6 506 0. * "090 - . - " .8 * + 20 ,1* 6 6+0 , 51 ?
0*6 %+66 +6 4 " 4 + - 3+.0 50 R4 1 . " . *12 " + - 06 515+". + - *1 - * .6
0*1:.2. *6+ - 0 - 1 . 050" 06+ 40" 20 .6+ - 3+1 *1 - *0 +* :0 6. :0"+6 *
+*+ - 41 5) 8,166<+*4 40 *,058.550"". 0*6+ 06 3+ 2+ 4. - 5". ,02.6 +6 14 1 + -
*12) + - *1 - 0*6@6** *1 .21"0 06+ *1:1 3+14 +6 3+0 ,1 - - +*0 0 06 5+ . 15
- .6+ - . +6 0 5+2" , .0,1* " . 1 - - * 0<+8 "1,+ - +2 6 6+61 (04 6. *40 - 51 6
"1*9.8 06 . ,0 2.8 ,1*60*6 1708 126 *+ 6 +6 *12 " + - *1 - 0* 3+14 06 4 9* +8 06 71
*0 6 +80 %06 3+143+0 . " .0 0 0 0 5+2" , .0 + + 5. 0*6 06 *0 06 3+14 ,+ - +* 3+0
1 4 * <. - ,1* + 1 ,1 * - +* , . 06+ 7:"4 . 06 14 1 3+14 1 4 *+ - 4 6 *4 1 1" -
5050 0 .6 *51 60 + - , . R+ - 0 "06 71*1 2+8.04 9* 6.6 2+8 3+ 5 +8** 1
4 * .66 2+6 0 . *6 <. - ,+ - 6613+0 ,1 - - +* 2+8 G+14 5 - 40*6 . *0 06 . ,3+
6.6 8 5"0" 1 ,1* " 1 .2 + . .4+ - 3+ ,+ - 1 4 * +1 * 3+1 + . , 5 *, 5. -
"1,+ - 0 - 50 60*+0 . *6 5 6 *58 71*1 08 06 . *6 3+. - 4 9* 6.60 - 0 6 6+ ,+50 06
.0,"+.7 "0 0 <+8 * 0 +18 ,1*, :0 8 4 ,0 0 ,/ 6 - . : 6 * 0 6 8 515+". + - 3+.0
4 ,02.76+ * *12 " + - 41 - 18 . - " 8 06 +2". 6. " . * : 4 1 . *1 - *+ - 4 0 0*B
6 . 5 *, 5.6+ * + 2 8 06 ,060 18 - .9 6 .6+8 .4 3+18 1 515+". 608 . 60 - 51 0 +, , .
* 9 0 0 .4 - 6602. *6+ +6 3+0 40 *,058 ,1 - - +*0 8 . ,0 06? (, 0* - 50 .2.6
1 0 +6 . 6. * 5 .0 0*8 156 - 0 +6 02.6+ 50 ,1* + 1*0 - "". - 1*,1 4 . 6 .4+
60 - 51 8 6+4 . 3+13+0 . , :1"+*6.608 ,1. "0 10 0*6 (04 ,1*6 . . , , 4 6 . - *12 "08
3+ 0 " . 0 . - 1 4 *. 6 1*0 * . *6 3+. - 4 9* 6.60 - 0 6 6+618 : 40 0*6 5 6 * 8 . *
- 8 0 + - 56 8 ,+ - 515+". 2+8 3+. - : 8 * +.8 . - " .8 .4156.6 8 *1* 01 3+1 5. ,
+ 6 . * - , . *41 0 . , 40 +6 5", 3+0 : + *6 L * . - 703+0 5 1560 0.018 .4 * 6.
6 2+8 *60 0 ,1*6 .4 8 . +6 ,1* " 1 + - 40 05+2" , . ,1 - - +* , . 6 1*0 4 9* .6 " *68
04 3+. *6+ - : 8 +* 3+0 *1 - *0 * 50, 0 - ,1* +74 : 40 0*6+ . "60 6. - 0. .2."
60 8 0 - 50 05. .6.8 .6 1*08 7.2+0 +*6 ,3+0 *12 "08 " 5 - . 08 +.8 * ?
6+0 +*6 +6 ,+ - 5 . - " . + - . "60 , .5 6+ - *+ - 0 1 : *00 0*6 * .4 5 00*4 8
6. - 0* 71*1 2+8 7 8 ") +6 +50 2 08 0 0*6 . +6 018 2 - 50 .03+. 0*6 3+14 *
L 6. *61
% $ [; ##4 $ 24 1" ! # (! (!# / 2 (" !# (2 - ! $
% 6 . **18 %16 0* - . , 1, , , : 0 - 1, .6 .0 ,1*6)+6.0 . **1 .4
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') ' # ' 0 ' 6 H 2

' R '('* * ' '* ' ' . # ' ' " ?!

+* ,' * 3++ - ' : 402.6+ ' %. - 0* ' 3+. - 4 +'# + .' *' : : 8' + 6' 71,' 0<+8' - 0 6 8 ,+8'
06'.+45 6.6 '3+. - : 8'0/6 0 - .' .06.60' 12' 40, 05 6+ - ' 0* 3 - ' : "0 00*6 ' 4.6+ .' + 6
+6'515+".608'3+ 0 00 0*6' %.*6+ - ' .**1' '51 6',1*<+ .6 1*0 - ' J" 01 + - ' 4 "
5.6. '0/' 0/',+<+8'*+6+'616.' 0 5+2" , .'6+*,'60 - 51 8'50*402.6',1* " 1', 0.6
1 61: ' 0 5+7" , .0'1 4 *.*4.3' 6: '0/' *6 3+ 8 '< '0/' 1: 8<. - '0* - ' " .'*1:.
'"1G+ - ' 712 " +.' 06'515+".4+ - ' * : ." 0 .6' 50 " - 1 ' +6'51 60.' .55. + 6' 0/0 - 5"1 ' L
" ' "090 - ' *' *6 3+1 + - ' 9 .6 . - ' ,1*4 ,"0 +*6' 3+.' ,1*, " + - ' - .<+8' *' 3+14' , , , ,
3+16. ** 8'0/' 1 - * ' *+ - 0 1' 1 60'A0902.*6+ ' .4' , , ,' 04 902.6+ '<' 3+ 2+8' ,' + .9 1
,"0 6' .4<+*90 0*6+ ' / /' 0/' 5 - . 8', : 2+8'40"0 '< : ' : 40" ,06' 3+ ' (' E01 9"
- .9 6 .6+ - ' : '3+ ' - .9 6 .6+ - ' 0/6 .1 4 *. + - ' ,1* 6 6++*6' 06' :' ;*4 , ' 44
6+ - ' 51 6 0 - 1' *' .:5 0 - ' 60 - ' *6 3+1 + - ' +6'0' "" ' + .9 1'"0 6' / / : * ' ; 18' 0
6. *0*'+6'4+.8'60 6 .8' :161 + - ' 5. 608' : *,0 0'15+8'0 "06' 0" 90 0*6' 3+ ' 5 +8' .' :' 1 60
"0 6 8'*1 - *.2.*6+ ' $1 1' *' ""1 + - ' / / : '5160 6.60'0 .6' +,0 - ' 06' ,060 18' - .
9 ^.6+8'0" 90 0' G+.0'3+.*3+. - ' * *6 3+1 + - ' 9 .6 . - \' 0 0*6' 1: '6. - 0*' 5.
6 0*60 ' +6,+*3+0'50 6+"0 0 ' + 3+0' .4' .**+ - ' ' 3+1'A. ,12+8' . .41*.' 12' 05+"
. - ' *' ." ,+<+8' - +*0 8'506 6 1*0' 6.6+8 - +"61 + - ' .**1 + - ' *60 - .8 1:1 + 7
3+0 - 1* .8' 0*1: .: 6' ' 06'<. - ' 5.". - ' 41 - ' 06' *' , ,<" 8' 40' 05+2" , .' *' - 0" 1 0 66
6.6+ - ' 04+,0*4.' ,1* " .' 7.20 0' ,105 6' ., ,0* 8'5. 6 + - ' +6 *3+0' 6+4 8' ' 3+ 2+8' .,
,0" 6'06' 0,0*8' *<+ .' .<. *161' ' 1 - 0"" *1' E0*+.0'5 *, 50' .667.01'U'(0*. 09.0
- +"6.' 4146 *.' 06'5 +40*6 .' *60 ' +18' ,". 1' . 6.' ' 3+.' 0+ - ' 70 04 6. + - ' 0, 06.
,0 5+2" , .0' - +*+8' . - .<1 2+8' + 851 "0 %+ - ' 0<0 . 0' ,1 - 5+" 6' 3+14' 5+2" , .8' " 60 .8
,1*6 .' 5 *, 5 8' ,1* 0* + - ' 06' ."60 +8'0/' 9+20 *.61 2+8' 52" 9*. 0' .,' 0 9*. 0'<+8
2' 0 "001*60*40 06' 0 *40' 06' ." .' *, 40 +76' 3+.0' . ,0 2.6 8' 0 - 0" .* - 8' 5.0*0
0/ 6 .2 "0 8' *' + 20' - 16+8'0/, . +*6' . - ' $."". : , * ' 12' 5 ;. 8' , .+ . .' 0*.6+
506 , +*6<)6' ' 16+)' *1*' 0/' .*6 3+.' $."". : , *1 - - ' . - " .' 90*+8'4+, , 0' 04' *' 0. *
50 ' "090 - ' * 0 6' + 0' 40,". . 0*6+ ' ' 00 1 - 0"" * ' 51 60.' ." 0* ' .0 8' 1*+8' , .+ .6
6 40 - ' .' 0*.6+' 506 0 +*6' +6'90*6 " 6 .' . - " .0' +.0' 0 08' 0/' 5+2" , 8' * 6 + - 0*6 8' 40
0 56.' *. 6.' 0 0 06+ '06' .4'0. *' .99 09.6' .**1' / / : '4 6 *9+0 0*6+ ' *0' ,1* +
1*0' " .' 02+8'41 - 0 6 48' 5 .0<+4 , +*' 0 0 ' 3+14' 6. - 0*' .' 0*.6+' 126 *0 ' *1*
516+ 6' .0,' 1 - 0"" *1' 5 *, 50' . 6.' ' *' ,+<+8' "1, + - ' 5 .060 ' 1 4 *0 - ' .' 0*.6+
32 6 6+6+8'A. ,12+8' 8E - ."4+8' + .4+8' 3+ ' 3+1' - .<1 0' - 140 .6 1*0' 0 - 5+2"
, .*' .4 - * 6 .; 6' 01' 08' 3+ 06 1 08' +0 ,' 6161' - .9 6 .6+8' "" +8' 60 - 51 0' - 1' .'
$7 "<551' *60 - ' A1.**0' 4 . ,1' 3+ ' :1, .61' (.*4 1' ' $.4 " .' 08' $7 " 55 ' E0*+.0'
5 1E+ .*60' ,+ - ' +6 .3+0' 5. 60' .90 06' 06' 4 " 4 1 + - ' 0 - *.' <. - ' *' .50 . - ' 50 * '
40 - ' 0 + - 50*6 .' . - ,0' *60 ' ' 018' ,1 - 5 *0 06' (04' +21 6 8' + +8' + <5 , 1* 2+8'
3+. "71 - *08'0/60 * ' ,+ - '. - 8' .2' *6 3+ 8' 3+ ' *+ - 0 1' - 5. ,8'0 .*6' ,1*6 .' 1 '
&G8 *6 14+4' 0 0*6' + +8' 6+ - +"6+. ' ,105 6' 06' ,+ - ' *6 3+ ' 40"09.648' , 0. "0*6
0 61 0 - ' J" 0+ - ' J .*, 0+ - ' (5 *1". - ' .56 6. - ' E - ."4+ - ' (6057.*+ - ' .'
+ - ' E01 9 + - ' + . - ' 06' ."67. . 0 - ' 1 - 0"" *+ - ' 1: ' *' . 671"1* .0' ' (.+" '
.04 2+8' ,1*9 09.6' 616 40 - ' 0' +1' *+ - 0 1' 40"09.618' , 0. *6' A. - 3+0' 08' .4' .50 6. - '
A04 6 1*0 - 504.2.6' ,+ - ' 6.20 8' ,".+" 8' 5 06 1 . - ' 3+ 3+0' +50 04 "0 - ' *6+6+ - '
. 51 6. 4' 06' 3+. - : 8' - .9 6 .6+' 5 17 20*60' ,+*4 ' 7+0' ""+,' 4 0+ . 0*6' 1 - * .'
40* 3+0' X*' + 20' + 3+0' 403+0' 0 02.*6+ ' ,+ - ' :' 0/' 1 4 *0' 515+". ' .' 5"020' 40"09.6'
' 0.6+ - ' :0*0 +*6' ' 3+ ' ,1 - 51 6.' 1 .6 1*0' 04' .+4. , .0' 5"0*.' 506 0 +*6' +6' , , ,'
, /' 5"020' 3+ ' 1*0 2+8' .,' 6 2+6 8' 0 5+2) , .0' 9 .: .2.*6+ ' .4' 71*4 085. 60 ' 06' - .B
9 6 .6+8'0+ - ' ,060 8', : 2+8' .4 - 660 0*6+ '06 3+14' "" 8' *60 - ".' 6. - ' 4 +' 5 .0 0 56.

% $ ' D ! ' ' . ' ' ' ! 6' '% ' 5 N) ' ' ' , $
0+ ' D * ' " ' JW, ## ' & A ' Y ' 4 +R '
/+

4 ?‡ʿ #ʿ* E ʿ ʿ " ʿ # ʿ % *ʿ$*ʿ" ʿ$ʿ 0!

) ʿ"ʿ 44 6.0ʿ.4ʿ.,0 2.ʿ:0 2.ʿ06 .-ʿ-<*.0ʿ+6ʿ ʿ4ʿ 0*.6+8ʿ50ʿ0ʿ*1*ʿ55%, ʿ4ʿ50ʿ,,,ʿ
Vʿ ,1*," *ʿ 0 ʿ5.60 06+ ʿ G+14ʿ4+ +-ʿ06ʿ * 1"0*8ʿ*1*ʿ 1"+-ʿ *6 3+ 8ʿ04ʿ06 .-ʿ
(1: 8ʿ: +-<3+ʿ0.ʿ .6 $*0ʿ71 * 2+8ʿ0/ʿ5"02 8ʿ .0,0ʿ; .-ʿ.4ʿ71*1 08ʿ-.9*1ʿ 0 ʿ
5+2",.0ʿ4 50*4 1ʿ06ʿ1-* +-ʿ1 4 *+- ,1* + 1*0ʿ.50 ʿ*4 9*.2.* + ʿ .-0*ʿ
,1*6 .ʿ*, 6.6.-ʿ5"020- 15+8ʿ4 -+".6 1*0ʿ +6ʿ*0ʿ ʿ5 1ʿ .0 61ʿ60-, 6.8ʿ40"09.
L61 +-ʿ5"040 06+ ʿ -.<+8ʿ0/ʿ# ʿ50 ,+"+-ʿ 0 5+2",.0, 0. 06+ ʿ -5+*6.ʿ6.6*0*6ʿ
""1 -ʿ.+4.,.ʿ 0, 6ʿ+6ʿ*1*ʿ<.-ʿ4+.0ʿ ,+6ʿ.2ʿ *6 1ʿ 04ʿ:0"+6ʿ +2 1 6 6 1*0ʿ
3+.4.-ʿ 0 *40760ʿ 0ʿ515.". ʿ1 4 *0ʿ6 08ʿ .4 1*08ʿ0/ʿ ""1ʿ0/1 6.0ʿ *6ʿ<.-ʿ5.".-ʿ
6 3+ 8ʿ.4ʿ?(ʿ +,.0ʿ51 6 ,+-< 1: 8ʿ.4ʿ ʿ$06 ʿ5"020 8ʿ40 3+0ʿ"1,1ʿ40 6 *.61ʿ
,1*:0* 0*6 2+8ʿ .0,ʿ * 6 .ʿ +0 0ʿ 04 6 1* 8ʿ"1*90ʿ50 * , 1 " -.0ʿ3+.0ʿ 0-5+2ʿ
",.-ʿ5.0*0ʿ71,ʿ.**1ʿ0:0 6 6ʿ .-ʿ,+-ʿ 1: ʿ+ 90 0*6ʿ+6ʿ164 *.6 1ʿ 0 5+2",.0ʿ
+"6 -.ʿ.**ʿ ʿ.21R 06+ ʿ06ʿ5 1ʿ.**ʿ//: ʿ*ʿ++-ʿ 0:40. 06+ ʿ5"028ʿ3+.0ʿ
60 6 .-ʿ .4 1*0-ʿ,1* 6 6+02.6ʿ: , " -ʿ50602.6ʿ+6ʿ<+/6.ʿ5 1 0-ʿ"090-ʿ: ʿ3+16.* ʿL
* 8ʿ *ʿ1 4 *0-ʿ*12 " + .ʿ0/ʿ5 020ʿ+ 2.*.ʿ,1156. 0*6ʿ0/ʿ ʿ0/ʿ 9+ 6 ,1ʿ" 61 Eʿ3+54ʿ
*1*ʿ6. *ʿ "" 8ʿ.2ʿ *6 3) 8ʿ*09.6+-ʿ3+ 550ʿ3+ʿ "" 8ʿ .6 8 0 ʿ4020 0ʿ" :0ʿ.03++-ʿ" :0ʿ
*0,0 ". +-ʿ+650 ,+"1ʿ0/ʿ 04 6 1*0ʿ -50*40*60ʿ5 .0:0 60 06+ ʿ0/ 6 -. 0*6ʿ3+.-ʿ
*6 3+ 8ʿ,+-ʿ 1: 8ʿ *ʿ 0ʿ0/03+0*4.0ʿ .6 1*0ʿ4 40*6 2+8ʿ4 ".6+ - 3+14ʿ,+-ʿ
5"028ʿ.4ʿ0"+40*4.-ʿ<+ 6.-ʿ506 6 1*0-ʿ +.-ʿ 0 ʿ *60 5 06. 06+ ʿ0/ʿ01ʿ-.9 8ʿ0/.05 ʿ
2.6.ʿ0 6ʿ50ʿ+ 20-ʿ" ,0*6 1 0ʿ,+-ʿ. - 8ʿ4 0+ 0*8ʿ06ʿ" 20 6.60-ʿ*,".-.*8ʿ ʿ3+ʿ
1 60ʿ0/ʿ5 -1 2+8ʿ.4ʿ4+",0ʿ" 20 6.6 8ʿ*1-0*ʿ5 :.6.-ʿ.-2 1*0-ʿ,1* 1, . 06ʿ06ʿ
0ʿ4+,0-ʿ *,0* .0ʿ5"02ʿ5 .020 06ʿ 6.3+0ʿ ;5 .*ʿ$."". , *ʿ, : 6.6 8ʿ. ,7 05 015 ʿ
06ʿ$7 " 55ʿ1 .61 +-ʿ ʿ *61* ʿ + .0ʿ . 04ʿ 0" .0ʿ5 *, 5 8ʿ06ʿA1ʿ *4 0.0ʿ
+ .0ʿ *60 :0*6+ʿ04 4+-ʿ5 151" 6+-ʿ0 6ʿ3+1ʿ5 .0" 4 +-ʿ+ 2 8ʿ.+90 ʿ-.*4.2.6+ ʿ
0/60 * ʿ3+ʿ.4ʿ6+3 +"6+8ʿ .-.-ʿ+*4 3+0ʿ.4:1".:0 .*6ʿ+ 20ʿ .,0 0 0ʿ<+202.*6+ ʿ.4#
4 6 <+6ʿ 51 64+.8ʿ*14 871 .8-0-1ʿ,+-ʿ. - 8ʿ50ʿ+ 20-ʿ *,040 0ʿ.+40 06ʿ3+14ʿ
"1,+-ʿ7.20 06ʿ + 3+0ʿ .4ʿ -04 .-ʿG+.4 .90 -.-ʿ< *6 .ʿ3+14ʿ60-5+8ʿ40"09. ʿ.2ʿ
+6 .3+0ʿ5. 60ʿ,1*:0* 0*6 ʿ06ʿ40ʿ 05+2",.ʿ,.5 6.ʿ,1* 0 0*6ʿ &0 +-ʿ4ʿ0/ 9+1ʿ5 1ʿ
04+ʿ60*6.6+-ʿ .-ʿ,+*+ʿ+6 3+0ʿ5. ʿ*+-0 1ʿ40"09.6ʿ *60ʿ 0ʿ4 40 0*6ʿ!." ʿ
3+ 550ʿ1 4 *.6 1*0-ʿ.**ʿ//: - ʿ."ʿ ʿ-1 4 ,+8ʿ 06 *0*4.-ʿ,0* 02.*6@ 6.*B
40-ʿ *6 3+ʿ0 56+-ʿ04+ 6ʿ: "ʿ 4ʿ . 6ʿ +- -1ʿ60-50 .-0*61ʿ'#3+1ʿ405"1 .61ʿ
0 5+2",.0ʿ *60ʿ 0ʿ4 40*6 8ʿ 6.6+ʿ3+.*41ʿ 5 ʿ, :08ʿ 2ʿ50ʿ"0ʿ,1* +"0 0ʿ*1*51 ʿ
+*6ʿ0ʿ 0ʿ,1- -+*ʿ,0* 0*6ʿ.*603+.-ʿ.* - ʿ -.9 8ʿ *ʿ-+6+.-ʿ50 * , 0-ʿ0/. ,0 ʿ
20*6+ +6ʿ. 2 60ʿ.2ʿ+6 .3+0ʿ5. 60ʿ0" 9.6+ ʿ0.ʿ5 12 6.6(ʿ.+41 6.60ʿ065160*6 . ,+<+8ʿ
<+4 , 1ʿ+6 3+0ʿ ". 0ʿ60*0.*6+ ʿ 4ʿ3+14ʿ 0 56+-ʿ 1:ʿ." 1ʿ!, 561ʿ 0 51 40*6<
3+1ʿ*16.6.ʿ +2 *40ʿ.4:0 . 1 +-ʿ.-2 6 170ʿ3+ʿ,,,ʿ.+6ʿ<+4 , +-ʿ.+6ʿ+6 " 6. 0-ʿ
5 :.6.-ʿ,1*6 .ʿ+* :0 .0ʿ, : 6.6 8ʿ ""1 +-ʿ"090-ʿ4.-*.*6 8ʿ06ʿ5 1 0-ʿ12 0 :. ʿ50ʿ
60*6 8ʿ 0*60*6 .-ʿ.,ʿ,1- -14+ .ʿ5 .0:."0 4020 0ʿ,1*60*402.*6ʿ*1*ʿ."+-ʿ<+4 ʿ
,0-40" 9ʿ51 "0ʿ. +*6 3+. .ʿ.+< -.9*+-ʿ,1*0 " +-ʿ$.".6 *+ 1ʿ.+6ʿ+* :0 .0ʿ, : 6.6 8ʿ
,1*:0*6+-ʿ50*08ʿ3+0 ʿ6+ 2.6 8ʿ60-51 2+8ʿ +- -.ʿ 0 +-ʿ 0-50ʿ + 6ʿ *40ʿ 08ʿ
*1*ʿ:0 2 8ʿ.+6ʿ0 56 8ʿ.9ʿ,105 6ʿ .-ʿ +-ʿA1ʿ *4 0.8ʿ.2ʿ *6 3+ 8ʿ 19.6+8ʿ+6ʿ,.+ .,
L,1- *+6 8ʿ5.6 1, * +-ʿ + 0 50 06ʿ06ʿ.+41 6.60ʿ +.ʿ0 9.ʿ5"020-ʿ0 ,0 06ʿ+6ʿ*0+6 ʿ
5. 6ʿ150 .-ʿ +.-ʿ.44 ,0 06ʿ ""0ʿ -141ʿ,1* +"08ʿ. 6 ,+-ʿ -141ʿ 0 ,ʿ5.** 60/ʿ
61 08ʿ5 0* .*8ʿ06ʿ *9+"18ʿ20* 9*0ʿ.550).*(ʿ.ʿ 04 6 1*0ʿ4071 6.6+ ʿ*1*,7. 6.60ʿ
5.6 .0ʿ.+6ʿ5 1 +- 0:.-0*61ʿ7.0,ʿ4 " 4 .0/, 6. ʿ' 04ʿ3+1ʿ5 :.6.-ʿ+6 " 6.60-ʿ0/ʿ
5+2",1ʿ4 50*4 1ʿ,.560*6ʿ06ʿ:.*.ʿ" 20 6.6 8ʿ 0+ʿ516 +8ʿ" ,0*6 .0ʿ 50ʿ1 60*6. .ʿ018ʿ*?
,1- -+*0ʿ20*0ʿ -0 61 +-ʿ40ʿ0ʿ, : +-ʿ0/ 6 + *ʿ. -0*6ʿ %+ *ʿ 0:1,.6ʿ *ʿ-0-1ʿ
.-ʿ *4 0.0ʿ + .0ʿ5 1ʿ ."+60ʿ5+2",.ʿ0/.*6".618".21 08ʿ,+ʿ 0"5+2",.ʿ" 20 6.60-

6 \ +.-
, , ʿ%ʿ ʿ ʿ$ʿ ʿ2ʿ, ʿ,ʿ+ʿ5 .ʿTN +ʿ4 ʿ $ʿ $ʿ. $0ʿ(ʿ ʿ6 Aʿ, ʿ, ( )0ʿ . ? I

+. 6ʿ4020.6ʿ< 3+14ʿ06ʿ5+2" ,1ʿ0"19 1ʿ ,1* 606ʿ ,6ʿ616ʿ20*0 , 1 + -ʿ .2ʿ01ʿ . ,60561 + -ʿ &ʿ
+6ʿ - 0 - 1ʿ 6ʿ516 +8ʿ 3+. -ʿ .+ 08ʿ 60 - 0 0ʿ50 * , 1 . ʿ +.40*6 2+8ʿ 5 .020.6ʿ 3+.16+ - ,+8ʿ ʿ
0* /,ʿ5460 6ʿ1260 6.6+ ʿ &0 + . ʿ." 0*.6 8ʿ 0 - 0ʿ. - 8ʿ5"028ʿ3+.0ʿ .ʿ5 .0, 5+.0ʿ4 9B
* 6.6 8ʿ: 1ʿ4 ,0 0*6+ ʿ*1*ʿ0.ʿ 0 5+ 2S, .0ʿ21*1ʿ4 4ʿ 04ʿ .+6ʿ .2ʿ * - 6.6 8ʿ ,1* , 0*ʿ
6 .ʿ5 4 4 , ʿ.+6ʿ 40* 3+0ʿ 4ʿ . 6+ʿ 0 ʿ *60 5 06.6.ʿ0 6ʿ +6ʿ *60 0.ʿ*12 "08ʿ ,1 - 5. .6 8ʿ
: 2+8ʿ - 5 +40*64 8ʿ *6, .5 * .61ʿ155 - 0 0*6ʿ 6.3+0ʿ 6.6 - ʿ 5. 1ʿ6+ - 1 0ʿ3+. ʿ
*12 "08ʿ - " 60 - *ʿ + 2, - ʿ *6 14+,0 0*6ʿ ,+<+8ʿ150ʿ0. * 4 50 0*6ʿ 06ʿ +2<+9.<0*6ʿ
. *.ʿ50 ʿ6+ - +"6+*" , .5 +*6ʿ: /3+0ʿ6. *40 - ʿ 4". ,+850 : , 6 +6ʿ *6 .6 4++ - ʿ *12 "08ʿ
0/60 *+ - ʿ - " 60 - ʿ4 - 660 0*6ʿ< 5"028ʿ: 4" - ʿ. - . 4051*0 06ʿ &0 + - ʿ 4+ - ʿ.*60ʿ
60 - 5+8ʿ .ʿA1. * *0ʿ + . ʿ , , , ʿ6 0 - 2+8ʿ 0 : .*4 8ʿ 40 6 * .6ʿ6.*3+. - ʿ<. - ʿ4 - ""ʿ50ʿ
+ 20 - ʿ *,040 0*6ʿ 0 6 - .6 1*0 - ʿ "". - ʿ 0, +8ʿ *60 5 06.6.ʿ5"028ʿ3+. "04ʿ51 6. - ʿ
(6057. *ʿ1, ,+5.6. - ʿ. - .*4. 0*6+ +6ʿ 2ʿ ,+ - ʿA1ʿ .56 6.0ʿ + .0ʿ,15 8ʿ,1*<+*ʿ
90 0*6ʿ: - ʿ *ʿ018ʿ ., 6ʿ *ʿ01ʿ6+ - +"6+ʿ." 3+16ʿ1,4 ʿʿ : /3+0ʿ1, ,+ 0*60ʿ 5 1ʿA1
*4 0.ʿ7.2 6+ʿ5. , .61ʿ 04.6.ʿ5"020ʿ4 ,0) - ʿ0 6ʿ *40ʿ *140ʿ3+.0ʿ/ :ʿ . 6 ʿ.*60 ?
,0 6ʿ 7.9*1ʿ* + - 0 1ʿ *ʿ5". 60.# 1" 8ʿ5"020 ʿ,1* :0* +*6ʿ06ʿE0 - .*18ʿ 6.6 1*. 18ʿ
*40ʿ, 6 .ʿ". *9+ *0 - ʿ40< , +*6ʿ. ,ʿ61 - 0*6.ʿ *ʿ5160 6.60 - ʿ 04 9+*6ʿ3+ 2+8ʿ4+ - ʿ5.ʿ
".6 + - ʿ5 + - ʿ155+9*. 0ʿ 0ʿ5. .618ʿ5. - ʿ<.4 6.*6ʿ50 ,+"1ʿ60 6ʿ*12 " + - ʿ40"09.6ʿ
ʿ 0.6+ - ʿ: ,* + *6ʿ06ʿ +6ʿ 0 J0 .6.0 \5"02 8 .+4.4.0ʿ - .6+ 0ʿ12: . - ʿ0.6+ ʿ * 6.*6ʿ ʿ
." 13+ʿ 1 0 \ʿ+6ʿ 5ʿ .ʿ 2ʿ0ʿ *2 - 0 1ʿ + ʿ4+,0 - ʿ,1* 6 6+.6ʿ ",+6ʿ.**1ʿ7+<+8ʿ .0,+"ʿʿ
0/61ʿ 0, 6ʿ0. 40 - 3+0ʿ ." . - 6.608ʿ3+.8ʿ6+*,ʿ 0"5+2" , .ʿ50 50 ".ʿ0 6ʿ *:07.6ʿ 6ʿ5". ʿ
,02.6ʿ5"0 3+0ʿ +6ʿ *ʿ5+2" ,+ - ʿ5. , .61ʿ7.2 6+ʿ5 14 0*6ʿ06ʿ5 .0 0*6 .ʿ +.ʿ" ,0*6 . - ʿ
ʿ 0 .0*. 0*6ʿ ,+*41 3 0ʿ. - .4051*0 0<+20 ,*6ʿ (04ʿ 08." 850 ,+"ʿ5"0*.: 40ʿ
2.6+ ʿ 6.3+0ʿA1ʿ .56ʿ 0 , . +8ʿ 0*.61 ʿ9 .: 8ʿ06ʿ - +"61ʿ 0 + - ʿ+ +ʿ,". +8ʿ ,+ - ʿ. 6+ʿ
4ʿ .ʿ 1: 8ʿ 4 , ʿ5+6. 06ʿ +6ʿ - 06+ʿ *<041ʿ"0/ʿ.**ʿ & " .2 19.6,6+ ʿ,1*6 . 1ʿ. 6ʿ
01 - - ʿ,1* " + - ʿ0"+40*4+ - ʿ .6+8ʿ 2 .6 1*0 - ʿ *ʿ 0*.6+ʿ7.2+ 6ʿ< H+.ʿ,+ - ʿ:0 8ʿ *ʿ ?
ʿ 50, 0 - ʿ". ,7 - ^405"1 .61ʿ 0 + - ʿ5 .0 0*6ʿ 6 6+ʿ.+41 ʿ + 6ʿ +6ʿ5"0*.ʿ5160 6.8ʿ4ʿ 0B
+ - ʿ. 2 6 + - ʿʿ *ʿ 5"020 - ʿ,1* 0 06+ ʿ ,+<+8ʿ +.0ʿ 0*60*6 .0ʿ. 6 5+".61 0 - ʿ7.2+ 6ʿ
E01 9 + - ʿ + . - ʿʿ 3+ʿ * 50ʿ,0* + 6ʿ +6ʿ *0 - 1ʿ01 . - ʿ3+1 + - ʿ*1 - *.ʿ 0*.6+8ʿ
."21ʿ * , 56.ʿ0 "0*6ʿ, : + - ʿ40 *,058ʿ 71*1 2+8ʿ . ,ʿ - .9 6 .6 2+8ʿ *ʿ+ 20ʿ5. 6 , 5. ʿ
06ʿ3+14ʿ .4ʿ *: 4 . - ʿ.4<04+ - ʿ06ʿ+6ʿ 1: ʿ,+ - ʿ5"020ʿ,1 - - "60 0*6+ ʿ *1*ʿ0* - ʿ
3+0 *ʿ5+6. .*6ʿ ʿ0/ 6+ - ʿ7.2+ 6ʿ (6.6 - 3+0ʿ7.2 6.ʿ 40" 20 .6 1*0ʿ "0/ʿ 14 1 .ʿ " .ʿ
.2 19.6+ ʿ,1*6 .4 ,0*6 2+8ʿA.*+ 1ʿ ʿ . 1ʿJ .*, ,5ʿ 0 , . 1ʿ ,1".1ʿ .6.*01ʿ06ʿ
.C. 1ʿE - ."41ʿ3+ ʿ06ʿ40ʿ .2 19.6 1*0ʿ+6ʿ: 6 1ʿ .4.ʿ5 160 6.6ʿ +*6ʿ 5 0ʿA1ʿ .56
0 , . +8ʿ,1*6 *+0ʿ *40ʿ.4 "4 . ,ʿ06ʿ51 60.ʿ. ,7 05 ,15ʿ.040 8ʿ60*4 6ʿ06ʿ ,1 . - ʿ 0ʿ
, 06. 1ʿ06ʿ: , . 1ʿ +6 + 3+0ʿ 6 40 - ʿ5 160 6.6+8ʿ 0 6ʿ +.03+0ʿ 5 160 6.6 1* 8ʿ60 6 - 1ʿ
* + - ʿ3+.*41ʿ.ʿ*16. 1ʿ5+2" ,1ʿ7.20 0ʿ71,ʿ 0 + - ʿ 6.6+ʿ*1*ʿ51 "06ʿ 2ʿ4. ʿ51 6+ʿ
".: 6ʿ 090ʿ.2 19.6. ʿ. - 5" +8ʿ5"028ʿ 506 6ʿ +6ʿ, , ,ʿ0ʿ +1ʿ* + - 0 1ʿ *ʿ."2+ - ʿ.4 0 20ʿʿ
0*6+ ʿ3+14ʿ06ʿ226 *+0 +* ʿ 4 . ,1ʿ .4ʿ1 - * .5 - 40760 ʿ4 - +".*60ʿ3+ ʿ "0/ . * ʿ
4 .0ʿ5 .0 04+ - ʿ.ʿ - . ,7 1*0ʿ - 1*6.*1ʿ 04 1".*0* 8ʿ5 *, 5.6+8ʿ5 1 090ʿ ,+ - ʿ
.+/ ". 2+8ʿ - 66 - ʿ . ,0" 0 0ʿ<6 " 6ʿ 06*12 " 2+8ʿ3+ 2+8ʿ." 13+ʿ *ʿ2 , ,+"61ʿ .:02.6ʿ
.+41 ʿ + 6ʿ +6ʿ - .<1 8ʿ - 16+8ʿ 0: 6.*4ʿ , .+".ʿ .56 6. - ʿ(5 *2". - ʿ(0 .: . ""0ʿ,+ - ʿ,1N
5 8ʿ.4:0* 0*60 - ʿ +6ʿ 06 1ʿ ,040 06ʿ - 1*0 0*6ʿ 8ʿ06ʿ5 : .6.ʿ *ʿ$7 " 55+ - ʿ *<+ .ʿ
. , ,0 " 6ʿ3+. - ʿ.03+0ʿ5 +40*60ʿ 4 . ,+8ʿ 4 " - +".; 6ʿ 0 , .6 8ʿ .ʿ 1:1 + - ʿ40"09.6 8ʿ
5 1 09 8.4ʿ<4 . ,+ - ʿ" 60 8ʿ06ʿ, .56 8ʿ. - 8 3+.0ʿ.2ʿ ""1ʿ6.*3+. - ʿ *ʿ(. 4 * . - ʿ51 ʿ
6.*4. ʿE0*+. - ʿ - 6602.*6+ ʿ 9 6+6ʿ 02+8ʿ 40 50 .6 8ʿ*12 "08 ʿ3+ 4ʿ .41ʿ15+8ʿ 0 "06ʿ
,1* +"6. *6ʿ 06ʿ - +"6 8ʿ3+1 . - ʿ. - 2 6 1ʿ+"6 1*0 - ʿ.4 - 6. - ʿ7.202.6ʿ5". ,02. 6ʿ+6ʿ+ ʿʿ
20 - *3+.ʿ,+ - 4 9* 6.60. , 0, + 6.60ʿ - .70 0ʿ*1*ʿ51"%0*6 3+. - 5 - + - 40 2 0 0*6 I
ʿ *0

ʿ%ʿ ʿ ʿ$ʿ ʿ ##ʿ ʿ ʿ1+ʿ . ʿ ʿ ʿ ʿ L ʿ > ʿ5 . ʿ ʿ ʿ 8ʿ
5ʿ, ʿ Iʿ ʿ- (#ʿ ʿ ʿ 0 ʿ 6 ʿ ʿ ʿ ?
. ʿ ""ʿ ʿ ʿ ʿ &I ʿ %ʿ

&ʿ70ʿ50 * , 1 8ʿ06ʿ 04 6 1*ʿ5 15 1 2+8ʿ +.ʿ- 2 .ʿ40" 20 .6 1* 2+8ʿ,1* 0* + -ʿ5 .020 , <8ʿ"""" : 4,< 0*6+ ʿ,6ʿ*0ʿ *60 0.ʿ7+0ʿ "+,ʿ:.9 ʿ06ʿ, :0*6+8ʿ *,0 6ʿ4 ".20 0*6+ Kʿ40ʿ# 6L ʿ *60 , 5 0*4.ʿ .6 1*, -ʿ *0+*4.*ʿ5 151*+* ,ʿ< ,+< 8ʿ150ʿ 04.4.ʿ .4ʿ .*9+ 6 .8ʿ+ 20ʿ S6+ - 5160* ʿ *ʿ5.6 . -ʿ6.*3 . -ʿ: 41 08ʿ2 0: ʿ 04 0ʿ06ʿ"090 -ʿ 8ʿ.ʿ3+ 2+8ʿ, . -ʿ *4 9*0ʿ*+*,ʿ., , 50 ,ʿ,190 0*6+ ʿ - 51" 6+ ʿ0 0*6ʿ 1*6 .ʿ." ʿ3+ 2+8ʿ - .<1 ʿ6 .*ʿ 3+ "" 6.6 85+2) , ., 5+ .ʿ4 0 ,2.*6ʿ<ʿ* 7 ".47+,ʿ, .+ .0ʿ0 0 Q + ʿ5.6 . -ʿ40 0 0 0*6ʿ *ʿ 3+.ʿ - 1"" 6.ʿ .03+ 6.6 8ʿ60 - 50 . 70*61ʿ "090ʿ .**ʿ - .ʿ ,+ -ʿ 4 9* 6.60ʿ .,ʿ6+62ʿ 4090 0ʿ51 %0*6ʿ' ." 13+ A`6ʿ+ 20 -ʿ40 0 .*6ʿ<+ 0ʿ +, ,0* + + -ʿ$7 " 55+ - ʿ3 ʿ 0 5+" ʿ " , .0ʿ5.6 1, * +ʿ +1ʿ, 1 - - ".0ʿ 50 ,+"+ -ʿ - * - 0ʿ 6ʿ*09"0 6+ +8ʿ06ʿ50ʿ +18ʿ1 8 ʿ 61 08ʿ,+ .6+ +8ʿ ʿ3+ 40 -ʿ416*ʿ - .*0.*6ʿ +6ʿ 08ʿ, 6 .ʿ. - 1 + -ʿ: -ʿ,1 - 51*.*6+ ʿ 3+14ʿ ʿ4 00 .*6ʿ< 20""ʿ *ʿ 6." .ʿ90 0*4ʿ$7 " 551ʿ .ʿ3+1ʿ - . / - 0ʿ ""0ʿ.271 06ʿ*0ʿ ,0 6.60 -ʿ - 5 * ʿ *. -ʿ5",20 -ʿ6.*6ʿ <09 8ʿ1508ʿ06ʿ+"6 1*0 -ʿ :0 6. .ʿ ."60 +85 *ʿ , 5 8ʿ.03+0ʿ5560*6 8ʿ.+/ " + -ʿ - 5"1 .6+ . -ʿʿ ",3+,ʿ*1*ʿ 1"+ -ʿ 0 - 5+2" , . -ʿ04ʿ+*ʿ :0 .0ʿ 6." .,ʿ3+ 060 -ʿ *ʿ + - - + -ʿ4 0 - *ʿ40:1, . ʿ , .56.ʿ :0 aʿ (.1*.ʿ3+ 4ʿ *ʿ 0 -ʿ,1 - - +*, -ʿ5 1 ,ʿÑ - - 1ʿ50 ,+"+ -ʿ +20 0ʿ,+ -ʿ+6ʿ, . -ʿ. - 8ʿ6+0.*6+ ʿ15 ʿ 2+8ʿ0/60 * 8ʿ15+8ʿ7.20.*6ʿ *0ʿ0.ʿ *ʿ0/60 *ʿ5 *0 5 8ʿ - .*+8ʿ40:0* .6ʿ 3+14ʿ ʿ,1*ʿ 6 *9.6ʿ 5 18ʿ,+"5.0ʿ3+. -ʿ *ʿ." 8ʿ., , + .*6ʿ - .9 8ʿ. *0 8ʿ 1 0ʿ , . -ʿ+6ʿE."" 8ʿ0 5, ʿ 06ʿ06ʿ5.6 .0ʿ,+ -ʿ0." 20 6.60 -ʿ 0 6 6+0 06ʿ + . -ʿ1" -ʿJ .*, ," 6 50*4 8ʿ 0*+*ʿ 0 . "0ʿʿ 43+0ʿ .2ʿ 5" 8ʿE."" 8ʿ3+1 + -ʿ 08ʿ0.ʿ40 0 6 1*0ʿ *ʿ 6." .ʿ0:0 6 6ʿ *ʿ01ʿ0/, + .ʿ 6+ *ʿ3+0 *ʿ"09 8ʿ3+.0ʿ *+*,ʿ155+9*.6+ ʿ,1*4 61 0 -ʿ".+4.*6ʿ 3+. .ʿ0.*40 -ʿ + B 20 -ʿ" ʿ4+ -ʿ.+4., .ʿ - H 8ʿ3+. .ʿ6+6.ʿ,1* .ʿ 03+ʿ - ."+*6ʿ50 : , ., ʿ60 - 0 6.6,ʿ ".ʿ 0/60 * 8ʿ71 6 2+8ʿ5 14.*6ʿ *1*ʿ 1"+ -ʿ - 0 6.ʿ + . ,ʿ3+ 2+8ʿ - . / - 0ʿ*12 "08ʿ.*6 3+ʿ * 6.*6+ ʿ 04ʿ+* :0 + -ʿ1 4 *0 -ʿ*12 " + -ʿ *: 4 .ʿ.5+4ʿ +18ʿ06ʿ*+*3+. -ʿ *60 6+ .ʿ * .* .ʿ *ʿ51 60 + -ʿ1*0 . ʿ 6.3+0ʿ .6 +8ʿ: 4ʿ0 ʿ+6ʿ *ʿ+ 20ʿ3+. -ʿ4 +ʿ6+61ʿ06ʿ71*0 6,ʿ " ,02 6ʿ - .*0.*6ʿ G+14ʿ ʿ*0,0 . 1ʿ4 0040*4+ -ʿ 6ʿ06ʿ40 0 0*4.ʿ5.6 .ʿ3+.0ʿ<. -ʿ 5.6 .ʿ*1*ʿ 6ʿ,1* 0 61ʿ.9 - *0ʿ4 004.*6ʿ+6ʿ,1.6 71*ʿ 51*60ʿ, . -ʿ40 0 0 0ʿ: 40.* ʿ 6+ ʿ ,ʿ0* -ʿ 1 0ʿ+6ʿ2 0: ʿ*12 "0 8ʿ 5 18ʿ3+ʿ 0 - .* 0 *6ʿ5"02 8ʿ 7 .* .0ʿ.,ʿ + 1 8ʿ 50 6.0 18ʿ510* 60.6ʿ,6ʿ ʿ3+ 40 -ʿ.03+.0ʿ,1*4 6 1708ʿ5 151*.*6+ ʿ3) 14ʿ .4+ +8ʿ 6ʿ 5 1,+"ʿ4+2 1ʿ$7 " 55+8ʿ, :08ʿ3+. -ʿ *<+ 60ʿ0/5+" ʿ6. -ʿ71*1 ,0ʿ.2ʿ., -+" 0ʿ + 8ʿ *ʿ 5.6 . -ʿ 0:1,0*6+ ʿ 8ʿ .6 1* 2+8ʿ: 6ʿ,1*6 . .0ʿ 1*60*6 .,ʿ.+ 61 08ʿ,1* " + -ʿ4,ʿ (.1*.ʿ *60 , 5 0*4.ʿ1 - 0 +*6ʿ (04ʿ,+ -ʿ 2ʿ.ʿ5"020ʿ - 06+0 0*6ʿ"0* -ʿ7+0ʿ ""+,ʿ . 51 6.6 8ʿ3+.0ʿ5 06 1 1 .ʿ7.702.*6ʿ4<".5 ʿ +76ʿ G+ 4. -ʿ0/ʿ 8ʿ 0 - .* 0 0ʿ06ʿ *ʿ 8ʿ J .*, ,+8 0 , . +8ʿ<3+ 6. - 0*ʿ,+ -ʿ: 4, 06ʿ5"020 -ʿ*+""+ -ʿ - 14+ -ʿ + 0*4ʿ ., , 0ʿ * ." + -ʿ, + -ʿ.*6 3+.ʿ 0 0ʿ*12 " 6.60,1*,0 6

ʿ " ʿ7+<+8ʿ - 16+8ʿ . - . -ʿ51*6 0/ʿ06ʿ5 1ʿ - +*0 4ʿ +1ʿ06ʿ.ʿ$7 " 551ʿ06 . -ʿ 1 ʿ 9.6+8ʿ5. 608ʿ +.ʿ *60 51*0*4.8ʿ 0* + 6ʿ40 6 * .61ʿ.4ʿ 4ʿA1.**0ʿ 1 1*1ʿ, . 4 *.ʿ ʿ" + -ʿ40, .*1ʿ5 .0, 5+.0ʿ.+41 6.6 8ʿ06ʿ5 +40*6 .0ʿ: 1ʿ<3+0 -ʿ." 3+16ʿ4 02+8ʿ.*60ʿ ,0""""6ʿA1ʿJ .*, 0+8ʿ2 .*12 +8ʿ.ʿ51*6 ,0ʿ5 .0 - "+8ʿ+6ʿ, : + -ʿ *90* .ʿ ."+6. + -ʿ 1 1*ʿ - 1* 61 +*<, .5., .ʿ 0440 06ʿ,+ -ʿ - 1/ʿ0, +6+8ʿ0 6ʿ 5 ,ʿ 1 1*+8ʿ.ʿ5 *, 50ʿ 0*.6+ʿ,6ʿ+* :0 8ʿ3+ʿ *ʿ+ 20ʿ0 .*6ʿ71*1 ,0*6 - 0ʿ, / ,056+8ʿ %+ -ʿ.2ʿ+6 13+0ʿ 1 4 *,ʿ40"09.6ʿ: ʿ06ʿ,+ -ʿA1ʿ *61* *8 ʿ 4 , .",+820,+"6 85 0* .6 5* 2+8ʿ *ʿ01ʿ ".21 . 06ʿ+6ʿ *12 "0 8ʿ,1*6 1:0 . + -ʿ +. + -ʿA+4 , + -ʿ. 2 6 1ʿ 1 1*ʿ51*6 , ʿ .6ʿ50 - 660 0*6ʿ""ʿ 0, + .6+*6 ,+ - 4 ,0 0*6 *03+0ʿA+ 6+ -ʿ*03+0ʿ71*0 6+ - ?0 0 ʿ +6ʿ,+ -ʿ4+1ʿ$7 " 55ʿ 0 5+2" , .0ʿE0*+0* 8ʿ40 0* 1 8ʿ1 .61 08ʿ.40 "0*6ʿ71,ʿ*091ʿ? 6 + -ʿ 8ʿ *,1* + 6 8ʿ.9 6. 06+ ʿ 1" 3+,ʿ0/ʿ,1ʿ2 4 *0(":0 60 ʿDE.6.*0+8ʿ06ʿ , , 1 8ʿ ʿ$.".: , *+8ʿ40"09.6ʿ *ʿ 20ʿ,+ -ʿ 1 1*1ʿ - .* 0 +*6ʿ< .+4 8ʿ *60 -ʿ + 5 , 1* 2+8ʿ 3+. " ((1*.0ʿ5 .0 04ʿ1, ,+"6.ʿ40ʿ. , 2 Sʿ5 140*4 8ʿ,+ -ʿ*12 " 2+8ʿ3+ʿJ *." ʿ0 .*6ʿ ,1* .ʿ * 0*6ʿ 6.6 - 3+0ʿ40, 061ʿ 0*.6+8ʿ,5 - 5 070* ʿ06ʿ *ʿ+ 20 -ʿ 9*1 - * 1 ,ʿ

ʿ ʿ ʿ ? ʿ ʿ .44+4

%' #' 'F' F %)' ' 'Í ! eep

.44+ 6 ' ,+ - ' *+""1' * 1 *' ,1*6+ - 0" .0'90*0 0 0' .'5"020' . 0 6 ' 0 "0*6< 51 60.'6.*3+. - ' * ' &'
*1,0*6,8' 4 - "' +*6 ' G+.0'4+ - ' .' 1: 8' +*6 ' + '5"02, - ' - .9 8' ,1*6 .'*12 ", 8' * ,+8' "" '
,0*40 0*6 ' *12 "08' : , - ' - * - 0'30"".2.*6 ' 1 - * ' . 60' .** 60*608 ' +6' 5"02, - ' ,+ - '
*12 " 2+8 ' 3+ ' *' + 20' 0 .*6 ' ,1 - - 660 0*6 ' 6.3+0' 050 6 ' 3+ 4. .' .' 5"020 ' .' E01 '
9 1' + . ' A1 ' .56 ' ?' (5 *1".' . 1*,' 06' - 2 1 1' ' (":.9 1' :0'50 (. ' :0' ,16 '
+56 ' ,+6 ' 51 60.' *' 61X - 0*6 8/1* , "' +*6 ' 3+ " 20""1' 1 1*1'51 0U 61' : ' 4
. ' 40, 06+ - ' ,1*6 .'"090 - ' .*7 ' ' . 6+ - ' 0:1,. ' 506, 0*6 ' 693+0' *' .+41 08'
6.*3+. - ' ,1*6+ - . , ,8' A.6.' 0*60*6 . ' 5 1 0 56 8' 62 + .' 21* 8 ' *4,' 041:.6.' 06'
- .9*.' 0:0 6.60' 0/0,+6 5* ' 40 - .*4.6.'40, ,6.' ,1*6 .'0/60 18 3+18' *6 3+ ' *12 "0 '
3+ ' *+ - 0 1' * 0 4 08' 0 .*6 ' 6.*3+. - ' .+/ " . 0 8' .4:1,.:0 .*6 ' +6 ' ,+ - ' ")' *+"". - '
*' + 20' 0,+ 6.60 - ' 050 0*6 ' .4' ." 18 ' 3+ ' <. - ' J *." ' 0 .*6 ' 0' ,1* 0 0' *0,0"%0' 7. '
20 0*6 ' +* #1 .* .' .4' . - .' *, *. 0*6 ' 1 1* 8' 4 , .",+ - ' - 66 6 ?\3+ ' 3+.8'
(6.6 " .8' + 3+0' , / ,+ 6' .4'A1 ' *4 0. - ' 3+ ' ,1' :."06+4 * 8' , .+ .'5 1 066+8' +0 .6 ' +6'
0+ - ' .2' . - 1 + - ' ,1* " 1' 407166. 06+ ' 0 ,0 063+0 ' +6' *6 3+ ' + 8' 40"09.608' .4'
0' - 66060*6 ' ' +0 0'A1 ' .56 ' , . +8' 06' (6057.*+8' . +8' < 3+ ' ,+ - ' " 60 8' :0 '
*0 +*6 ' 3+ 2+8' *6 3+ ' ,1*6 1:0 .0' ,1 *55*0*4.0' " 20 . - ' 5160 6.60 - ' 1 1*1' 06'
$7 " 55 ' 1 .61 2+8' ,1*<+* 6 - ' . , 02.*6 ‖,6' 0 ' 0' 45+2" , . ,' 1 4 *.6 2* ' 5. 6+ 1('
1 60*402.*6 ' 3+.0,+*3+0' .2' 5 8' 40, 06.' 0 "06 ' :0' 40' . 1' :0' 40' <+ 0 ' .44 6.' ,".+ '
+". ' .":.' 0 - 50 ' 0 5+2" , .0' " 20 6.60 ' &0 + - ' 6.6 8' .* - 8 ' 40"09.6 ' .2' 5 1'
1 1*5 ' 3+ ' 01 + - ' .4:0*6+ - ' 6.*6150 0' 0/506 :0 .6 ' - 1* 6 ' +6' 50 ,+"1' ,0 61' 5 .0 '
:0 60 0*6 ' 6.6 - ' + 20' , / ,0 "0 +*6 ' 6.' 40 50 .6 8' 02+8 ' *6 3+ ' ,1* " 1' 7.2 61'
A1.**0 - ' *4 0. - ' +* - + .' . - 1 + - ' 6. - ' 60 0 6 + - ' 3+. - ' - X 6 - 1 + - ' 4+,0 - '
, 0.*6 ' 3+14' 1*+8') R' *1*' 9 .:.60' . , ,05 6' ' ,1*4 6 1*0' 6. - 0*' .44 6.' +6' 5 +(' 0 '
90 0*4.,' ,15 . - ' .' $7 " 551 ' ,+ ' ., . - 0*61' .44 +8' 0 .6 ' 506, 06 ' 6.3+0' .2' *6 '
3+ 8' *' 0. *' 0 - ' 4.6.0' .4' $7 " 55+ - ' R0 .0' < 3+ ' - 1/' 01' . 1"+ - ' D 1 9 . - ' .*4 .0'
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40 *ˢJ *." ˢ7.2 61ˢ,1* " 1ˢ40ˢ 0ˢ50,+* . .ˢ0/504 0*4.ˢ .6 1ˢ * 6+ ˢ6 0 3+0ˢ7+ ,ˢ
- +*0 ˢ0ˢ +1ˢ*+ - 0 1ˢ40"09.6 ˢ +9+ 6 *+8E - ."4+8ˢ *61* 16+8ˢ ˢ .6.*0+8ˢ06ˢ$7 ˢ
A 55+8ˢ 1 - 0"" *+8ˢ4.61ˢ *60 -ˢ*0916 1ˢ(, 5 1*ˢ9ˢ . - 51 .0ˢ06ˢ - 2 1 1ˢ 1 - 0" ˢ
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< 40ˢ 1 9 .ˢ,+ -ˢ 1 1*1ˢ06ˢ,+ -ˢ .0 . 0 8ˢ"09.6 8ˢ40ˢ,1 - - +*ˢ*0916 1ˢ.90 0ˢ,105 6
*6 3+1 + -ˢ,.+ .0ˢ *ˢ1,,+"61ˢ ,ˢ0* -ˢ *ˢ - .*4.6 8ˢ7.202.6ˢ .:0*8ˢ06ˢ1,,. 1*0 .ˢ
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&"" ˢ # ˢA1.**08ˢ *4 0.8ˢ 3+1ˢ,.+ . -ˢ +. -ˢ - .9 8ˢ.55 12. 06ˢ *ˢ+ B
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,7. 6.606.*9.*6 ˢ.ˢ3+.ˢ5 ˢ 51*60ˢ0/+". 0ˢ - ."+0 +*6ˢ3+. -ˢ,1 - - 660 0ˢ+6ˢ4+ -ˢ
, : 6.60 -ˢ 06 *0 0ˢ3+.: 8ˢ .6 1*0:1"+*6ˢ 08ˢ.4ˢ *60 *0, *ˢ20""ˢ*0,0 " 6.60 -ˢ40;1ˢ
,. 0ˢ4 ,.*6+ ˢ 9 6+ ˢ,1*4 6 1*08ˢ.03+.8ˢ.,, 5 .*6ˢ< 06ˢ ˢ *60 ˢ40"09.608ˢ.2ˢ+6 .3+0ˢ
5. 60ˢ,1*:0* 0ˢ*1*ˢ51 6ˢ *ˢ5 *, 5+ -ˢ40"09.608ˢ,1 - 5 1 - 66.*6ˢ3+1 + -ˢ 0*60* ˢ
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&'56G,6" 4+2 1':06 + 18' ' 6' :, 1'0/'40 50 .6 1*0',1* " * -' ,.56+ 080 , 450, 4 "1' G6
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5"020 -' " 60 .0'< 3+. + -' 06' 5"0 ., +0'0/0 - 5".'50 ' 1 20 6' 5. .' 04' Z1/' .' ,1 66 . .'
.4 1*0' +55 0 ".' 1*6' + * ' .4' ,.8' " 60 .8' * 7 "' 0 51*40 06' 0*.6+8 'A0 ' *4 0.8 '
.4' +18' 9166:0 +(< Ti(' :070 - 0*6 '1 .6 1*,' .4' 20""+ -' 71 6.6+ '< 3+14' 06'<+ 6 "0 8'
- +"6 8' :0 2 8' 1 60*4 6' .,'5 .0, 5+0'0/' 01< 3+14' *0,0 . +66' 6' g + 6 .' ." .' 60*6.6?'
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*.8' 22' * "+ - 0 .' +.'50, ,.6.' .'4 : +.'561: 40*6 .' ,51 ,"' 6.3+0' + 6 .'".21 . "0'616'
5 " , 508 ' 4+66 ' .6*",0' 08' 01 - 516"' ,+5 +*6'< ." 606' 0+ -' 6.6+ 0 '3+1' 4+0, ' *'6.+6'
<+ 6.' ,.+ .' . - .'0/504 60' 151 60.6 '3+.5 1560 '7+ ,' 6' 4+,0 - ' .*60' .2' 5 8' 19.6+ - '
+7,' 51*60' 1 J06 @ 06' 150 . -' +. -' +"6 1' 51"" ,0 '' *' 4' 1508 ' : 60 8' 06' . - ,18'
+*.* - 01* 66 66' 4* 6 .*6 '06' ,+ -': 6.0' *1*'5. 0.*6 '50,+* .0' 5. 0' .2 + 4+ -' 4+?
,.*6 ' 3+ 4' 0* -'.6* .', : 6.60' +50 0 0'N 9 6+6' 6 0*+0' .4' 0/660 - .'1+ " 6.' 6' 5. 0*6d'
5 1' " 2066.60 ' 1 6+ 8' +/1 2+8 ' " (0 8' 405+9 6.6+ ' 06 0' 206"0' 90 6.' ." ' : 6.6, .'
0,+50 .6+ ' .+6' ' 6,+8' .0, 4.6' *0' ,1* 0 0*6 .0' - 1 +' 5 1' 5.6 .0' ."+60' 4 6) ,6'
1,,+2 6+ ' . *' 1 .6 16 0 -' ." .' ., 1 0' 5 1 6,+6+8' 0 6' A1.* ' .56 ' 0 ,. +8 ' %. :?'
40 -' 20""+ -' 40, 06+ -' 0 6' ' 0140 - 3+0' 60 - 51 0' - ' .4' .0 . 0 -' 0' +1' 1 4 *4' 1 '
- * ,+8' E - ."4+8k .4' 51*6 ,0 -' ,' + .8' .4' 6* .6+ - &0 6+ - ' J0 .6 .0' , '
. 6+.0' 4+,08' - 2 1 +8' (5 "1".' ' .4' (.2.74+ -' 06' $. 66 0 6 0 -' J .*0 6+8 ' J #'
0+8' ' .4' - .9*+ -' 6 + .0' 4+,0 - ' 2' +,0* 6 -' 0* 5+2" ,. -' 06') 62 * ' 5 , 506 "'
A1.* ' .56 ' +6 .' 1 - * ,' " +8' *60 0.' +* :0 ' 3+ ' J *." ' ,1*: *0 . 6' .4' 6 '
*.6+ -' 4.*6' " 60 .8' , ' 4 ' (056 ' + - - 1' 60 - 50 . - 0*61' 0 56.8< 3+ 2+8 ' 60506 6.' + '
50 1 + -' 60 - 51 + -' - 0 - 1 .' 3+. -' 40 - "0' - +"060 /0' 5160 .*6 ' .' 05+ h ,'
5060 .*6 ' +6' 616, : + -' 40' 5 .'20*0' 66 0 61 + -' .6 1' 7.20 06+ ' *03+012 6 * .6 8.4?'
,1*60 66 1*08' .* - 8' ."+8' 5+2" ,.' *' 50 ,+7 -' :1,. 06+ ' .40 "0' 5 6, 5+ -' "09.608 '
3+ 2+8' 06+ *' +. + -' .62 6 + -' 40 0 *1*' 1"+ -' 71*1 ,+ -' 04' +6 "0' 06' *0,0 ". '
+ -' 6' ' *' 018' 9"6+ ' ,1 - 5 1 - 66.*6 ' .":.' 0 5+2" ,.0' " 20 6.60' ' 06 '6 051 6 8' 6 - 0"'
- +"6.6 2+8 ' *' ,16* - +* ' ,1* + 6*6 ' * ' .,..*6 ' 6' ,1 . -' 01' 06' 71 - * 2+8' 40' ,.". '
- 6.6 2+8 ' *1*' +.' 04' 12 6 - .616+ - ' ,1*6 .' .03+ 6.60 -' , : +* ' ,+"5. ' 0 5+2" ,.0'
12:0*6+ 8' 56160 6. ' &0 + -' * 7 "' 5"+8' "" 8' " 60 8' 5 1 04+ - '3+. - : 8' +* :06 1 + -'
*1 - *0' 0 56 8 ' 3+. -' ' .'5 :.60' 3+15 . -' - ".0' 0 0*6 ' 6.3+0' +, *3+0' 1 - * .' .4'
20""+ -' ,1 - 5. .6.' 6' *' + 20' 3+ 40 -' *1:+ -' - .9 6 .6+ - , 0.*6' ,+ -' . - 5" " - .'
5160 6.60' 3+0' *' . 671"1 - .0+ -' 1 1* .6+ -' ,1"".6+86' 712 "08' :0 1' 40' 05+2 '
" ,.' 1 4 *.*4.'.'J *.")' ,1* " + -' ,050 0' , 0.*41' *1:1' 5 *, 50' .,' - .9 6 .6 2+8' '
04' 0* 1 08' *60 ,0 ^ +*6 '3+ ' 4 "+ . -' "". -' .50 6. -' 2 '0/ 6 1 6 -' :0; 6 ' 40' 01* '
,1 4 .*1*4+ -' 40 50 .*60(' 66 80 "0 *5 .0 ,*6 . + * ,0* +0 +*6 ' '<+ 6 . 67.' ,1*B
6 .' : 1"0*6 . -' 06' * + 6. -' : -' 1551*0 0*6 ' *60' 1 - * .' . 6 - - J .*,+ -' *') '
61 0' : ,"*1' .2' 5 8' - +* 6+ -' - 52 6 8' 616 - 0*6 8' , +76, ,' 6." 8' 06' E0 5.* 8' ,'
018 ' 3+ ' *' + 20' 0 . 6 '0/,+6 6' "2+8' 5 17 20 0*6 ' '

' A1 (6 (' + 6 .8' .' A1 ' *4 0.' 50 +. +8 ' 4 " - +".6 *0' 6. - 04' 0*@'
+90*4. -' ,0* 0*8 ' .4' 04 1".* '5 1 090 -' 0 5 0 .6' +6' 4 " 8' 4+.2+8' E0 - .*1 '
+ -' "09 1* 2+8' .4' 20""+ -' R. "+ -' 40 6 * .6 8 ' 3+. + -' 4+ 0(' 0 .*6' J0" /'? 24 1 '
* +8' 0,' A1.**08' .* ,08' ,+6. 06' +6' 0. ' .' *12 " 2+8' E0*+0* 2+8' ,1*4+,0 0*6) '=
504 6.6+8' 60 -' 6."+8' ,+ '(9 - +*4+(' E1* .9.' 06' 041 ' (5 *2".' 5 .00 .*6 ' 4 - '
60 06+ ' ' 3+1 + -' 6. - 0*' 5. 60 -' 5040' .< , 0 64 ' *' (. 4 * . -' .4' ,/,+ 1*08' % + '
1 - -' - 504 0*4.8' E0*+.0' 5 15 +8' .466 1:0 06' 6.' 04/' i i' 504 6+ -' , * , "* 666?
0+ *3+0' A1 ' *4 0.0' +6* - + -' - 50 + 6' 406+"" "0*6 '0<+8' "09.6+ -' .56 6. -' (5"* '
". -' , 0. -' 1/' 6.".0' ,15 .0' .' 5 1 090' 04 1".* ' - ".0 ' 50, 0' *' (. 4 * .6*

% $ ') % ' % ' (' ! ' +PI ' ; ' $ 'A ' ' ' $ "

6 .<RR "4 ˁ. &W ,0<3+.0?4 .,6 - 60 S*666ˁ.ˁ 0*.6+ˁ015 .ˁ - 506 .6.ˁ,+ -ˁ5 15 +8 &ˁ
, 6 .50 ,+"+.66 0ˁ.4 .1: 0*6ˁ"1,.ˁ: , *.ˁ * 040 +*6ˁ - .9*1ˁ51 60.ˁ+ 2.*1 + -ˁ * # ˁ ˁ
,1*+*141ˁˁ3+.ˁ4,ˁ 0ˁ,+ -ˁ.5+4ˁ .,+*.ˁ0/51 6+". 0*6ˁ06ˁ 0 - 0<+8ˁ.550"". 0*6
A""0 00/,+ .: 6ˁ< 0ˁ40ˁ + 6 ˁ01* " , ˁ0+<+8ˁ<+ +ˁ6.*3+. -ˁ *ˁ(. 4 3 . -ˁ51 6.*46ˁ ˁ
* 6602.*6+ ˁ - 7 0ˁ 0ˁ 0 , : "0ˁ 4 9 . 0ˁ. - .: 6ˁ(0*.6+8ˁ06ˁ,+ -ˁ # 3+3*ˁ05 ˁ
,151ˁ0/51 6+".: 6ˁ3+14ˁ E0 - .*ˁ.4ˁ 20""+ -ˁ,1*6 .ˁ%+ ,18ˁ90 0*4+ -ˁ. .0 . 0ˁ
$7 " 551ˁ,1*,, ˁ*+*,ˁ,/+"+ -ˁ,1*6 .ˁ 0 - 5*2" ,. -ˁ6 50*4 8ˁ - 0 0 0*6ˁ 04 3+.*ˁ
6+ - : 8ˁ "",ˁ .0 . 8ˁ.+416 6.66, -ˁ *60 51*0 06ˁ .6ˁE0 - .*ˁ 0ˁ 0, 50 0*6ˁ * 7 "ˁ.ˁ
h .* ,0ˁ06 14 1* 2 - 506 . 516 6ˁ ˁ

ˁ ˁ6ˁ ˁ ˁ ˁ ˁ *ˁ+ 20ˁ 0ˁ.4ˁ40 0* 61*0 -ˁ5. .2.*6ˁ,+ -ˁ40ˁ,1*,1 4 .ˁ.*60ˁ 508ˁ
. 6.ˁ ,6 561ˁ.ˁ 0*.6+ˁJ *.766 -ˁ - ".<?406 0 ".*6 2+8ˁ<. -ˁ,1*4 6 1*,8ˁ*12 2+8ˁ616ˁ
5 2+8ˁ +2 / 8ˁ1 - * *1ˁ,:.*+ J0ˁ %71 7..ˁ(5 71".ˁ +2ˁ 4ˁ *ˁ 1 ,. -ˁ - 18ˁ+66
8* " 60 -ˁ,2* , 20 06ˁ 3+ˁ /ˁ50 ,+7 -ˁ.ˁJ .*, ,1ˁE - ."41ˁ * 03+0*6,ˁ0:. 6
.6+ -ˁ 60 *ˁ *0916 + -ˁ 0 1*; - 1ˁ 41 * 1ˁ <+ 6ˁ06ˁ +9+ 6 *.?ˁ(.6 8 .*6 1ˁ+6ˁ
" ˁ 4ˁ504 6+ -ˁ,1* , 2, 0*6ˁ5 .060ˁ6 50*4 . 18ˁ 0 5+2" ,.0ˁ06ˁ"1,ˁE0 - .*18ˁ06ˁ
, 6."18ˁ3+ˁ* 2 8,+ 614 .0ˁ * 0 : 02.*6ˁ 41*0+ -ˁ +6ˁ 02.*6+ ˁ 1*6 .ˁ0/+ +6*ˁ
: -ˁ5 .0 4 + -ˁ 0,ˁ0/ 9+.ˁ +, 0ˁ3+.0ˁ.ˁ - .9*1ˁ 6 + .0ˁ4+,0ˁ - 506 .:0 +*6ˁ.+/ ˁ
" .ˁ 3+ˁ,+76ˁA1ˁ *4 0.0ˁ + - -ˁ. - 1 + -ˁ4+, 8ˁ5160*6 . -ˁ + 50 6. -ˁ7.20 06ˁ06ˁ
515+". 0 -ˁ1 4 *, - ˁ3+. -ˁ*12 " 6.60 -ˁ.*6 3+. -ˁ 0 0ˁ 5.* 8ˁ.44 6. -ˁ 0 + -ˁE0ˁ
"+.0ˁ6. -ˁ: , *.0ˁ526 ˁ - .""06ˁ 671*0 -ˁˁ 1*6.,+6+ -ˁ.4ˁ 0*.6+ -ˁ - 6ˁ 3+ˁ 6ˁ
6+20ˁ5 .0 4 . 8ˁ5 .00 "06ˁ06ˁDA+ 1ˁ(.".0ˁ,15 . -ˁ 0, 6ˁ+6ˁ0 1ˁ504 608ˁ *ˁ.9 1ˁ$.*1ˁ
,1* 0 20 06ˁ 5 0ˁ. 008ˁ *ˁ%; 70*1ˁ" 61 ,ˁ(0*0* 8ˁ4 6 1* 8ˁ 1" 61 - .k1 2+8ˁ5 .0ˁ
4 8ˁ - .: 6ˁ06ˁ,+ -ˁ + 66 98ˁ0+ -ˁ - 1*0 06ˁ+6ˁ *ˁ7 8ˁ6+ 2 8ˁ 504.61 040 06ˁ*0+ˁ
6 3+0ˁ5. 6ˁ 0ˁ.44 ,0 06 ˁ ""0ˁ 0ˁ0/,+ .: 6ˁ06ˁ. - ,.0ˁ 0 5+2" 6.0ˁ50 ,+"+ -ˁ*03+0ˁ71 ˁ
*0 60ˁ *03+0ˁ6+61ˁ *09" 90 0ˁ 0ˁ 51 0ˁ1 60*4 6<,6 ,+ -ˁ1 - * .ˁ,R,+ -ˁ. - 8ˁ 6 050 0ˁ
.+4 .6ˁ*03+0ˁ40ˁ,5* " 8ˁ<$7 " 55ˁ.2ˁ0X+8ˁ5 1,+ .61 2+8ˁ -ˁ60 - 51 0ˁ - 1* 6+8ˁ 6ˁ*1 6ˁ
402+ "0ˁ *1*ˁ + 8ˁ 02+8ˁ5 1"5 E0 0ˁ06ˁ0/ˁ6R,." 1*0ˁ,1* " + -ˁ,.50 0ˁ A. - 3+,ˁA2
4 0.8ˁ 02+8ˁ.4ˁ20""+ -ˁ5. .6 8ˁ .4ˁ ˁ(506 .,ˁ7+ -ˁ,7 0 -ˁ,1*6 ./, .6ˁ - 1ˁ *44
$7 " 551ˁ ˁ$. ".*1ˁ,+ -ˁ *ˁ6 0 - 2+8ˁ06ˁ, , ,ˁ504 6 2+8ˁ 3+ˁ 51 6+ -ˁ&0*0 8ˁ 1,,+ˁ
5. 06ˁ *0,ˁ +,,0 +ˁ,1*.6+8ˁ,. + 6ˁ /51" 6ˁ0140 -ˁ60 - 51 0ˁ"1ˁ504 608ˁ 4+,0ˁA1
.56ˁ + .ˁ *61* ˁ " 1ˁ3+ˁ0.40 -ˁ., " 6.60ˁ(506 .0ˁ51 6+ -ˁ1,,+5.: 6ˁ06ˁ - 51 61ˁ
,+ -ˁ, , , ,ˁ5 04 6 2+8ˁ *4 0.ˁ,0*6+ 1*0ˁ - .: 6ˁ3+0 *ˁ"1,+ -ˁ51 60.ˁ,+ -ˁ $06 +8?
.20"".ˁ.ˁ 0*.6+ˁ - " 8ˁ150 + 6 ,.0ˁ - " 6 .0ˁ06" 0 0C.*.0ˁ5 .0 4 . 1 + -ˁ .05 +?
60*6. 06ˁ9*.: 60 ˁ ,ˁ,0*6+ 1*040 0*40*60ˁ + 6 .ˁ + 6ˁ + 6 .06ˁ + 6ˁA1ˁ .56 6.ˁ
R . .0 .*.ˁ06ˁ 0 , 2ˁ51 6+ˁ *ˁ0140 -ˁ" *+ˁ40ˁ404 6 1*0ˁ 1" , 6.6 8ˁ - " 8ˁ06ˁ
51 6+8ˁJ *+8ˁ3+14ˁ.4ˁ"1,+ -ˁ0/5+9*.*4+ -ˁ61 - 0*6 8ˁ15+8ˁ0 06<3+.0ˁ,+ -ˁ*1*ˁ
7.20 ,6 06ˁ0.ˁ *ˁ4 08ˁ.ˁ . ,0""1ˁ + .ˁ3+0 *ˁ,+ -ˁ + 6 1 0.51" 0" 3+0 .6ˁA1.**08ˁ
*4 0.(ˁ0/50 6. 0*6+ ˁ." 3+16ˁ4 08ˁ *+6 " 60ˁ *ˁ ""1ˁ *+ˁ,1* + - 56ˁ +*6ˁ? *40ˁA1
.56 6.ˁ.4ˁ - 50 .61 0 -ˁ 04 6ˁ 3+ˁ .4ˁD ".:. + -ˁ+* :0 . + -ˁ315 . + -ˁ0/ 00*ˁ
1*, .4.ˁ51 6ˁ4 5"1 1*0 -ˁ *ˁ41 - 18ˁ +2<0 6.8ˁ0/ˁ04 6 1 0ˁ"1,1ˁ,+ -ˁ 0ˁ.4ˁ - 506+ -ˁ
., 0*4+ -ˁ5. .6+6*ˁ1 60*40 ,6ˁ ,." 8ˁ06 . -ˁ."".6 8ˁ51 6 0 - 1ˁ5 .0 4 . 18ˁ.4ˁ404 6 1 ?
*0 -ˁ,1 - 5+" 6< 3+.*3+. -ˁ 0 1*; - +8ˁ.<+ 6 * .*+8ˁ,+ -ˁ, 1 1ˁ504 6 2+8ˁ5.+, 8ˁ
.*60ˁ4 02+8ˁ 0ˁ"1,1ˁ *,"+ "06ˁˁ - 51 6+8ˁ ".:. 1ˁA1ˁ .56ˁ + .ˁ,+ -ˁ"1,ˁ5 .0 ˁ
4 . 8ˁ 04 6 1*0ˁ40 *ˁ 0,056+ -ˁD .5.""+ -ˁ06ˁ(0 6 *+ - ˁ G+1ˁ. 1ˁA1.*ˁ *B
4 0.8ˁJ *." + -ˁ,1*,0 6ˁ+6ˁ,+ -ˁ 2, 8ˁ *ˁ,1 - - +*0ˁ,1* +"0 06ˁ - "%1ˁ *4 0.ˁ 0 ˁ
,. 1ˁ,+ -ˁ: ˁ6 0 - 2+8ˁ3+ˁ(506 .*+ -ˁ" *+ -ˁ 0 :. 06ˁ, *4.ˁ7 *,ˁ *40ˁ + 20ˁ+6ˁ
, 6 .ˁ,0 6. - 0*ˁ,1 - - 0.6+8ˁ *ˁ0. *ˁ - 51 6. ˁ*1*ˁ51 "06ˁ .00ˁ20""ˁ5 *4 5 .ˁ,+ -

Qˁ ˁ ˁ ˁ .09 0

ˁ % $ ˁD 2# * ˁ A - * $ 2 #/ ! ˁ 2ˁ !# # ˁ K ˁ29 ˁ $
Iˁ ˁ ˁ ,66 ˁ 2 ˁ; !#$ Iˁ $ 2 6 ! $ 2 <#!#ˁ ˁ ˁ $ 2; # ˁ; !#$
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&' .09 0 0 06 0*.6+8'"09.608 40,0 * 6 .667.0+ -'?(0*. 09. -' .4 51*6 ,0 6 <.4 .,
) ' . 0 - ' 7 61571 + - '2J1 *. + - ' .4 $7 " 55+ - A1.**0 - 'U(3+. - . - 06 E 091 +* '
4E. 2. *+ - ' .4 + 6 + - ' $1*6 0/ ' .0 . ' ., $7 " 55+8 41"0 0 J2 ' 0 - ' .4 . - .
40:0* "0 4 ,02.*6 ' 0*.6+ *60 - ' - 1* 61 ' +6 - .6+ 0 ,1 - 5 1 - 660 06 ' $7 " 55+8
* 0.40 - ' 4 "" - +".6 1*0 50 0:0 .*8 ' 06 . - ' +6 0/ (, " . . - 0*6+ - ' * + 2 8 + + -
- 51 6. 0 51 "0*6 ' 50 - 6 ' 6 + 6 +8 0*+4.61 .* - 1 * 20""+ - ' 0 ,1* 0* "0
90+0 . " 8 0 6 ' - ."+ "0 3+ 550 0 ' ,+ - ' : 40 06 ,18 ' 3+ ' * + 20 0 .*6 ' .03+.8
,1*4 6 1*08 0,+ . 0 ' +6 ' .*603+. - ' .4 ."60 +8 5 *, 5 8 $7 " 551 - * - 0 . - , ' 5.
6 1, * + - ' ,1* +90 0*6 ' *60 ' 0 ,1* " 90 0*6 ' 3+1 0"" ' 06 * .4 ' ., " +8 51 60. .4
E1*,1 4 . - ' .* - 18 .550""0 0*6 ' ,060 + - ' * 01 + - ' 9 .6 . - ' 4+.8 *.:0 8 + - 0*61
1*+ 6.8, (, " . :0* 0*60 8 ' 3+.8 0.51" ' 06 *+0 .6 ' 4 - 6 ' 3+.0 - .9*1 + + ' <. -
5 150 - 14+ - '12 0 ""8 +0 0 ' 4 'U(0 .:.""0 - ' ,15 .0 * 4 08 A1.** 8 *4 0.0 <+ +
,1*:0* 02.*6 ' 3+. + - '150 .56 6. (5 *1". ,. 60"" ' "" +8 41 - *+8 - 1".6 *. - '2.+4
7 *, "1*90 <+p4. ' 1: + - '1,,+5.H 1: 13+0 . 3+ 2+ 4. - '0/ 155 4.* 8 *: 6.6+8
,15 .8 .4 - 1:06 '3+1 - 1/ 8 E.: 1 .4:1".; 6 .56 6. ' J0 . +8 . 0*.6+ - " 8 ,6
51"" 0+ - ' (6057.*.8 < J ,. 0"". ,+ - ' ,,,, ' 504 6 2+8 ' 6. +6 (5 *1". *4, 0 0, 50 ,
,1. 6+8 6 ' ,+<+8 4 ,0"%+ ,+ - ' J ,. ,"". - 1".6 *.0 0, 5 0*4.0 - +"6+ - ' 1: 1 * '
,1 - - 14.*6 8 ,1* " + - ' ,05 06 '013+0 ,+ - '0/504 6 8 :0* "%06 'E."016+8 (5 *1". '3+ '
6 . ".* ' 0 .6 ' - 1/ :.4.61 ' (, : . . - *0 ' 01 .,,+ 6 1, 8 ".21 .*6 2+8 5 .0 61 + '
6+ *8 ' 3+ ' J ,. 0"". - ' 06 1 ,040 0 ,1 - 5+" 6 ' 2 ' 01 60 - 51 0 *60 ' (0 .:.."" 8 06
1: '5 .0 4 . 18 ' 3+ ' 0 0 1 ' 0 .*6 ' , 02 8 :0" 6.6 1* 2+8 ,0 6.6+ - '5 *, 5+ - '
"09.6 8 + 6 . +6 1 3+0 .2 . - 8 4071 6.*6 2+8 ' 6 ,+ - ' 0*.6+8 ' :0 50 ,+"5 5 1 #
5 1 0 60 6+8 ' :0 - 6 9.6 8 5"02 8 0 1, 0*6 8 .* - 8 .03+ 1 ' * 0*60*6 . - ' . '5 *, B
5+ - '"09.6 8 0 0*4. - ' ,0 6 8 "09 2+8 ,1* 0* 06 ' *12 "08 ' 3+ ' 4+ - ' .4 . - . .47+, '
- 5. .6 '0 .*6 '5.48 0 .6 1*08 0/5060 0 40 - 1* 6 .2.*6 ' <. - ' 02+8 *0 ,0 ". 8 ,1 - '
5. .6 8<,1*4 6 1*08 5 151 6.8 ,,+ .2.*6 06 .*60 1 - * . 2 ' ,.:0 '06 0,+ 6.6 8 ,.+ R
<* (.1*.0 . ,0 - ' * +.8 - .*+8 ,1* 9*. '50602.*6 ' 4 - ."0 7.202.6 51*6 ,0 - '3+ '
'06 9 .: 60 ' 0. 40 0 .5+4 A1 ' *4 0. .'0/51""+".: 6 ' 5 0 06 . - ' - .9*+8 V 6 + .,
4+/ ' .4 3+0 * 20"" '6. - ': , * '5 15 +8 50 ,+"+ - ' 504.2.6 ' .4 0+ - ' 404 6" 60 .8 : 6
S." ' 6 '3+ 2+8 2 '6 .*3+ "" 6.6 8"6." .0 6+4 1 1 40 0/, 6.61 * 05+2" ,. . - , "" - .
50 * , 1 - 1 20""3 41"0 0 60 6.2.6+ '013+0 - .9 8 3+14 40 0. 0 0,+ - '* 7 " ,1 - '
' - +* ,.6+ - ' + "06 < 3+.*3+. - '0<+8 50 ,+"+ - ' .4 *+""+ - ' - .9 8 3+.*:.4 0 12 " - '
60 * : , *+ - ' 50 6 *0 06 ' ,+ - ' :061 : 40.6 . 2 6 ' ,1*4 6 1*08 0,+ . ' 06 5.6 .
5+" 18 20""+ - ' - ." ,'3+. - '5.48 5 151 6.0 ,1* " . 0 6. ' *0,0 6.60 - ' 2 ' - 51* '
02+8 + 8 ,1* +"0*4 ' ' 1 60 .+6 E."" ' .+6 ." ' 0/ "" +8 - 16+8 1,,. 1*0 ." 3+ 4 * '
5+2" ,.0 5., 8 06 $7 " 55 ' 5 +8 0 + - '5 .0<+4 , + - ' - 1" .*6+ ' < 3+14 .*603+. - ' . '
, .6 ' 71 6. ' 5 + - ' +6 ' 3+.*41 5 1 ."+60 ,1 - - +* ' . - . 0 + - 5 "%0 4 ,.6 ' ,1*4 '
6 1* 2+8 12".6 8 .,3+ 0 ,.6 ' *03+0 " 20 6.60 - 3+. '5.6 .0 ."+8 ,1*6 *0.6+ '50 ' . - .
* 4 0 - 0* :1,06 ' ' 4 7.8 " 60 .8 S. ' 412 2+8 0 0 5 6 A1 ' *4 0.8 ' 06 - +"6 8
:0 2 8 ' *<+ .8 06 2 ' 06 5.6 .0 "".6.8 0/.990 .6 ' * 5 - 3+, - 0 - 1 .0 *4 0.0?
+ .0 41 - * ' + ' ,+ '" 20 6.60 - 'E0*+0* 8 0 5+2" ,.'4020.6 ' 5 1 *40 19.6 ' *0 40
0 ' ,+<+8 - .<1 08 0 - 50 ' ""+ 6 " - .0 04 ,0.0 . - " .0 .44 0 +0 +*6 '." . - '3+. - '
- 0 6 8 + 8 4 9*. - '15 * 1*0 - ' ,1*45 .6 ' ,3+0 0/ 6 - 06 ' *+*3+. - ' 0 ' 3+. - ' 4 +
: 6. 06 : 08 +55060*6 ' 5. "+ + - ' +6 .: ' + ' - 0 - 1 . 06 ,+ - ' 0<+8 - 0 - 1 .'5.6 .0
."+8 50 4 61 + - ' ., * 7 " '71 - *+ - ' 0 - 0 6.60 : 1"06+ '06 0/60 *1 + - '74 6 + - '"+ '
4 2 1 0/51*.6+ ' $1 60. ' ,+ - '*12 "08 <. - ' 0 - .9*. *: 4 .".21 . 0 0*6 0*6 ' ,1*B
4 6 1*08 5 151*+*6 ' 3+.8 ' 0*.6+8 .,, 5 .6 ' 0 * ,1 - 5 1 - "+* ' ,1* 0* + 18 40 '
- 1* 6 .*6 ' .0 0 .*6 ' +6 3+. - '4 + ,1 - 5 1 - "%+ - '4+ . 06 ' 2 ' .4 (.5*. * ,,056+8

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' j< ' (! $ 0 $ 2 9 / $ 2C 6 , I 2% , ' 9 ,
2(' ($ 2 '' ! ' 2 ' , $ [22 , !#$ 2 ' . "$

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0 "06 ' 06 . /' *' 0<+8 ' 40 3+1 5. 608 ,1* :0* 0 6 ' - .*+8 *60 0.'6 .40 06+ ' ' +6 5 .0 6 ' &'
4 + - ' 0/60 *+ - ' *' + 20 5 *, 5+ - '"09.6 8 1204 ,*6 . - '5 .0 6. 06 ' 40 4.6.'6+0*4.0 ,+8 ")'
" 20 6.6 8 ' 51 6 0 - ,@ '+6 6161 01 60 - 51 0 "09.6 '5 *, 5+ - '<+8 *' + 20 4 ,0 0*6 ' G+ '
2+8 +"6 .' - 14+ - ' 6.6.'<5"028 ' 06 5.6 0*6 . - ' +. - ' 60*6. ' .6.'3+.60*+8 0 : 6+60 - '
5.6 ' 51 "0*6 ' *' 1 0 - ' 6.6 - ' :0 6+*6+ ' 6.20 - 8 5. - ' ,".+ 8< : /3+,' $7 " 55 '
1 .61 08 ',1* ,+ .*60 .4 . - .' :+"91 '.'50 ,+"1 .2 +0 +*6 ' 5 0 1 1*+8 '3+.*3+. - '
1 - *0 - '150 . - '4. 06 ' +6 2".*4 8 :0 2 8 5"020 - '"0* 06 '6. *' *4 9* 8 - 14 8 7.2 6+8
+ 6 ' *' .04 2+8 06 . - ' + 8 .' + 0*60 :+"91 12 0 "+8 ' +6 516 +8 40 71*0 61 06 6+61
4 ,0 +' 3+. - '40 ,1 - 51*0*4 8 02+8 ,19 6. 06 %.*40 - '04 4+ - ' .' 0* .6+' 5 151 '
* 6+ ' ' 3+1 5"02 ' 408 02.6 ' 00+ .6.8 1 - * *1 ,1*4 6 1*08 ' + - ' *0 ,'3+ 40 - '
5"028 5". ,. 06+ ' *12 "08 +, ,0 "+ - '+ 90*6 ' 06 .56 6.'(5 *1".' ,. 6 .'.4# 1: + - ' *'
3+1 ' 'J ,. 0"".'0 .6 '51* 6 5 4 0 S." ' E412 0 8 ' *' 0/0 , 6+' 0 .*6 .4 ' ' 504 6+ - '
06 ' 03+ 608 '61 - 0*6.' "0/.*4 .'.4:04.'E02 9)' + .0 ,+ . '3+ '0.' :0*4 6 1* 8
6 6+"1 .2 5.*1 5 .0 041 5+6 4.'4 - +".6 1* 0 ., ,05 6 ' .56 ' *60 0.'<+/6.' . - B
518 '"1,+ - ' (5 *1". + - '4 6 1* 8 '3+0 *' 06 4 5+4+*6 ' (":0 60 'U : 0. ' ,+ - 0 '
4 1".*1 04 06 ' 01 .4 5 1 090 - ' - +8 9 *+ +8 02. ' . 1"+8 $."".: , *+8 ' 06
+9+ 6 *+8 (5 *1". ' 04 : 0.' 6.6 - ' 4 - "+8d 3+14 5 1 0/' 04 1".* '<+8 90*6 + - '
01 ,.561 : 1". '4 ,0 06 ' :0 .'5. 60 , , ,' .' 0* .6+' .+/ " 1 12 0 " 8 - - ' .2 - '
2 1" 1 1 - 0"" *1 ' *' .*9+ 6 8 12: 1 .41 ' *' +9. - ' :0 ' +*6 ' 4 4. - *0 - 1/' . 6+ -
'4+,0 A.,12 a ' ".*,1 ' ,+ - '616 40 - '5+":0 8 +" + 0 '5"0* 8 ., , 8 ' *' + 20 - ' * '
6 14+4 8 ' + - ' :061 .: 1 06 $1CC0:0 .'"1*90 - .<1 0 *+ - 0 1 +2 4 .' .4:0* '
0*6 ' 0 ',0 6 1 08 .4 ' *12 "08 .4 ,0 6. - 0*' 0 5. .*6 ' - 506+3+0 .2 .+/ ". 2+8 .4
0. *' 5. 60 - ' 3+. - ' E0 - .* 6+02.*6+ ' .41 '51 6 ." 3+14 ,0 6. - 0* ' *' 3+1 4. - B
*+ - ' * 6 1 ., ,050 0 E0 - .* ' J0" /' 14 1* +8 ' 0" 4 8 61 - 0*6 8 '.4 3+1 + - ' ,+ 61 '
4 . - ' 6.2.6 ' ., ,+ 0*8 5+9*. - ' 0 6 6+ 6 ' 440 - '60 - 51 0 155 4.* '0 +56 1*0 ., '
. 6. ' ,+ - ' 4. - * a ' 05+" ' +*6 ' . - 8 6.*6+ - '0/*12 " 2+8E. 0161 (5 *1".' 06 A.B
,12 a 1 - 0"" *1 ' ' 06 .+/ ". 08 - .9*. - '5.660 *' 6R1*08 ' %."" ' ,. 6 1 + - '5 .0 04 '
+6 1*60 - ' :0 60 0*6 .'60 91 - 50 .*6 8 ' :1,0 - ' - ."0 *60 5 06.6 ' 60 9.' :0 6+*6 <
*03+0 .' +9.' 0:1,. ' 516+0 +*6 ' 3+1+ 3+0 .4 $1CC0:0 . - ' :0*0 +*6 ' 5"0 3+0 *'
6 *0 0 .0 6+' 0/.* - .6 8 ' 3+18 .* ,08 06 .56 6.'(5 *1".'4 +' * 0,+6 ' +*6 ' %+ *'
.4 - 16 8 61 - 0*6 8 + *.' *90*8 04 6. '3+1 ,1* 5041 ' 12 0" ' ,+ - '*+"". - ' .+/ " 1 '
+ - ' 50 - ' : 40 0*6 ' ,7.0"0 - ' *90"+ - 'V' - .*+ - ' 1 + - ' ,+ - ' ." 3+16 155 4. '
* 8 - 66+*6 '3+ '404 6 1*0 - ' *' 7.8 "0908 5. , , .06+ ') 6 J ,. 0"".' ,+ - '5 .0" 4 . 8
. - .6 8 4 - 660 06+ ' : 6.'06 02+8 155 4.*1 66 - ' .": 8 ' 3+ 2+8 06 5 : "09 .' . 6 3+.'
0 :. 0*6+ ' ' 61 - 0*6.' 06 ' - +" ' + - 0*61 1 - 6 ' 50*08 (5 *1". - ' 0 - .*0 0*6
2: 1 . 1"+8 (5 *1".' - 51 6+8 ,+ - ' , , , ,'5 .0 4 1 ' 1/' #&.4+ - ' - 1 A1
.56 ' Ì E0*6 " ' 0,056+ - '< 06 "1,1 - 51 6+8 (6057.*+8 ' 0*6+ 1 ,+ - ' ' ,"1550 '
6. 8 ' 04 6+ - ' 06 E.: + - ' 'J0 . a ' *' . ,0 - ' 6+' - +* 6 - . - ' 0 0, 5 0*60
1*6 .' 0*.6+8 ' - "2 0 1*; - '2$0"0 .*1 ' '(506 . - ' + 6 .'60*6.6 ' *0,' 0" , 1 '
+ 6 6*. ,7 1* 8I .4 " .* ' +, ,0"%+8 ' 3+ ' ,+ - ' , , , ,'U $ 9*1*0 - '.99 0 "+8 ' *40
,+ - ' 4. - *1 05+" +80 6 ' .6 '& .*+ - ' 3+14 .2 54 0.' 0*6+ 1*0 60*02.6+ ' .'
$06 1 .20"". '3+. - ' : 8 +"6 1 4040*6 2+8 0 155 4.* 8 ' , +40" 60 '4 056+ - '0 6 ' %.*B
40 - ' 4 - ' . ,0""+8 + .' ,+ - '*1: 8 40"04 2+8 - .,7 * 8 '06 20"" ,1 .55. .6+' 0. '
51" ' :0*6+ 8 0/504. 06+ ' 06 ,+ - ' 8 40 ,. 6 8 <+/6.' + 20 - ' - +* 0*4 8 J *." ' ,1* '
+"6. 06+ ' 69.61 + - ' *60 :0*6+' * 4+, .0 *' '('4 08 5.4.0 +*6 ' +2 *0 - ' 412 8
0/ 6+ .0

% 7 52 ($ 2- & ! ' ' $ 2 " 4# I " $ 2 !$
> ' $ 2 # ! $ 29 ,$ ' !# '(' ' !$ ' # ! . $ " ' ' " $
E CC' S >> $ 5
' 1 ' < < <

$. ˁ .$

&ˁ0/ 6+ .0ˁ ˁ +2+8ˁ +2 , 5 060ˁ A2ˁ .56 # 0 , . - 8ˁ 0*04 4+8ˁ 2ˁ (5 *1". ˁA.,12 8ˁ

) ˁ= ˁ 90 ˁ (6057.*.8ˁ ˁ$ *0""+8ˁ . 671"1 - .0+8ˁ 1 - 4" *+8ˁ A1ˁ .56ˁ (5 *1". ˁ *61B

* .8ˁ0ˁ(0 . ˁ06ˁ" +,.8ˁ ˁE **."4+8ˁ0.0ˁ40 *ˁ 0*.6+8ˁ40, 061ˁ,1* - .6.0ˁ< *ˁ3+1ˁ,+ - ˁ

$7 " 55 ˁ6.*3+. - ˁ5 .0, 5+ˁ 0 5+2" , .0ˁ40 0* 1 8ˁ - 0*6 1ˁ .4.ˁ0 06ˁ * 6 1ˁ "09.6ˁ

X" .0 . 0ˁ +2 , 20 0ˁ 0,+ .2.*6ˁ< :0 + - ˁ 4ˁ *60 5 06.6 1*0ˁ - 1"" 6+ - ˁ 6.ˁ+6ˁ*+""+ - ˁ

0.ˁ 0ˁ - 50 1ˁ5 .0<+4 , + - ˁ .4+ - ˁ *60"" 90 06+ ˁ ˁ

ˁ + ˁ *01 +*6ˁ06 1 1*+8ˁ *0ˁ60 - 5+8 2ˁ50 06ˁ50ˁ *4+, .840ˁ ,1 - ˁ

5 1 - "ˁ ,1*4 6 2* 2+8ˁ 40" 20 . 06ˁ , . +8ˁ *60 :0* 6ˁ3+ˁ 0 - 5+2" , .*ˁ06ˁ *12 " + - ˁ

1 4 *0 - ˁ3+1 + - ˁ 08ˁ *ˁ 01ˁ *0916 1ˁ 5 .0, 5+0ˁ .902.6+ ˁ5.0*0ˁ .4ˁ 40 50 .6 1*0*ˁ

.409 6ˁ . 1"+8ˁ:ˁ .0 . ˁ,+ - ˁ40ˁE0*+. ˁ+6ˁ 02+8ˁ + 8ˁ,+ - ˁ - +"6.8ˁ12ˁ,.+ .8ˁ6+ *ˁ *ˁ

5 - 8ˁ .4ˁ 6 .* 51 6.*4.8ˁ 0/ˁ 5.* .ˁ *ˁ 6." . - ˁ,15 .8ˁ1551 6+*. ˁ *ˁ51 60 + - ˁ ˁ

- .*4.ˁ06ˁ. ,0ˁ *ˁ0.ˁ * 6.+ .*4.ˁ,19 6. 06ˁ*+"" 8ˁ .6 1* 2+8ˁ*0,ˁ5 15 1ˁ3+ 4, - ˁ50 ˁ

,+"1ˁ60 61ˁ + .0ˁ50 +.40 0ˁ516+ 6ˁ+6ˁ. ,0 - ˁ+ 2 ˁ71,ˁ0 6ˁ<+9+ - ˁ5.6 .0ˁ - 51*ˁ

5.60 06+ ?ˁ 6.3+0ˁ." . - ˁ 2ˁ, : 6.6 8ˁ .0*.*4.0ˁ *0+*4. - ˁ .6 1*0 - ˁ6 / 6 - .: 6ˁ5 +ˁ

40*6 6 - +8ˁ 5 *,058ˁ 0. - 3+0ˁ 156 - . - ˁ<+4 , .: 6ˁ 6ˁ E0*+0* + - ˁ 50,+* . - ˁ 3+.ˁ

0 0ˁ ""1 + - ˁ1508ˁ,1* 6.*6ˁ9 .*40ˁ 10*1 0X . ,0 06ˁ" 0ˁ0* - ˁ2 0:ˁ 1 0ˁ+6ˁ71 - *+ - ˁ

3+.0 6+8ˁ4+",04 70ˁ ""041 + - ˁ1508ˁ 0* 6 - ˁ .4ˁ 0ˁ,1*6 .70 06ˁ06ˁ 6.ˁ+ 20 - ˁ *ˁ. , 0ˁ +1ˁ

71,ˁ0 6ˁ, : + - ˁ 6+4 .ˁ *ˁ5160 6.60ˁ7.20 06ˁ .ˁ. 60ˁ,+ - ˁ0 9.ˁE0*+0* 0 8ˁ + +8ˁ 0 "06ˁ

. 1"+8ˁˁ5.6 8ˁ :0 6 9 8ˁ * 60*8ˁ $7 " 55+8ˁ 06ˁ 0"9 ,1ˁ 20""1ˁ .4ˁ 3+14ˁ 4. - *1 8ˁ

+ - 56 2+8ˁ15+8ˁ0 .6ˁ - 5" , .6+8ˁ0/ˁ0.ˁ1, , . 1*0ˁ *90*60 8ˁ + - - .8ˁ.ˁ*12 " + - 5 .0B

, 5+0ˁ 1 4 *0ˁ0 - +*/ 6ˁˁ5 1ˁ3+ 2+8ˁ *90*60 8ˁ5. 60ˁ+ + .8ˁ50* 6.2.6ˁ40 6 *.6 8ˁ .4ˁ

0.8ˁ0/ 1":0*4.8ˁ5 .0, 5+ 8ˁ *4 . + - ˁ06ˁ 5.* .0ˁ:04 9." 2+8ˁ + .ˁ:0 1ˁ *ˁ5+6.*ˁ

4 8ˁ+ + . + - ˁ .6 1* 2+8ˁ0 .6+ - ˁ0 "0ˁ06ˁ, .",+"ˁ0 1 0 - ˁ,1 9ˁ 4020 0ˁ,1*60*40 06ˁ

+6ˁ ˁ - .<1 08ˁ3+. - ˁ4020 0*6+ ˁ+ + .0ˁ50 1"+6.0ˁ0 0*6ˁ0.0ˁ *ˁ 2 60 - ˁ - 5+6. 0*ˁ

6+ ˁ *60 - ˁ50* 2*08ˁ0 8ˁ. 6 9*.6.8ˁ40, 061ˁ +2ˁ 4ˁ60 .5+8ˁ *ˁ 5.* .ˁ5+2" , .61ˁ

+2 3+0ˁ 0:1, .: 6ˁ .ˁ 0ˁ *1*ˁ 1"+ - ˁE0*+.0ˁ 04ˁS1 - .0ˁ8ˁ&0*06 8ˁ 04 1".* ˁ

+94+* ˁ 161 - .9 ˁ *6+0 5 .0ˁ06ˁ5"0 3+0ˁ *ˁE0 - .* .ˁ"1, 8ˁ1 - *08ˁ. 90*6. . - ˁ

0/0 ,0*6 + - ˁ .6 1*08ˁ".20 .4.6.0ˁ +*6ˁˁ5. + - 3+0ˁ.2 + 6ˁ3+ *ˁ - 0* . ˁ5. - ˁ, 0ˁ

4 61 2+8ˁ + 8ˁ 40,1/0 *6ˁ G+14ˁ .ˁ$7 " 551ˁ .46+ - ˁ :0ˁ+6ˁ*12 "08ˁ3+ 2+8 ." 13+ˁ

*1, ,+"61 .:02.6 . 40*6 2+820"" 41 - 0 6 , * 6 8ˁ0/+"6.*60 8ˁ06ˁ<. - .03+.8ˁ,1* ˁ

4 6 1*08ˁ 0,+ .*60 8ˁ *ˁ1 4 *0 - ˁ,19 06ˁ :0ˁ+6ˁ, .56.6.ˁ1, , . 1*4ˁ0/ˁ5+2" , .ˁ, ."., - ˁ

6.60ˁ5 : .6+ - ˁ ,1 - - 14+ - ˁ . ,0 06ˁ< 3+ 550ˁ, + - ˁ 0 .ˁ . 1* 2+8ˁ 05+2" , .ˁ3+. - ˁ

3 06 8ˁ 02+8ˁ.03+ 1 08ˁ 0ˁ.ˁ, 04 61 2+8ˁ + 8ˁ,1*4 6 1*08ˁ".6+ + - ˁ 50 . 06ˁ 12 "08ˁ

0 91ˁ3+ /<. - ˁ+"62 .8ˁ5 1:04 0ˁ0 .*6ˁ3+. - ˁ+6ˁ 6ˁ 08ˁ. - ,0ˁ,1 - 51*ˁ *1*ˁ51 0*6ˁ

510* 60*6 .0ˁ"1,+8ˁ0 "06ˁ + - - 150 0ˁ.* - ˁ.*902.*6+ ˁ3+18ˁ6. - 0*ˁA1ˁ *4 0.8ˁ

3+.*6+ - ˁ5160 .6ˁ.+41 6.60ˁ +.ˁ,1* - .2.6ˁ< 06ˁ51 6ˁ,+ - ˁ1 - * .ˁ) - - .ˁ . , 02.6ˁ

A1ˁ .56ˁ 0 , . +8ˁ +6ˁ *ˁ".+4.2 "ˁ6+0*4.0ˁ " 20 6.6 8ˁ5 151 61ˁ 50 0:0 . 0*6ˁ*0,ˁ

4 ,+"6.6 2+8ˁ +"" 8ˁ4060 0 0*6+ ˁ3+1ˁ - *+8ˁ *ˁ6. *ˁ<+ 6.ˁ, .+ .ˁ40 0*40*4.ˁ50 90ˁ

0*60ˁ *1*ˁ40 +6+ .8ˁ1508ˁ - 141ˁ*0ˁ.* - 8ˁ40 ,0 0*6ˁ*03+0ˁ 2ˁ 5"8ˁ *ˁ60 - 51 0ˁ

6. *ˁ*0,0 ". 1ˁ400 0*6ˁ *ˁ0. - ˁ0 - ˁ - +"6.ˁ5 1: .ˁ "ˁ6.6 - ˁ *ˁ 5.* . - ˁ3+ˁ

, , ,ˁ.+ 01 + *ˁ, 1ˁ.ˁ$7 " 551 ?4+ - ˁ, .",+"+8ˁ .6 1*+ - ˁ * 06+ ˁ - +6+1ˁ + - 0 0*6ˁ

:0 + - ˁ 0 .ˁ0.ˁ +2 4 .ˁ +0 0ˁ.2ˁ." 0*1ˁ. 2 6 1ˁ50*40*6 .ˁ< 06ˁ.2ˁ0 8ˁ40* 3+0ˁ3+ˁ<. - ˁ

++ - ˁ 051 00*6 2+8ˁ40*09.2.* ˁˁ A1ˁ .56 6.0ˁ (5 *1".0ˁ06ˁ J .*, 0ˁ 0 , . ˁ3+ˁ

08ˁ +.8ˁ.2ˁ 5.*1 + - ˁ 02+8ˁ 05. .6.8ˁ7.202.*6ˁ+6 " 1ˁ,1*.6+8ˁ + 6ˁ< 3+ˁ 04 1".B

*+ - ˁ5 1 04ˁ ˁ.+ 01 + - ˁ, 1ˁ 740ˁ 06+"0 +*6ˁ *00ˁ - *1 0 - ˁ + - - . - ˁ0140 - ˁ60 - B

51 0ˁ +, .0ˁ 06ˁJ"1 0*6 .0ˁ,1 ."%6ˁˁ(5 *1".ˁ&."0*6 *+8ˁ - .9*1 3+0ˁ .* - 8ˁ 0, 6ˁ

12 " 2+^ - . 1. + - ˁ*12 " + - 3+.0J *." + - ˁ - . 618ˁ5 1 0,+6.0ˁ +0 .*6 .A., 6.8ˁ<

ˁ ˁ ˁ 3+.0

ˁ % $ ˁA2 ˁ 52 ! $ 2 ˁ% $; ! $ 7ˁ $ ˁ9 " $ 2 " 2

"2 ! ˁ0 ! ˁ _ˁ - ! ,)ˁ ˁ)ˁ < ! 2 ,10*1 - *.61ˁ !6ˁ1ˁ ˁ !6 #$

' /% $)ʿ ʿ &ʿ '

3+.0ʿ 90-7..8ʿ 06ʿ 5 - *0 -ʿ - +*4+ -ʿ - +" 02 0 -ʿ 5 06 1 +*ʿ +"6 1ʿ *ʿ 20""ʿ + - 56 "8ʿ &ʿ
126+"0 +*6ʿ *60 0.ʿ 1 1*+8ʿ 01 - 5 1*. "+*ʿ + 902.6ʿ 0. - 3+0ʿ 12ʿ ,.+ . -ʿ .4ʿ ' # ʿ ʿ
*4 0.*ʿ + 3+0ʿ .4ʿ .ʿ $06 .*+*ʿ 5 1,0660 .6 +6,+ -ʿ 5 12ʿ A1 .56 0 ,. 1ʿ (":0 12ʿ
.6.*01ʿ $7 " 551ʿ (5 *1".ʿ 06ʿ *6ʿ (0 .ʿ 40"09.608ʿ 40ʿ 05+2" ,.ʿ ,.5 6.ʿ ,1* 0 06
0p ʿ ʿ +ʿ ʿ *ʿ 01ʿ 1*6ʿ .55060*60ʿ ,1 - 6 1 + -ʿ 60 - 51 0ʿ 08ʿ 3+ 06 1 08ʿ 3+. - 5 ʿ
.2.6+ ʿ +0 0ʿ 06ʿ - .9*1 ,1* 0* 1ʿ , 6 .ʿ 6+ - +"6+ -ʿ , 0.6+ ʿ 4+/ʿ $ 1"50ʿ J.6 **. 1ʿ
6 +8ʿ ' 3+1ʿ *ʿ : 1ʿ . .ʿ 5 +40*6 .ʿ ,+ -ʿ .* - ʿ - 140 .6 1*0ʿ ,0 6.2.6ʿ *ʿ 0<+8ʿ *.+9+ .ʿ
6 1*0ʿ +6ʿ 6ʿ "1*90ʿ 0"09.*6 " - . -ʿ 1 .6 1*0 -ʿ 7.2+ 6ʿ ʿ 04 ,+8ʿ J., +8ʿ 3+.ʿ 0+ - Ⅲ.4ʿ
1 6 60ʿ ,.50 0*4. -ʿ 0 - 5+2" ,. - ʿ "0908ʿ 5.6 .0ʿ 6+0*4.8ʿ " 20 6.60 -ʿ ,1* 0 :.*4. -ʿ
06ʿ <+8ʿ .03+.2 "0ʿ *60ʿ , :0 8ʿ ,1* 6 6+0*4+ - ʿ 71 6.2.6+ ʿ ' *+"6 8ʿ :0 2 8ʿ . - 2 6 1*0 -ʿ
5.+,1 + -ʿ 4060 6.6+8ʿ 3+1 + -ʿ * .6 .2 "ʿ ,+5 4 6<60ʿ .6ʿ +6ʿ 5+2" ,. 3+ 08ʿ *ʿ 05+2" ,.ʿ
,1* 6 6+ ʿ *1*ʿ 51" 6ʿ ʿ 43+0ʿ - ./ - 0ʿ %. 906ʿ +6ʿ 40ʿ 20""ʿ 06ʿ 5.48ʿ *0916 (< 3+.0ʿ)*ʿ
:0 18ʿ 0 5 , +*6ʿ *1*ʿ *ʿ 5 :.6 8ʿ ,1* 0 6 +8ʿ "04ʿ *ʿ - .9*1ʿ ,1*, " 1ʿ 40,0 *.6+ ʿ < *ʿ
3+ 2+8ʿ " 20 + -ʿ 6ʿ 0*.61 2+8ʿ + 1ʿ 06ʿ 5 +40*6 .ʿ ". 8ʿ 08ʿ +6 *3+0ʿ .9 6. 0ʿ 06ʿ 0*60*ʿ
6 . -ʿ " 20 0ʿ 4 ,0 0ʿ < ,060 +* 0. + -ʿ 40, 1ʿ +* :0 1 + -ʿ + J .9 8ʿ 50 - 66.6+ ʿ G+.0ʿ
1 .6 1ʿ ,+ -ʿ 5 :.6 8ʿ)60 8ʿ *60ʿ 5"020 18ʿ 5. .ʿ ,+ -ʿ *1:18ʿ - 16+8ʿ *ʿ :+"9ʿ .* - cʿ .,ʿ
,0*4 ",6ʿ 5. + -ʿ 08ʿ .ʿ *1:1ʿ 6+ - +"6+ʿ .2 + 6ʿ 1 1*1ʿ 40ʿ 1*,1 4 .ʿ 40 50 .*60ʿ 06ʿ 71ʿ
*0 6. -ʿ 4 ,040*4ʿ 1,. 1*0 *ʿ 3+.0 0*60ʿ *40ʿ 06 . -ʿ A1ʿ *4 0.8ʿ ,1* " + -ʿ ,05 6ʿ
40ʿ A$1 6+ *1ʿ 1,,+5.*41ʿ 3+1ʿ 0,056+ -ʿ 6+6+ -ʿ ,". ʿ 7.20 06ʿ *0916 1ʿ 4.61ʿ .56 6.0ʿ
(5 *1""0ʿ +6ʿ ,+ -ʿ ʿ E0 - .*1 + -ʿ , 1ʿ E.: .*. -ʿ . ,0 - ʿ 3+. -ʿ 0*.6+8ʿ .47+,ʿ 60*0ʿ
2.6ʿ 0/5+9*. 06ʿ &0 + - ʿ *1&ʿ 5 *, 5 8ʿ 5.4ʿ .4 - 14+ -ʿ 6+40*6 8ʿ *60 :0*6+ʿ 5".,.6 8ʿ
5"02 8ʿ .* - 8ʿ 6.*40 - ʿ /ʿ S."ʿ 1:0 - 2 8ʿ *ʿ - .9.2ʿ ,1*, " 1ʿ ,1*4 6 1*08ʿ 50 , ʿ
2+*6+ ʿ 3+ 2+8ʿ 5"0*.ʿ 5160 6.8ʿ 5 *, 5+ -ʿ "09.6 8ʿ 02.6ʿ ,1* - .*4 ʿ ,1 90*4 ʿ 60 *?
50 .*4 ʿ - +6.*4 ʿ .440*4 ʿ 406 .70*4 ʿ .,ʿ 40* 3+0ʿ 1 - * .ʿ .40*4 ʿ 3+.0ʿ 0/ʿ + 1 0 ʿ
5+2" ,.0ʿ 0 ʿ .03++ -ʿ <+ 6+ - 3+0ʿ 0/ 6 - . 0*6ʿ < 7.,ʿ 6. - 0*ʿ .4<+*4.ʿ ,".+ 1".ʿ .":.ʿ *ʿ
1 - * 2+8ʿ 0 5+2" ,.0ʿ)20 6.60< 06ʿ ." 8ʿ ,+*4 8 3+.0ʿ .*60.ʿ , .5+"1 0ʿ .551 6.ʿ +0 .*6 ʿ
0 04 8ʿ 1*4 6 1* 2+8ʿ ,.+6+ -ʿ 0 .6ʿ +6ʿ "09.6ʿ "1,+ - ʿ 3+0 -ʿ :0""0*6ʿ 0/6 .ʿ 0 5+2" ,.0ʿ
60 61 + -ʿ .4ʿ ,3*:0* 0*4+ -ʿ 40" 9, 0*6ʿ ' //ʿ 12 408ʿ .2ʿ +6 .3+0ʿ 5. 60ʿ 4. 0*6+ ʿ 61 ʿ
6 40 -ʿ 40"09.6 ʿ 3+ ʿ "09.6 8ʿ . 40 0*6ʿ ,.)6+ - 3+0ʿ +6ʿ *6 .ʿ 1:0 - 2 0 -ʿ . 2 6 ʿ 0*ʿ
60*6 . - +*. -ʿ 0+ʿ 5"+ 08ʿ 0 0*6ʿ ' 3+14ʿ 60 - 5+8ʿ 5 1 19. ʿ 0/ʿ 5. 6 + -ʿ ,1* 0* +ʿ 51 "06ʿ #
* 7 " *60 -ʿ 71 6 "0ʿ 60*6. 06+ ʿ 06ʿ)6 *3+0ʿ ,15 .0ʿ 4 - 660 0*6+ ʿ *60 :0*6+ʿ "09.ʿ
61 + -ʿ 9 .6 .ʿ 12ʿ 9 .: " - .ʿ 06 . -ʿ , - *.ʿ 5.6 .5+" 8ʿ , : 2+8ʿ - 506 . 06+ ʿ 5+6.62ʿ
60 - 51 0ʿ .ʿ S."ʿ .**ʿ ʿ + 3+0ʿ *ʿ 714 0 *+ -ʿ 4 0 - 6ʿ 3+.0ʿ *12 "08ʿ "1,.ʿ 60*0 0*6ʿ
,.+ 3+0ʿ .4ʿ 0*60*6 . -ʿ ".6. - 0 5+2" ,.0ʿ *1 - *0ʿ 60*0 0*6ʿ 1 - 56+8ʿ +6 *3+0ʿ *ʿ
20""+ -ʿ .418ʿ 5 ʿ 3+ ʿ 018ʿ 0, 0*6ʿ "+0 0*6< *0,ʿ ."60 .ʿ 5. 8ʿ ."60 +8ʿ 1*0 2+8ʿ 9 .:.ʿ
06+ ʿ 6 0*60*6 .0ʿ .ʿ "09.6 8ʿ , 0*4.0ʿ ". 0ʿ +6 .3+0ʿ 5. 8ʿ 60*0 06+ ʿ ʿ 06ʿ ʿ 3+ ʿ *60 ʿ 018ʿ
- 504 - 0*61ʿ ," 0*6ʿ 3+1ʿ - *+8ʿ 0*60*6 .0ʿ 5. 0 06+ ʿ 01 + -ʿ *1 - *.ʿ +6 *3+0ʿ 040ʿ
0*6+ ʿ " 8ʿ - 1/ʿ .ʿ *12 " + - ʿ 3+ʿ UJ *." ʿ 0 .*6ʿ ,1""09 1ʿ ,1* - .6 8ʿ "09.6ʿ ʿ . ." + -ʿ
ʿ 1 6 .60* ʿ 5 *, 5.6+E+ 0" - E1*C.9.0 . 6+.0ʿ 4+, 8ʿ ,+<+8ʿ ""+4ʿ 0 6ʿ "1,+ -ʿ
.4ʿ ,1*:0* 0*4+ -ʿ 40" 9+*6ʿ 3+1ʿ 06ʿ 40"09.6ʿ .2ʿ +6 .3+0ʿ 5. 60ʿ :0*0 +*6ʿ %+ - 4 ʿ
- .0ʿ .ʿ 0*.6+ʿ 6 + ,.0ʿ 15 .0ʿ 3+ 2+8ʿ 671ʿ 8ʿ 1*6.,+6+8ʿ 5 .00 .6ʿ 1 ,.0ʿ : ʿ
, " - ʿ 3+.8ʿ .56 ".ʿ (5 *1".ʿ 06ʿ E01 9 +8ʿ + .ʿ 7.202.*6ʿ A1.** 8ʿ *4 0 0ʿ <* "+ʿ 4 ʿ
< ".0ʿ 1*6ʿ < E0 - .* 8ʿ 060*6 8ʿ 3+ ʿ "1,.ʿ 3+.0ʿ 0,+ 6.6 8ʿ ,.+ .ʿ *12 " 2+8ʿ 50ʿ ,1*4 B
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8 , 0.*4 8 40 *,058 +6.*6+ ' G+ 2+8 .4 8 ' "09.6' 7 *,' *40 4 :0 ' .2 0 +*6' 0 '
5+2" , .' <. - ' ,1*,1 8 - 1/' "09.608 .4 5 *, 508' 9 .6 . + .' .90*4. + - ' , .+ .' 5 1' 6. *'
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*1". - ' .4 .0 . 3 - ' A1 ' .56' 0 , . + - ' .4 $7 " 55+ - ' 3+ ' 06 + - ' 01' 40 0:1, .6 8
50* 1* 2+8 04+"1' 09 6 ' 3+.' 0' 0,+*4+ - ' 6+ - +"6+ - ' <. - ' 15 6+ - ' *1*' - 04 1, 60'
6+ 2.6. ' 08 E0*+0* + - ' +0 0 M%561' 3+.4 0** 1 ,+ - ' 50* 1*,8 0:1, .6.0 + "0*6'
' 0/. 61' ,+ - ' 5 .05160*6' 5 *, 50' ,+<+8 0/' . 2 6 1 . ,' *+6+' 08 E0*+0* + - ' 50*'
402.*6' 6.*40 - ' ,1*:0*6+ - ' +6 .6 1*08' *1:.0 3+ 40 ' 40*+1' *1*' * 0*6+ ' 3+14'
.2' * 6 1' + 902.*6 5.* ' ' 3+1 , . +' 50,+* . + - ' 1 - * + - ' 5 .0 0*6' *+ - 0 .6 1*,'
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- - .* 6.60- +- -., 5 6. 0E0*+07 2+8 63"0 .2 "0 + 6 &0 +- . 5" +8 "" 8 .
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,040*6 ' .**1'12 0/60 *1 + - ' .4'A+2 ".0 ' ,0"02 6.60 - ' +* '
4 3+0' ,1* "+0*6 + - ' 03+0*6 . - ' ,+ - ' ,105 06@ 71,'40 '
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, 1 / : ' 6." . - ' . " / 6 ' 06' E ."" ,+ - ' 0/0 , 6+ - ' 4+, '
.+6 0,1' 0.51" - ' - " - ' .4' *60 *0, 1*0 - ' 40"0: 6'
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3+14ʿ "" 8ʿ *: 40 0ʿ51 "0*6ʿ A. -ʿ.*60ʿ50 ʿ616+ -ʿ1 0*60 - ʿ0/ʿ3+1ʿ&0*06 .8ʿ,1*6.9 1ʿ
-51 6. ʿ516+ 6ʿ01ʿ - 1 21ʿ".21 .6+ -ʿ +0 .6ʿʿ06ʿ - + .6708ʿ5 *, 5.6+8ʿ * 6 .ʿ5, 60ʿ
* 0 6.ʿ7.2+ 6ʿ0.3+0ʿ 0ʿ20"" ,ʿ,1*.6+8ʿ "" +8ʿ 06. 4.6ʿ +*6ʿ ʿ 0 ".*.0ʿ :0 1ʿ *ʿ (, ".ʿ
.4ʿ / ʿ.* - . + -ʿ, 5ʿ0.ʿ"+08ʿ.2 + - 5 6ʿ 6.ʿ+6ʿ + 28ʿ5.0*0 4ʿ 1" 6+4 *0 -ʿ" 6ʿ 04.4".ʿ
3+1ʿ0/ʿ,. + - .<1 ʿ - 06+8 *,0 " 6ʿ *0%+ , ʿ5 .6.0ʿ1,,. 1*0ʿ ,.56.6.ʿ *ʿ *"+". -ʿ06ʿ
: , *. -ʿ1 . -ʿ0/ ,0* 1*0 *ʿ .,0 0*6ʿ ,+ʿ - ."1ʿ +6ʿ5 .0:0 60 06+ ʿ$7 " 55+8ʿ - 1ʿ
. ,1ʿ *6ʿ 1"+ - *. ʿ3+ʿ(, " .0ʿ,+ -ʿ + - - 1ʿ - 50 1ʿ5 .00 06ʿ*1:18ʿ40"0 6+8ʿ7. ʿ
20 ʿ - .*4.: 6ʿ06ʿ ":. + -ʿʿ . ".*+ -ʿ .*4.0ʿ, +, 8ʿ - . ,7 1*0 -ʿ,+ -ʿ,".''%0ʿ / / / : ʿ
6 0 - + -ʿ *ʿD ,. -ʿ40 ,0*40 0ʿ<+ 6ʿ)6ʿ60 1 0ʿ +ʿ, ,+ -ʿ 5. 1ʿ%+ ,18ʿ.2ʿ0/ʿ
,+ 1* 2+8ʿ.:0 60 06ʿ 8ʿ:0 1ʿʿ 0 , * 6 40 -ʿ *)". -ʿ *ʿ ""1ʿ" 61 0ʿ *9 0" +8ʿ.24+4 8ʿ
4*ʿ ,.56 : 6.60 -ʿ." 3+16ʿ .+ 8ʿ *+""15 .060 0.ʿ150 0ʿ .41ʿ 0.51" - 04 6ʿ 3+1ʿ
- 1 /ʿ.55+" 6ʿ<+:0* 8ʿ3+ 4. -ʿ "20 ,+8X 1 .ʿ*1 - *0ʿ,+ -ʿ2 0 - 0ʿ%+ , ,.ʿ9+ ʿ3+. ʿ
4 0** 1ʿ<<*60ʿ.ʿ%+ , 8ʿ,.56+8ʿ0<0 .6 8ʿ ., 8ʿ 7 6 .* 8ʿ .7+ - 06.*.0ʿ5 .: 6.6ʿ*1B
- 0*ʿ4040 .6ʿ06ʿ6+*,ʿ .4ʿ *18ʿ0 1 8ʿ +ʿ50 6.0 +8ʿ6 .*8 +9 6ʿ ,1 - - 14 6.60 -ʿ. .4+8ʿ
4+ - 9 . +8ʿ 2 0 - + -ʿ5 .0 04+8ʿ 4ʿ3+1ʿ - *+8ʿ71*0 60ʿ4 "902.6) ʿ .2ʿ ʿ)"+C." ;ʿ
3+ʿ.47+,ʿ *ʿI 0901ʿ7.0 02.6ʿ0/5"1 .6+ -ʿ - "%+Iʿ"1*90ʿ .ʿ 0" 3+.ʿ,".",ʿ0/,+ 0 06ʿ
%+*,0* - ,1* " 1ʿ,+ -ʿ,.56 : 8ʿ 7 6 .* 8ʿ,1 - - +* ,.60ʿ . " + - 1 - *1 05+"6+ -ʿ
1,0+5.6ʿ06ʿ1,, 1ʿ01 0 - 908ʿ 1": 6 .,ʿ,060 18%+ ,18ʿ3+ʿ *ʿ2 0 - 0ʿ0 .*6ʿ ., "0ʿʿ
*ʿ5160 6.60 -ʿ 0409 6 ʿ 7 "ʿ6. - 0*ʿ,0 6ʿ 8ʿ40ʿ71 6 + -ʿ,1* " 8ʿ.66+" 6ʿ 04ʿ6.*6+ -ʿ
:+"9.6.ʿ *60ʿ 018ʿ3+. "ʿ)"+C." 8ʿ .4ʿ 0" 6. -ʿ0/ 00* 61*0 -ʿ .4+ +8ʿ0 "06ʿ :0 + - ʿ
. - .0ʿ2 0 - 8ʿ,. +ʿ,+ -ʿ)"+C." 8ʿ 7 6 .*18ʿ.4:0*6+8ʿ +ʿ00 6 1 08ʿ .408ʿ06ʿ *ʿ. - 8ʿ
+2 3+0ʿ0 0ʿ" 2ʿ50 +.40 06ʿ * 7 "ʿ01ʿ.**1ʿ60666.: 6ʿ3+14ʿ.4ʿ& *ʿ.50 6. -ʿ ., 0*4. -ʿ
.6 8ʿ: + -ʿ50*08ʿ 0ʿ*1*ʿ7.20 06ʿ06ʿ12 1 .0ʿ6 .*8 +9 + -ʿ -0 6aʿ4+2 6. 06ʿ+6ʿ,1* ʿ
" .ʿ. 6+ʿ 5 1,040 0*6ʿ *1 6 1 3+0ʿ - 5. .618ʿ155 - 0 0ʿ 51 06ʿ %.*6+ -ʿ 3+ 4. -ʿ
%+ ,ʿ.ʿ,". "0ʿ 400 .*608ʿ,+ -ʿ *ʿ ." .2 .ʿ<+/6.ʿʿ% 02 ., . -ʿ0/ 00* 1*0ʿ .4.ʿ4 ʿ
,+ 40*6ʿ.ʿ ,1".1 0 *. 4 *1ʿ(.* 0:0 *1ʿ * .*ʿ5 *450ʿ3+ * / 03+ 608ʿ06ʿ
616 40 -ʿ ,"15506. 18ʿ.2ʿ03+ 6 2+8ʿ *ʿ03+18ʿ. "+6*5618ʿ 0,+ -ʿ7.202.6ʿ *60 ,0560ʿ.0ʿ
,.0 ʿ +*6ʿ.4ʿ ʿ,.56ʿ, ,R0 ʿ ʿ ʿ*+*, +8ʿ06ʿ 0, 6ʿ,+ -ʿ *,0 6+ -ʿ0 06ʿ3+1ʿ)"+B
C." 8ʿ60*40 06ʿ+6ʿ&0*06 ʿ06 ʿ,1* 6. A60ʿ,+ -ʿ%+ , 8ʿ5.,0ʿ V 06. -ʿ*1:1ʿ5 .0 4 1ʿ
)2ʿ - +* 0*4. -ʿ0/ 6 - . 0*6ʿ*0916 1ʿ4.61ʿ(1 , .0ʿ$."".: , *1ʿ+6ʿ *ʿ, 1ʿ504 6+ -ʿ
,1* 0 20 06ʿ3+1 + -ʿ4+,08ʿ4, 69*.6ʿ%71 - .8ʿD 1* 6.*6 +8ʿ E0 - .* ,+8ʿ2ʿ(.:1 ʿ
* .*+8ʿ.ʿ(2. . 03+08ʿA.,12+8ʿ .".60 6.ʿ06ʿ - . ,7 1ʿ .*91* +8ʿ06ʿ+* :0 1ʿ504 ʿ
6.6+ʿ - 51 6+8ʿ 0 :"1 06+8ʿ .".20

ʿ' ʿ,+ 8ʿ .* / . -ʿ 1 - . -ʿ*1*ʿ - *+8ʿ 1" , . -ʿ7.202.6ʿ40ʿ 09 8ʿ $1"1* .0ʿ
0"04 1*0ʿ 01056.ʿ +50 1 ʿ.**1ʿ ,1*6 1:0 .ʿ . -ʿ51*6 0/ʿ + 6 .,.0ʿ . - " .0ʿ
- +"6 8ʿ*1 - * 2+8ʿ .44 4+8ʿ063+ .4ʿ20""+ -ʿ * I $.**1* .ʿ,1*6 .ʿ%+ ,18ʿ90 0*4+ -ʿ
*1*ʿ5. :ʿ - 1 - 0*6ʿ0/ 6 - .2.6ʿ ʿ + 6 ., 8ʿ $ - *1* .0ʿ 09 2+8ʿ6. *ʿ5160*8ʿ .,ʿ".60ʿ
5.60*8ʿ 09*+ -ʿ.,U<, , 06ʿ7.+4ʿ - 04 1, 60ʿ40ʿ0"04 1* 8ʿ7+<+8ʿ0:0* +ʿ.* - ʿ4 0 +ʿ
, .2.6+ ʿ3+ 550ʿ3+ ʿ50ʿ1 .61 08ʿ + 8ʿ, 02 8ʿ" 60 8ʿ,0 6 1 ʿ 0 06ʿ 08ʿ6. 4 6.60ʿ .0ʿ
. 8ʿ - *+8ʿ0/ʿ:161ʿ5 1,040 ,ʿ (0*.61 08ʿ 09* ʿ3+ʿ0<+8ʿ5. 6 1+8ʿ .:02.*6ʿ 5"0*4 ʿ
4 6 - . -ʿ"09.6 1*0 -ʿ.4ʿ0+ -ʿ40, 0:0 .*6ʿ1 .*608 ʿ+6ʿ,.5 6.ʿ.2ʿ 0* ,1ʿ*+50ʿ<+ 0ʿ
<+ .*41ʿ R - .6.ʿ40ʿ3+ 2+8ʿ 60ʿ 09*ʿ5 4 *08ʿ06ʿ .0 . ,.0ʿ - .<0 6.6 8ʿ 09.6+ -ʿ*+50ʿ
ʿh . .: .,ʿ,1 - 6 8ʿ,1:0*0 .6ʿ5 0ʿ,1* - . 06ʿ06ʿ.*603+. -ʿ(6057.*+8ʿ ".671 +8

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. % ʿ ? 8 ʿ _ & #%ʿ 6ʿ+ 6 $ʿ ʿ. 6 ʿ ʿ+ ʿ :" :ʿ
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. ʿ Dʿ =

e 'n ' # ' $ ' ' ' ,

@ & .2' .4:0 . .4 1*0' - ' 09* 5a! 0 16 0 - * 660 06+ .4'S9*+ - , .50 0*4+ *' :0* 0N
' # / ' " &0 + - ' "R :0'5 4/ - . 0' - 1 6 8'5 .0 .9+8 ' 06 - 50 *0916 8' 1, ,+5.6+8 ' 6: ,' *90 '
* 6.' ,+*4.6 1 0 - G .(' 0402.6 ' 40' , .5 6 2+8 "" 8' . - 5" 1 0 .40" 20 .6 1*0 - ' " 6+ '
5060*8 ' 06' - 140 .6 1*0 - ' 3+.*4.62' .47 20 ' &0" ."60 - ' ," .+ +" . - ' 3+.*6+ - ' *' 5 2'
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09 2+8' ., . - 0*6 6*.6 ' 40" 40 . 06 5 1" /10 , 561' 0/54 . 6 ' , .3+,' 40/0 *6,1* '
:0*6+' 01: 6 ' *4 61 ' +6' .9, 06+, ' * 6.2.6 ' (04' ,1*6 .4 ,02.*6' ",9.6 06' 50 ,+"+ - '
' - 1 .0 0' 40 - 1"" .2.*6 ' + 902.*63+0 ' +6' 4 0 - .4: ,*6+8' *' $1"1* .*.' + ' ,0 6+ - '
,1* 6 6+0 06 ' 0+ - 3+0' 5 1,0 2+8' 01: 6 ' ,1*9 09.6 8' 50 ' 5 .61 08' +18' 9* ,. ,6'
0 ,' + +860 9 :0 . ' .0 . ' 06' 3+1' - 1 . - ' 5 1 04 1* ' * ,0 06 +1: .8' 01*4 6 1 '
*08' 5 151*0 0' ? + - ' 0* - ' *60"" 90 06' A.90""1*+ - ' ., 1 .*4 .,' *60 ' $1"1*18' - 0B
- 1 .0' 71,' 4.6+ - ' +6' *' 9 .6 . - **.0' * p*648 3+.0' 1A.' 0/' " .' 6 50' +50 0 .6 . '
675 +8' 0"04 +8' 0 "06< 3+.80"04 1*05 1,0 08' *1* ' 5"+8' $1"1* .0' 090 - ' 3+. - ' **.0' : '
+ - ' 3+.0 : " 0 : 402.*6. ' + +8' 0 561' 40,". .6 ' ".6 +8' 0' ,1 - - +* ' 0' : 40 ' 6 6'
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06+ ' *60 ' 7.8' ."60 , .6 1*08' 06' 8*1 1 .8' 0 561 + - ' - +6 6.6 1*08' 4. - ' 60 - 5+8' *+ '
6 " 60 ' 60 6+ ' .' 0* .61 2+8' 06' 03+ 6 2+8' 01: 6 ' ,1*9 09.6 8' :0*0 0' " 60 8' * ' 1* '
. 6 ' 3+ 2+8' 40' .0 . 8' - 1 . ' 66' 02+8' + 8' + - - 0' 50 * , 1 . ' 9 .: 6, ' ,1*3+0 0 '
2.*6+ ' 06 ' * ' 3+. - 5 - + - ' :0* 06' 09*6 - ' 5 +81, ,+5.*6 ' ,040 0' 151 60 ,' 1 60* '
407.*6 ' 6.3+0' ""0 ' 4.6 8' .4' 1 4 *08' h . .: .0' ,1*:0*6+ 18' 60 8 ' 40*+1' ,1*4 6 1 '
*08' 40 *0 61' ,+ - ' **.' - .6 - 1* 1 ,1*<+*90*41' 5 151* 6< *60 - ' 5060*8 ' * ,'
*' ,1 - 6 8' 3+ 43+. - ' 40,0 *.6+ ' 3+14' ,9 6 - .0' ,"04 1* ' .05 .0<+4 ,. 0' 51"" '
%+ *' , .5 6.' .' "09.6 8' 5 151 6.' 5 0<+/.*41' ". / ,R ' ., ,0561' .2' 8' 0"04 1* 840, 061 '
3+14' ' S." ' 5 ' 6; 5 8' 0:+"9.6+ - ' $1"1* .0' 06"< 67+.* .0' 1 4 * 2+8' A"9* ,.*4+*/'
,+ .: 6

' - ' ; ' 4+ - ' *' ,1' 0 6 ' (6057.*+8' .' " .0' .4 1* 85 1,0 2+8' 0' 6 ., .' *' 3+.'
7 61571 + - ' .6 0 - ' 5 *45.6+8' 6 , , , J1 0 - ' 4 3+ 6 ' 0:1, .6+8 ' *' $1"1* . - ' , 6.6 8'
6 *0 2.8' 0/ 9+1,1 - 6.6+' .4:1". : 6N' 4 **. 3+.0 ""+ - - . 6+ - ' 0850602.6 ' + / 1 ,'
4+4. ' ., 1: .0' S." ' .*' 5 0.4 - 8' ,+ - ' 5 . ' 09* ' * 9* 2+8' + .56 8 ' *.+9+ .6+ '
<+ . - 0*615 +8 *60 51 61' 40' /0H 1 0' 0 : .*4 8' <+ 2+8 ' 20 6.6 2+8 ' 5 : "09 8.'
09 2+840,0 "2 2+8 ' 06. . 6 - R2X. .0, X - 0 ' " +41:R1' - .9*1 ' AA".4 ".1' ' A.90" '
"1*0 ' A1.**0' "20 61 ' "0/.*4 1 ' (*+*41' ' (9 *+*41+' +9) 61 ' 0* ,1'
., . - 0*61' - .6 8< .44 61 63+ 40 - ' , . "".' *' 5. 60' : 1". /06 ' +6' .2' 1 - * ' <+ 0 3+14'
*' 09*1' 7.202.6 ' 0/, 40 06 ' 06' 5 1,0 08' .' 40' 06' 120 70*6 . ' 3+. - ' 0 ' +6' "09 6 - 1' 09 '
4020*6 ' 1":0 0*6+ ' 4' .4+ - ' - .966.' 1 - * + - ' ".06 6 . . , 03+0*6 . ' (6 - . ".1 . '
* 11: 105 0151) .4 ".: 0* 0, .50 .90*60' ' *. . <*0 *0* ' ' ,+<+8' 4' - 3*+8'
0 .6 ' ,+ - ' "20 61' U . ,1' 06' .) 8' .4:0 .0' .4R - 8' 5 1,0 2+8' .20 .6 ' /<+18' " ,' 51""'
.4056+ - ' 09*+ - ' 2,* 9* ' 5 151 661' 04 41 ' * , 6.' 5 .060/ 61 - - ' 12" : 1*0' 41 - +*.'
/0:1, .: 6 ' 0 *' 3+. 61' .2' *.+9+ .6 1*0' 4 0' 5 : "09 1 - ' 5, , .6 - ' 0*+ - 0 .61 + - '
,1* - .6 1*0 - ' 1"0 - * ' 4 5"16* 0' ".*, 6 ' 06' 4 5"1 - .6 8' 0/0 - 5 .' 9 1' 09 1' '
- .6.' *9+" 8' 1 4 * 2+8' - 5. 6 0*4 ' , - 10" . / 1' 0" : , , , .*,0"". 1' 5160 6.60 - ' ., 6 '
. *' 0 1' * + . - ' ,+ - ' .4' .* - + - ' +6' 5. ' , .6 ' 0:1, . 06' . / - " .*+8 ' * 7 " *1*'
02.6 ' +6' + 8' 06' 1040 .61 + - ' 5 *, + - ': 2+8' "09*+ - ' 0"04 1*0' 40 .6+ - ' 6+0 0?'
6+ 6 ' 0+ - 3+0' .4' ,+ - ' +2' 4' 60 - 5+8' 1 , , . - .' "09.6 ' :0^ "0*6 ' - .9*.' 51 - 5. ' " 0 .8'
5.**1' .+ 0190*6 8' +50 2.0' - 1 0' *:4"+6.8' .' A1.**0' - .9*1' S. 62 - - ' 4+,0' '
608 ' 3+ 2+8' 1508' +.8' ,1*6 .' .671 + - ' - + .67 8' ,1 - - +* 8' 7 6 .*1 + - ' 71 6 8'
,1 - - 0*4.6 1 ,' *' ." 0*+ - ' *+ - ' *:.40*60 - 40 0 02.*6 ' *1*' - 04 1, 60 9.: +8'
0 6' .0 . ' 06' 5 1' 6. *' 20*0' :1"1' 0 9.' 0' .* - 19 .6 .8' "09.6 8' 09 6' < *00' 0,+ . 0' 0' 4 / ' 6

' 3+1 '
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3+. - *+(ˢ. - ,ˢ5 *, 5 8ˢ,+ -ˢ1 ,,. 2ˢ 8% 06 15 2+8ˢ,6ˢ.+/ " 8ˢ+60606 ˢ +.8ˢ: , ""-ˢ &ˢ
X . 9 .6 6+4 *0ˢ40 0 0*8ˢ 1 6 "+- 1 ,1 + -ˢ0 ;2,""1ˢ *60ˢ,1760*40*6, 8ˢ40ˢ :' # ˢ ˢ
6 - .ˢ0"0 1*0ˢ.,,0* 1 :1* . -ˢ6. *ˢ4 +ˢ,1 6 1:0 . -ˢ" :.40 , ,6ˢ +ˢ<+ 8 .,0 0
.0 . ˢ.+60 -ˢ ",ˢ<+4 ,.2.6ˢ< 4+ -ˢ,+ -ˢ:." 41ˢ0/0 , 6+ˢ/097+ *ˢ *9 040 06+ ˢ ˢ 1 4ˢ
.ˢ60 91ˢ *,+ - 20 0*6ˢ 1 0ˢ+6ˢ5 1,0 08ˢ 2" .4&0 .*60 (ˢ60 - 0 6.6 8ˢ +.0ˢ510* 60 06
W6ˢ .671 +8ˢ 09*1ˢ6+0*41ˢ,1*6 .ˢ6.*ˢ5160*60 85 *3 5 08ˢ *5.ˢ*ˢ ., . -ˢ +. -ˢ 0ˢ
0, 50 ,6ˢ V .6ˢ 6+*,ˢ *ˢ $1"1* .2ˢ& *,0*6 +8 .+ 0+8 54*6 , +8ˢ1 .61 ˢ3+ 51 6ˢ
0* ,ˢ4 ,0" + -ˢ ,+ -ˢ: 40 06ˢ 08ˢ .4ˢ *60 09** -ˢ.63*0ˢ .401ˢ *1:. -ˢ0"04 1*0 -ˢ
504. 0ˢ1 - *0 -ˢ150 . -ˢ4.2.6ˢ+6ˢ + 6 .,.0ˢ41 - +8ˢ .6 1ˢ *ˢ0.ˢ7.20 06+ ˢ) 2ˢ.+B
60 -ˢ , "2ˢ . 6 1* 2+8ˢ 09*1ˢ , ".ˢ3+13+0ˢ + .9 .ˢ% 4 6ˢ 06ˢ + 8 06ˢ, 02 8ˢ506ˢ
E*0 *0 0 -ˢ. ,7 05 ,15+ -ˢ06ˢ . ,6 *ˢ .4 57 8ˢ .0 . .*.0ˢ5 *, 508ˢ" 60 8ˢ.5+4ˢ
./ - " .*+ -ˢ * 6.2.6ˢ+63+. 7ˢ5 - * -ˢ.4ˢ,.50 "0*4+ -ˢ 09*+ -ˢ*1:+ -ˢ 09 6 - .ˢ
0"0 6 1*0ˢ 2ˢ40".6+ -ˢ 0 6 *. 06ˢ,+ -ˢ:0 1 ˢ,.+6 1 0ˢ5 +40*6 .ˢ :0ˢ **.6.ˢ ./ ˢ
- " .*ˢ,+*4.6 170ˢ - 6+ -ˢ0<+8ˢ. - ") -ˢ *1, , 06ˢ (6057.*4ˢ.ˢ,1*6 . .ˢ .4 1*0ˢ
,"041<.9 *6090 -ˢ *.+9+ .60ˢ06ˢ,1*6 .4 8ˢ *60 -ˢ,+ -ˢ **.ˢ* .*60ˢ*+56 8< .4ˢ
60 - 5+8ˢ0/6 .ˢ$1"1* .0ˢ *08ˢ,1*,0 6ˢ060 h .6 ".: .0ˢ." 3+.*4 +ˢ *ˢG+.4 8ˢ7.0 6ˢ
,+ -ˢ(6057.*+ -ˢ 090 -ˢ .R 6. 0ˢ*1"",6ˢ06ˢ ˢ4ˢ .,0 ,6ˢ - .9*+ -ˢ0.ˢ 0ˢ ./ - " .* ˢ
,+<+8ˢ,.+ .0ˢ .: 02.6ˢ5 .0<+4 , + -ˢ 0 ˢ0/ 6 - . 06ˢ *40ˢ,+ -ˢ.2ˢ *60 *0, *1ˢ206"1ˢ
-06+8ˢ0 06ˢ5 151 6.0ˢ.ˢ .+ 01ˢ51*6 , 8ˢ*1 - *0ˢ05*4 6 1*08ˢ56ˢ 2ˢ: 402.6+ ˢ40B
3+0ˢ(6057.*1ˢ<. -ˢ 09*+ -ˢ.40561ˢ406 - 0*61 .0ˢ*03+0ˢ ./ - " .*1ˢ06ˢ + 6 .,.0ˢ
. - " .0ˢ 09*1ˢ40<04.0ˢ *40,1 .,ˢˢ A6ˢ,35*ˢ5 1" 8ˢ /ˢ(6057.*1ˢ06ˢ **.ˢ*. 0R+ .0ˢ
50 .06.60 - ."60 +8ˢ 508ˢ*1*ˢ0 06ˢ.4ˢ . , 0*4. -ˢ *60ˢ5. 608ˢ, *, 4 . -ˢ .667 .8ˢ
. ,7 4+/ˢ3+.*41ˢ06ˢ *0 6+8ˢ06ˢ ./N - " .*+8ˢ .6 08ˢ$1"1* 8ˢ 504ˢ0 "0*6ˢA1.**Rˢ
(+0, .,ˢ 09 8ˢ " . -ˢ *ˢ+/1 0 -ˢ4+,0 06ˢ0.ˢ"090ˢ +6ˢ<. -ˢ6+ *ˢ5+0"".ˢ 09 .ˢ609 *.0ˢ(+0ˢ
, .0ˢ5. 0*6 8ˢ06ˢ **.0ˢ - .60 60 .0ˢ *ˢ21* 8ˢ1 - * 2+8ˢ3+.0ˢ *ˢ609* ˢ 0.51 R.*1ˢ &ˢ
+,,0 1*,ˢˢ 1*.0ˢ(1 6 .0ˢ.: .0ˢ,1 - 50602.*6ˢ06ˢ *0+,ˢ5 *, 5.6+ˢ70 08ˢ40ˢ
,". . 06+ W6ˢ .0 . ˢ.+41 R.60 -ˢ . -ˢ *60 51*0 06 *6ˢ **.ˢ3+1.4ˢ: :0 06ˢ^+4" ˢ
0/ˢ 8ˢ50 , 50 06ˢ *60 0.ˢ .667 .8ˢ - .9*.ˢ *41"0ˢ5 *,058ˢ.5+4ˢ **. -ˢ,+ -ˢ+ 1 0ˢ
,4+,. 06+ ˢ+2ˢ06ˢ" *9+. -ˢ$1"1* ,+ -ˢ.44 ,0 0 ,ˢ06ˢ90*6 8ˢ - 1 2+8ˢ.0"* " 6+6 8ˢ5.+ˢ
R6 -ˢ * 0 ,0 06ˢ ,ˢ0* -ˢ +6+ + - +6ˢ 5 0ˢA.90 "1*+ - 9+ *01 +*4+8ˢ06ˢ .""ˢ
- ˢ" ˢ$1"1*ˢ.2*0518ˢ:06+ 6 "" - .0ˢ4 5 8ˢ<. -ˢ20*0ˢ40ˢ$1" * 8ˢ - 0 R.0ˢ *60 6* ˢ
6+. -ˢ - ˢ 0+1:. 06ˢ *ˢ0. *ˢ 50 -ˢ+60 3+0ˢ<. -ˢ,1 1*.ˢ 09 .ˢ0/ˢ(6057.*ˢ06ˢ **.0ˢ
,1* 0* +ˢ * 9* 06+ ˢ 03+0ˢ0* -ˢ 0 -ˢ0/, - 5" 8ˢ41 - 0 6 48ˢ,. 0 0ˢ ,ˢ.ˢ$1"1* . 0ˢ
1 4 * 2*8ˢ +2ˢ +41: ,1ˢ 04: 9 - 2A.90 "1*0) .4 ".+ - 70 0408ˢ 09*ˢ5 1*+*ˢ
, .6188ˢ06ˢ +2ˢ(9 - +*41ˢ*+50ˢ(9 .+*4+ -ˢ +94 6+ -ˢ*1*ˢ - 141ˢ 090 -ˢ,1* R+ ˢ
6+ * 04ˢ06 . -ˢ +50 6 60ˢ5. 0*60 *.+9+ .6+ -ˢ + 0ˢ$ .0 0 0.ˢ.4 - * . *51 60 . *ˢ
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.66"+. -ˢ.*60ˢ+/1 0 -ˢ40,040 0ˢ,1*6 *906,6 (.00. ./ - " .*1ˢ06ˢ5 ˢ .0 . 8ˢ "1ˢ
- 6+ 6 .40 06+ ˢ .0,ˢ .": 8ˢ5 : "09 ;06ˢ - - +* 6.6 2+(ˢ.0,040*60ˢ51*6 , 8ˢ
.+41 6.60ˢ<+ 0ˢ.,ˢ5 +40*60ˢ 0 9 1* 821*1ˢ06ˢ.4ˢ - .*4. -ˢ *60ˢ5160*6 " - 18ˢ
5 *, 508ˢ. - , 6 . -ˢ 1* 6 6+ˢ51 "0ˢ - * *0ˢ4+2R.2.6ˢ .+ 0*8ˢ 6.3+0ˢ,1ˢ+690*6 ˢ
- +8ˢ.ˢ51*6 ,0ˢA1.**08ˢ2 1 1*+8ˢ,1""09)ˢ,. 4 *." + -ˢ5),058ˢ3+ˢ,+ -ˢ ./ ˢ
<* " .*1ˢ06ˢ(6057.*1ˢ0.ˢ40ˢ 0ˢ .90 06ˢ k8ˢ+2ˢh 6.6 ".: . -ˢ:0* 6ˢ01 - - +* , .6 8ˢ,+ -
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& ʿ .+601ʿ,16 " 8ʿ.:0 +-ʿ5 1 +8ʿ.ʿ,5*4 6 1*"2+8ʿ(6057.*ʿ.* -+-ʿ 05 6ʿ,+-ʿ4Aʿ
) ʿ ʿ,0 06ʿ"0908ʿ6.-ʿ4+ .8ʿ06ʿ * 1"0*60 8ʿ3+ 2+8ʿ*+56 . +-ʿ" 20 6.8ʿ4 : *1ʿ06ʿ7+-.*1ʿ$ ʿ
.*, 6.ʿ61"" 6+ ʿ*1*ʿ.ʿ: T61ʿ06ʿ01ʿ3+ʿ*+""+-ʿ<+8ʿ *ʿ 09*1ʿ7.20 06ʿ 04ʿ.ʿ: 61 0ʿ , ʿ
4020 0ʿ 6.3+0ʿ 0ʿ * 04.ʿ 1 1*+8ʿ 6.6 -ʿ *ʿ 6.". - 04 6ʿ 0" 4"1ʿ .+ 01ʿ3+ʿ51 60.ʿ
,+-ʿ(6057.*1ʿ,1""1,+6+8ʿ* 7 "ʿ5"+8ʿ.2ʿ01ʿ - 506 . 0ʿ516+ 6

&ʿ ʿ5 ʿ *60 -ʿ 1 01 +-ʿ"09.6 8ʿ .0 . ʿ .6 51*. -ʿ.4ʿ,1- 6.ʿ:0* 6
+2ʿ1,,+"6 8ʿ5 0* .6 1* 2+8ʿ40ʿ.+/ " 8ʿ5 1ʿ6+0*4.ʿ +.ʿ *ʿ 090 -ʿ"09 6 -.ʿ0"04 1*0ʿ 1ʿ
", 6.6ʿ5 *, 508ʿ - 50 ʿ06ʿ 4 *08ʿ ""ʿ06ʿ *ʿ0. *ʿ 0*ʿ.4ʿ .* .0ʿ06ʿ(+0, .0ʿ 0908ʿ
"09.6 ʿ. -.ʿ.4:0 +8ʿ5 7, 50-ʿ%+ ,1 +-ʿ20*0 , . +-ʿ06ʿ40ʿ - 50 1ʿ06ʿ0ʿ 1040ʿ
.6 8ʿ5 *, 5 2+8ʿ3+. ʿ6 +-57.*60-ʿ,1*<+*9ʿ5 60*608ʿ G+.0ʿ4+-ʿ +*6ʿ *ʿ,1- 6 8ʿ
. +,7.: .0ʿ*12 "6.8ʿ2J+"40* ʿ5 .0 +"ʿ +2<04.ʿ,+<+84 6 1ʿ *60 8ʿ .6618ʿ (./1*08ʿ
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60-ʿ. ,7 05 ,152ʿ +2<04 ʿ" 20 . -ʿ +9+ 6.*.0ʿ,1* 0 "1* 8ʿ5 1 0 "1*0-ʿ 2ʿ50 ʿ
- 66 ʿ . , * ʿ 60-ʿ &060 .* ." 3+0ʿ.4ʿ 70*+-ʿ,1- 608ʿ " 8ʿ + 8ʿ +9+ 6.*.0ʿ,1* ʿ
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09 1 +-ʿ 14."0 8ʿ3+ʿ0.*40-ʿ 0" 9 1*0-ʿ5 1 60 0*6+ ʿ4 9* 6.60ʿ06ʿ50* 61* 2+8ʿ + 8ʿ
- * - 0ʿ5 :. ʿ-.9*.ʿ,1*60*6 1*0ʿ ʿS."ʿG* *6 "ʿ506 0 +*6ʿ 40-ʿ.**1ʿ5 .0,0ʿ
40*6ʿ<. -ʿ506 , .*6ʿ 04ʿ .0 . ʿ 0-ʿ.4ʿ71 *.ʿ,1*"6 .ʿ 0<0,0 .6ʿ %+*,ʿ:0 1ʿ 0-ʿ
-./ 70ʿ+ 902.*6ʿ06ʿ* ʿ51 6+".6 8ʿ .6 8 0 06ʿ40ʿ,1""36 1*0ʿ *ʿ20""+-ʿ,1*6 .ʿ%+ ,18ʿ
., 0*4.ʿ*1*ʿ. "0* + 18ʿ 0ʿ,1- - *.2.*6+ ʿ06ʿ 1, 1 +-ʿ +9+ 6.*.0ʿ,1* 0 "1* 8ʿ"0B
9.6ʿ,.+ .-ʿ+6ʿ,1- -+*0-ʿ + .9 8ʿ + 8ʿ.4<+:.2.*6ʿ (04ʿ *60 ,0 "6ʿ +- -.ʿ5 +ʿ
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6 1*08ʿ +24 6 8ʿ + 8ʿ." . -ʿ 0" 9 1*0-ʿ3+. -ʿ 5 0ʿ*1*ʿ5 1206ʿ *; 6+8ʿ,1*,04.6ʿ." 1ʿ
3+ʿ 1 0ʿ+6ʿ +9+ 6.*.0ʿ,1* 0 "1* 8ʿ5 *, 508ʿ.,ʿ 1, ʿ" 20 +-ʿ51*6 , .0ʿ 0" 9 1* 8ʿ
+ +- ʿ ʿ3+ʿ0+-ʿ0/5060 0*6ʿ50 - 660 0ʿ,190 0*6+ ʿ3+14ʿ.4ʿ20*0 , .ʿ.,4 9* 6.608ʿ
. .8ʿ.66 *06ʿ 5 160 6.6 1*, -ʿ6+*,ʿ + 0ʿ.ʿ$ 160 6.*6 2+8ʿ *60 51 6. .ʿ *ʿ,1- 6 8ʿ
.6 51*0* 62+8ʿ.**1ʿ7+<+8ʿ .0,+"ʿ *: ʿ06ʿ 03+0*6ʿJ0 4 *.*4+-ʿ .0 . 0-ʿ60 6 ʿ
-1* ' 5+2",1ʿ 40,". . "0ʿ0ʿ5 1 +-ʿ,1* , 0*6 .8ʿ0/1*0 .60ʿ 6.3+0ʿ* 7 "ʿ60-0 0
*ʿ01ʿ*0916 1ʿ*03+0ʿ5"+8ʿ 3+. -ʿ *ʿ 1,+"ʿ5+5 "".ʿ -1:0*4+-ʿ .+6ʿ5, 09 * 8ʿ *60 ʿ
5 06.6 1* 2+8ʿ3+14ʿ,1* 6.*60ʿ7. 60*+8ʿ 0 :.6+-ʿ"6ʿ *ʿ4+2 +-ʿ 0:1,.*4+-ʿ + "0
ʿ # .ʿ ʿ ʿ7.0,ʿ4+-ʿ6.*6.0ʿ-1" 8ʿ20""+-ʿ *ʿ$1"1* .ʿ90 0*4+-ʿ.*/ 18ʿ1- * +-ʿ
ʿ.* -18ʿ60*0 06ʿ 08ʿ *, 4 6ʿ3+.0ʿ060. 1" , 6+4 *0ʿ + 6 .,18ʿ06ʿ .671 +-ʿ*1:+-
090*6ʿ1-*ʿ. -1 +-ʿ-564ʿ.2ʿ ".ʿ5. 60ʿ" 20 .: 6ʿ .-ʿ ./ - ".*+8ʿ .0 . ʿ :0ʿ
,+ 8ʿ,1* 0 6+8ʿ" :0ʿ"1*9.ʿ,1 51 8ʿ.09 6+4 *0ʿ402 "6.6+8ʿ :ʿ 4ʿ 4ʿ156 -0ʿ-0ʿ
6.-ʿ40ʿ 05+2",.ʿ 7 6 .*.ʿ.* -.-ʿ *ʿ,1- 6 8ʿ06ʿ3+. ʿ *60ʿ1 4 *+-ʿ - 50 ʿ
-.*+8ʿ?ʿ.,ʿ,1* 5"0/+8ʿ 01ʿ 044 4 6ʿ,+-ʿ ʿ.**18ʿ0/09 "06ʿ06ʿ - 50 +-ʿ/ ʿ60ʿ
*+ 06ʿʿ5 *,058 .03+ 6.60ʿ.* - ʿ5 +40*6 .ʿ06ʿ<+ 6 6 . * 9* 8ʿ06ʿ *ʿ3+1ʿ.4ʿ + - - . -ʿ
1 6+*. -ʿ* 7 "ʿ -0 61ʿ40 40 . 08ʿ* ʿ 5 . -ʿ 1 6+*. -ʿ06ʿ - 1 0-ʿ:."06+4 *0- ʿ
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.6 1*0-ʿ 0 :.: 6ʿ+6ʿ,+-ʿ.ʿ ., 8ʿ -.<1 +-ʿ*+ 3+. -ʿ 0,040 06ʿ *1*ʿ5 1560 0.ʿ$ 1B
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06 . -ʿ51 6ʿ,1*, "+-ʿ% 40*6 *+-ʿ.4ʿ *0-ʿ50 4+ 6+-ʿ * 6 6 6ʿ - 506 .61ʿ + 8ʿ,." , 8ʿ
+ +ʿ .ʿ51*6 ,0ʿʿ3+0 *ʿ06ʿ5 1ʿ .,0 416+-ʿ,1*<+9 1ʿ .05 +8ʿ * 0 50"". : 6ʿ 04ʿ*+""1ʿ
0/ 6+ʿ + , 0/ʿ . .ʿ$7 " 55ʿ5.6 +0" 8ʿ 1 1 0ʿ*+-0 1 .ʿ*.6.ʿ 121"08ʿ0/ʿ3+.ʿ
+50 6 608ʿ5.6 ʿ +0 0ʿ 141" +8ʿ3+ʿ - 50 +-ʿ51 6ʿ0+-ʿ60*+ 6ʿ *0 6+8ʿ3+ʿ*ʿ

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& ʿ % ʿ?ʿ.,ʿ,1-5"0/+8ʿ ʿ ʿ4ʿ 0/ 6+ʿ;ʿ *ʿ0140-ʿ5 151 61ʿ6.*40-ʿ"0+ʿ4 -+".
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52 60.ˁ40,0 " 6ˁ .667 .8ˁ ./ - " .*+8ˁ "20 6+8ˁ ,. 4 *." 8ˁ h 0*,0 ".+8ˁ **.ˁ &ˁ
9 .*4 1ˁ*.6+ˁ " .$7 " 551 " .20 7. . 1"1J .*,1 + - 09ˁ*+5 6ˁ ./ - " .*+ - R ,+8ˁ ˁ
5.+, 8ˁ51 6ˁ4 0"/ 8ˁ 0,+6+8ˁ0 6ˁJ 40 , +8# . 1. +8$.".6 *+8ˁ 0560 - : ?ˁ3+ˁ 0 40"20 ˁ
9.0ˁ .6 8ˁ,1*,0 6ˁ : ˁS." 1: ˁ,+ - ˁ.06.6 8.**+ -ˁ ˁ.90 06ˁ6 5 * 058ˁ *609 6.60
A 20 ."6.60ˁ 7+ - .* 6.60ˁ20*0 ,0*6 .*+") +1 +* 60 - 51 + - D * 0 1 ˁ 40ˁ ,060 1ˁ
,1* 0 " 1* 8ˁ 3+. - ˁ 5 12.2.6ˁ ,1* 6.*6"" - +8ˁ . 0 61 ˁ 2 2 4ˁ5 *, 5 2+8ˁ 06ˁ ,060 8ˁ
- 50 ˁ1 4 * 2+8ˁ.5+4ˁ3+18ˁ6.*6+ - ˁ +9+ 6.*.0ˁ,1* 0"" 1* ˁ"1,+8ˁ0 6ˁ - +8ˁ9 . - 8ˁ
63+ 40 - ˁ 8ˁ ,1* 0 1*0 - ˁ ˁ 0":06 , . - ˁ5 - +8ˁ *ˁE0 - .* + - ˁ *6+" 6ˁ 3+. - ˁ06ˁE.2ˁ
" , .* ˁ$ 160 6.*608ˁ. - 5"04+*6+ ˁ 0. - 3+0ˁ12ˁ, .+ 6 - ˁ*0 ˁ." . - ˁ 2ˁ3+ 8ˁ *9.6ˁ,1* ˁ
".*6 " - 0ˁ 06ˁ - .9*1ˁ + . + - ˁ 0 + - ˁ4 50*4 1ˁ, .+ . - $ 160 6.76 + - ˁ*1 6 .6 + - ˁ,1* ˁ
" 1ˁ 06ˁ.+/ " 8ˁ<+: 6ˁ40 6 *.61ˁ06 . - ˁ*+50 ˁA1ˁ . - 1ˁ."60 1ˁ0/ˁ " 8ˁ3+ˁ,+ - ˁ.+/ ˁ
" . ˁ0/0 , 62ˁ 02+8ˁ01 + - ˁ5 .0 61ˁ +6+ + 8ˁ71,ˁ.**1ˁ *ˁE."" . - ˁ:0* 6ˁ + ,ˁ40,040*60
+41; ,<+8ˁ9 .*4 1 ˁ .6+ˁ " +8ˁ *ˁ 0560 - : .6+ˁ +, ,0"" 6ˁ' 3+ˁ,1* 0 1*0 - ˁ +9+ 6. ˁ
?*. - ˁ 0 6 6+ 6ˁ - .9*1ˁ - 50 ˁ1 4 *+ - ˁ5".+ +ˁ 0":06 , .0ˁ,1* 0 " 1* 8ˁ5. 61 2+8ˁ4 ˁ
6 1*0ˁ +.ˁ0/5+" 8ˁ 3+ ˁ ˁ 0.51" - ˁ 0 - 06+ - ˁ *ˁA1ˁ . - ˁ4 6 1*0ˁ 0,05 - - ˁ7. ˁ
2+0 +*6ˁ *60ˁJ 40 ,+ 7ˁ 0560 - : + - ˁ5 4ˁ 4ˁJ02 ˁ .6 8ˁ,1*,0 "0 .6ˁA1ˁ "20 6+8ˁ
4+/ˁ4 09."151"0* 8ˁ "20 6ˁ " +8ˁ .9* ˁ*0518ˁ , " ˁ.0 - +".6 1*0ˁ .6 8ˁ) " , ˁ51ˁ
6 +83+. - ˁ5 15 .ˁ:1"+*6.60ˁ,+ - ˁ 1 61,7 0* 0 8ˁ <50 1 2+8ˁ.** 8ˁ06ˁ 5 0ˁ :0/. "06ˁ
. 6ˁ *: 4 . - ˁ * 9* ˁ" 20 ."6.6,ˁ51 60.ˁ0"+ 6ˁ 0 6 6+6.ˁ., .40 - .0ˁ+ 2 8ˁ1 - * 71ˁ ,1" ˁ
".5 .ˁ4 , 5" ". ˁ0.3+0ˁ,10*12 1 + - ˁ:04 9." 2+8ˁ3+.0ˁ ." ˁ5 *, 508ˁ *ˁ5 : .608ˁ+ +8ˁ
&0 6+*6ˁ. - 5" * 0ˁ416.6. ˁ + ,ˁ0/ˁ (157 .ˁ "20 6ˁ 1 - . <"+, 8ˁ " .*.6ˁA1.**08ˁ
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9+ 6+8ˁ (./1ˁ06ˁA1.**08ˁE01 9 +8ˁ .*402+ 9 ,+8"0560 - : ,1* 12 * ˁ + 0050 +*6
(,71".0ˁ 1 61,7 0* 8ˁ.ˁA1ˁ "20 61ˁ 7 6.+ .6.0ˁ - 0*6 1ˁ.4 - 1*06ˁ - 0ˁ *0ˁ ., .40 - .0ˁ
*1:.0ˁ *ˁ(./1* .ˁ ˁ 0" - 6.4 ˁ71,ˁ.**1ˁ.A+" 1 +* : ,1ˁ5 *, 50ˁ * 6 6+6.0ˁ - 0 - 1 ˁ
. - ˁ12" 60 . ˁ5.6 . ˁ3+. - ""0ˁ0,ˁ . 6 * ˁ8ˁ 70 .* 6 ˁ,1* " 1ˁ1 4 *.6. - ˁ06 . - ˁ
41*0 8ˁ:04 9." 2+8ˁ.4ˁ."0*4185 1 0 "2 08ˁ"1,+5"06.: 6<ˁ 041 0ˁ5 - 1 0<+8ˁ40 9*.61ˁ
A+" 1ˁ 0* ,1ˁ " 1 ˁ3+ˁ 4ˁ 412 2+8ˁ3+.0ˁ5 - .6."08ˁ0 .*6ˁ"+4+ .ˁ.50 - 6ˁ *ˁ
.* .ˁ,+ - ˁ ˁ.**ˁ0/ "0*6ˁ3+ 2+8ˁJ 406 ,+8ˁ ˁ 0/ˁ 1 *71" - . - ˁ * +". - ˁ *ˁ - . ˁ
? ."6 ,1ˁ 51 6. - ˁ +20,0* 2+8ˁ5 1ˁ 20"" ˁ + - 56 2+8ˁ.2ˁ 8ˁ *ˁ 09*1ˁ.ˁ 7 6 0 * ˁ ˁ
A1.** 8ˁ .6 8ˁ " ˁ6; .** 40ˁ: *4 , .*41ˁ.4<+6+8ˁ - 0*4. - ˁ,1*,0 "0 .6ˁ * +".ˁJ 40ˁ
,1ˁ ˁ*0516ˁ21*.ˁ 40ˁ 0 6 6+6.ˁ0 6ˁ ˁ *ˁE0 - .* .ˁ06ˁ0140 - ˁ.**1ˁ12 6ˁE+"ˁ ;".* ˁLˁ
40ˁ +9+ 6.*+8ˁ+6 + 3+0ˁ" *9+.0ˁ.55 - 0ˁ50 6+8ˁ062 - * 8ˁ.*6 3+ 6.6 8ˁ.,ˁ" 60 .6+ .0ˁ
,+ - ˁ5.+, 8ˁ7+<+8ˁ.0: ˁ,1 - 5. .*4+8ˁ' .4ˁ 7.0,ˁ 57 "1 157 , 8ˁ06ˁ - .670 - .6 , 8ˁ 6+4 8ˁ
,". +8ˁ4+ - ˁ: / 6ˁ,+ - ˁ + - - .ˁ090 6.60ˁ"+4.6+8ˁ.63+0ˁ12ˁ 4ˁ . - ˁ*1*ˁ . - .0ˁ 0 20 0ˁ
0/ 6 - .6+8ˁ - +"6.ˁ ""0ˁ - .9*1ˁ 0ˁ" 60 . .0ˁ21*1ˁ: :+8ˁ04 4 6ˁ< 5"+ .ˁ3+.0ˁ5 1 - 6ˁ
06ˁ3+.ˁ0 .6ˁ0 +4 6 1*0ˁ06ˁ *90* 1ˁ5 .0 6. 0ˁ516+ 6ˁ5+2" ,1ˁ4.6+ - 8ˁ* ˁ - - .6+ .ˁ - 1 8ˁ
0+ - ˁ3+ 550ˁ6.*6+ - ˁ/ ˁ.**18ˁ0/09, .6ˁ 0 40"20 9.0ˁ+2ˁ5 1 602.6+ ˁ *60 - 50 .* ˁ
6 .ˁ: 6.0ˁ., ,0"0 .6.ˁ155 0 "06ˁ $1 6ˁ ;".*4 + - ˁ: ˁ 1* ˁG+ *6 "ˁA1 .8ˁ (- "0 +8ˁ
.50"".0ˁ *ˁ 0":06 8ˁ66.6+8ˁ+"6 - + - ˁ: 6.0ˁ4 0 - ˁ A 9+ ˁ,".+ 6ˁ,+ - ˁ6.*6+ - ˁ ˁ
.**18ˁ0/09 "06ˁ.* - ˁ, .*41 0ˁ06ˁ1 - * <+9.ˁ0 +4 6 1*0ˁ5 .0 6.*8ˁ'3+ ˁ$06 1ˁ . 6; ˁ
ˁ&0 - " 1ˁ +, ,0 "2 ˁ *ˁ ,71".% 9+ * .4.6+8ˁ 6;"+ - ˁ5 .0, 5+0ˁ *ˁ(. - 1 .60*18ˁ ˁ
ˁ< .*18ˁ 0 61 .*18ˁ +6; ,7 .*18ˁ ., 041* .*18ˁ06ˁ*+50 ˁ:0" 6ˁ.2ˁ * 0 8ˁ71,ˁ.0:1ˁ
ˁ$1"1 .ˁ0/, 6.618ˁ% 6670 6.8ˁ 6 * / 6ˁ' ." 8ˁ 0 0*6 8ˁ09 09 0ˁ * 6 +4+8ˁ .0ˁ5 .0, 5+0ˁ
- .670 - .6 , 8ˁ 3+.8ˁ 06ˁ50ˁ 0ˁ 50 ,05 6ˁ 06ˁ + - - .ˁ,+ - ˁ".+40 4 +ˁ5 1 0 ")8ˁ0 6ˁ06ˁ
* 6 + - 0*6 8ˁ *90* 1 - 0ˁ.ˁ"0ˁ0/019 6.6 8ˁ ""+ 6 .: 6ˁ *ˁ21* 8ˁ)60 8ˁ06ˁ0/ ,0""+ 6ˁ06

V ˁ ˁ ˁ "0
& ˁ ˁ % ˁ?ˁ*0 1 ˁ06ˁ.41 - *0 - ˁ51 60ˁ ˁB .ˁX0 ˁ ˁ ˁ ˁ ˁ A ˁ '
6.60 - ˁ405 .04 , .*4+8ˁ40 ,060 1ˁ + ˁ+ ˁ ˁ ˁ ˁ4
% ˁ$? ˁ ˁ% ˁG ˁ4 ˁ ˁ ˁ ˁ> 0ˁ $ˁ+ $ˁ 9ˁ+ ˁ ˁ ˁ ˁ ˁ
' ./ ˁ 2ˁ ˁ4 ˁ B ˁ W ' #ˁ / + 9/ˁ *ˁ ' /ˁ
. ˁ ˁ ?ˁ Tˁ ˁ L

V_ ' 5' ' ' '

& 40' 05+2" ,.' :06"5< -' ,1 - - 0*6. + - ' - .9* .'5 +40*6 .' , 5 6' . ,'5 .060 0.'

) ') 5 2+8' 06?.' &. 0" .' ,1 - - 0*6. + - ' 04 4 6'< 5.6 . - ' 06 . - ' 7 61 . - ' .2 09 4 1?'

% 07+ 1' : 1 414 "" - 1' :0 * . ,+". '" *9+ .2" *' * ,71.6. - '5+2" ,1' 4.6+ +8' * " '01'
*')60 8' . " 4+1 ' 06' . 67 "6 40' . ,' , . ",+" ' *61"0 . *4 8' 41"1 2+8' *' 71 .8 . " 41 ' 5 1 '
50 .6.' - 1 8' 06' 5 .0,". + - ' 0 ')606. .0'<+&. *4.0' 40 40 + - ' 06' 02*0056. - ' 40 156 - '
& '". 21*2+8' !50 - ' .2 +5 ,6' 1 6++ - ' ". +4. : 6' A1 ' E+" 4 - +8U (6+R +8' *' E0 B
- . * .'5 1/ - '.' 1*6.4+8' 0 '082. ,7 +8' : '4 9* 6.60' 06' 414 * .'5 .0 6. *8@ * - . '
<1 + - ' +1 + - ' 0 082. ,7 . *1' , . 6 1' *' " :0* '4 6 1*0' * .6+8' 71,' . * *1' * +1?' 1 '
* +". *1'5 4 0' 4 ' 4 ' .4' 0+ - ' - 9 . : 6' , + - / / : ' . **+ - '0/09 06' ,1 - - 0*B
6. + - ' *' $." - 18' 0 +4 6 "(- + - '04 4 6' 06' 40' 0' + 6 , .' *' ""1' 16A1' 51 6' ." 18' , 5 6'
1' - *+8' - 1 + - ' + . ; 6.60' 40' + 8' 3+. - '0 +4 6 1*040' 05+2" , .'20*0' - 0 6+8' * B
*+ - ' ,". +" 6' E01 9 'A2. ,7 - ' .' * .6. " ' 1"1 7.06 , ' : +"91' ,19*1 - * .6' - 1 8' I - .670 '
- .6 , . + - ' . 6 + - ' . ,' 0 '5 .0, 5+0' . 6 1*1 - , .0'5 .0 6. *6 " - 3+. (' 0, +*4+ * ' 0 '
9 1 - 5*6. *+ - ' 150 * , + - ' 0 *1"4+ - ' - . / - 0' ""+ 6 . : 6' n . 1: .0' *' +50 '
6 2 0' '$. **1* .'5 4 0' 1 *' 0,0 - 2 02' , .67. 1' 5 .0 1, .6+8' . **1' .06.6 8' 0/ .90 '
" - 1' 12 6' ' , + - '5 .060 '5. +, . '3+. 0' 5+2" ,1' 04 4 6' 5"+ .' .2' .4 - .2 "" 0@+8' *90* 1 '
3+1 + - ' *4 ,0 - ' *' + . - ' 2 2" 1670, . - ' (- "0 +8' 6 .* 0 5" 6' 6+4 1 '0/ 504. 0*6 '
5 - .0' - .9* ' *1 - * 8' :0' - .670 - .6 , +8' :0' - 04 , +8' 0 1*; - +8' . 4. *+8' 0 '
4 1". *1' * .6+8' 71,' . **1' 6 40 - ' 12 6' &. .'0<+8' : 6. ' +6' - 1 08' < 5"+ .3+0' 5 0' 40' 0
' * . +4 6.' *' : 1')60 +8' 5 1 0 1' - 5" , 6.60' 0+' " 20 6.60 ' , 5 6' 3+. - ' . + 1 +8' 3+ '
3+. - ' .' - 0' 0/ 5.6' 1 5.0' 0+ - ' 4 ;0 1' .2' ." 2' , +" - ' * ,040*60 - '5. , 8' . *60' 12 6+ - '
. ** 8' ,1* 5 , .6' 06' .4"1, +6' . ,' .05 +8' .4 - .6' + - +8' , + - ' ,0"020 - '616' 0 56 8'
71 - * 8' 0,1 4.6 1' +2 06' *03+0' 6. - 0*' 3+ 43+. - ' *' 01 U3+14' 6. *6.0' . - .0' 0 51* '
40 06' . * - .4 :0 60 0 - +8' 013+0' - .9 8' A+" ' .0 . 8' (, ." 90 ' . ,0 - + - ' <+4 , + - '
+"50/ - +8 3+ '4 : *+ - ' *90* + - ' ++ - ' *' 150 0' 40' +26 " 6.60' 0/ .9 6. *41' 5 .0, 5+0'
,/0 , + 6' * .03+. " 6.60'))+8' +2 3+0' 4 " 90*60 ' *16.6. ' 3+ ' *' 3+ 2+ 4. - ' *60 4+ - '
5"+8' 71 - *0' .50 0' X7' 5"+ 2+8' - *+8' 5+0 8' *60"" 90 0' : 40.6+ ' *' . 67 - 0A6 , 8'
- +"6.' ,1* .6+8' 0 6' 06' * :0* 6' A+4 , . .0 ' 3+. - ' :1 , - 6' 40 - ' .5+4' - +"618' .4 6 +/ 6'
4+* '90 6 1 .'50 '0. * '3+. - '0/' . 60' 51 *6' 5"0 + - 3+0' 5 1 - 0 06' &0 + - '0/6 0*/ . ,'
. - 0*6 .0' + 6' - 1' - 5 .0' .+4. , .0' . 6 1 + - ' ,1 - - 0*6 6 8' "09 2+8' :0 + - ' . 6 1 + - '
1 - *+ - ' :0""0' +2< ,0 0' 3+14' ""0' 6. - 0* '0/ . .6.' (0 : .61 8' *1 6 '90* 6+ . ' 0, 6?'
N %. *40 - ' , + - '6 2+8' 4 02+8 - *+8' 056+.90 - + - '3+ *6+ - ' . **+ - ' - 5"0: "%06' 01 '
40 - '3+1' 5 .04 /0 .6' . **1' 06' 4 0 ' & 40" ,06' / 'S. " ' 4 ' 40 0, 6' 1 ' 4 ' *0' . ""0 06'
<*1 60 - ' + . - ' *04 .' . , ,0"0 . 0' , 04 6+8' 1 5+8' .4' ' *4 0.0' 4051 6+ - ' 40 *' 0B
4 1". *+ - '6 . * ". 6+* '06' .4' @' . , ' *' - .<1 + - ' - 1*+ - 0*61' ,1*4 6+ - '0 6

& ' '# *' 0"9 1' 71,' . **1' ."60 * . *60' : ,08' 1 6+* .' - +"6+ - ' - +6. :0 0 ' 4) - '"0
9.6' 40' 5. ,0 '3+' 04.0' ,1* :0*0 . *6' 0 56 8' 7 * ,' *40' 06' .4' " .' 0 51* 8' 60 - 5+8' 60 '
+*6' . + 1*0* 8' ' - 50* . - ' *+* 6 1*0 - ' *' .990 0' 7. 4' "1 690' .' ' (,71*1: .'
3+ *3+. *9+ . ' 1 - .' .2' 09 4 1' ' . ". - 1*6 1' 0 9 1' 0/ 6 +4. - ' - .9* ' - 1 - 0*6A'
' .4' 0/ 00* 1*0 - ' *' +50 1 0 - .6. : . - ' . , 0*4. - '06 0". - ' .401' , , 50 . *4. - '
.99 04 6+ ' ,". "0' * +50 ' * 6 +4.' .4' 5 17 20*4.' . +/ " .'< 35.0' J0 4 * . *4' +8' #%1"0 '
6. *+8' , +*6' 50 ' .990 0 - ' + 6 .' *6 14+,0 0' 60*6. "06 '06' ,15 .8' 4 +' +2' 9* 8' . 50 .' .4'
- 14+ - '7 ;0 - 0' 60*+ 06' 6. *40 - '1 - * ' 50' +2 4 ' - - 660*4 '5 .0, . 12 0"%18' +6'
2' 71*0 6 8' ,1*4 6 1* 2+8' ,1* +"0 0*6' - 1* + 6' < 3+ ' <. - . ,1 - - 0 .6+' ". 21 . *608'
51 6 0 - 1' 404 6 1*0 - ' 0,0 0' *' 1* 'J0" ' *60 0.' .4' D= /0. - ' *' .66 . , 8' + '
50 1 ' . **1' *0+*60' 12 0 . - ' 08' .' 7 61571 1' 1*4 .91* 1' 90 02 .6+ ' + 2 '5 .0?
, .6' 1"4+8' 1 5 +8' - .9* . - ' *60 ' +18' 5 +4076 .0' 06' 5 12 6.6 8' ". +40 - ' - +"6 8'
'
L' 09 09 0

% $ ' $/ ' ' ' ' + . ' 'B .' / ' '5 /' '"
0 ' ' B ' ? ' ' + .' ' 6 ' ? '%$ ' ' ' B $' V' '/%
') . + @ ' ') ' ' ' ! ' f B ' o

,9 09 0ˁ .4 8ˁ5 1 - 0 6+8 ˁ +2ˁ3+1ˁ - " 6.2.*6ˁA+ 6+8ˁD 74.*+8ˁA1.**08ˁ ˁ 1 - - +8 ˁ " :
, ˁ, 0 *. 4+8 - 2 1 +8ˁ ˁ 0 6C19+8 ˁ * ˁU 1 - - 0" +(ˁ , ˁ ˁ$1 6. ˁ 9 +8ˁ(+ ˁ ' # ˁ "
4. - *8 ˁ , $"+R06+8 ˁ." ˁ20"" ˁ4+,08ˁ ˁ 0/ˁ01 * - ˁ 1* "2ˁ0/6 .ˁ+ 20 .ˁ,1"" 8 ˁ0/ˁ .
" *.6+ - ˁ, *0 2+8ˁ60 - 51 8ˁ6 . 6*ˁ.990 6+8 ˁ:0 +8ˁ - 0 4 0 - ˁ + - - .ˁ4 " 90*6 .ˁ - +*"
6+ ˁ .4ˁ 0560*6 1*."0 - ˁ5".9. - ˁ ,ˁ60 40ˁ<+90 .ˁ, , 60 ˁ :.""1 ˁ. - 5"0/+8 ˁ50 1 8ˁ40
,06, 1ˁ.990 2+8< 6.ˁ+6ˁ 0 .9*.*60ˁ5. - ˁ.3+.ˁ 09 8ˁ *ˁ.990 2+8ˁ,1* 60*4 ˁ*+""+*
41*0+ - ˁ 5.6 + - ˁ 0" *3+0 06+ ˁ = /0.* - 1 .8ˁ*0 60*4 ˁ2,,. 1*08ˁ.+,+5.2.*6+
3+. "40ˁ404 6 1*0ˁ,19 6. 0*6ˁ< 013+0ˁ4 - +".6 1ˁ " .ˁ0:. 6 ˁ+6 ˁ,+ - ˁ "5.* ˁ 4ˁ 0 1ˁl
.9 ˁ, 040 0*6 ˁ 1040 .6 ˁ *ˁ .6.: .ˁ06ˁ." 8ˁ5 1: , 8ˁ0@+8ˁ 0 ˁ . - .ˁ*1*ˁ5. + - ˁ,1 -
- 1:0 0 6+ ˁ ˁ 6.3+0 ˁ51 63+. - ˁ4 +ˁ12 0 ˁ "5.*18ˁ"+4 , .6 ˁ +*6 ˁ06ˁ3+.*6.8ˁ0/ˁ " .
- 1 .ˁ516+0 + *6ˁ,1 - - 14 6.608ˁ 02+8ˁ + 8ˁ5. .:0 +*6 ˁ+6ˁ0. *ˁ15 * 1*0 - ˁ0/ˁ 1, 1 + -
.* - 8ˁ 40 - 0 0*6 ˁ , 561ˁ .51"19 .0ˁ6 6+"1ˁ5+ 9. 0ˁ 0ˁ ,1. 6 ˁ +*6 ˁ 02 8ˁ *60 - 0
,6+56 1* 2+8ˁ,0 6.6+ 6ˁ< 06ˁ:ˁS." ˁ 02 ˁ ,+ - ˁ ,". "8ˁ0/ˁ) ˁ20ˁ / "%06ˁ .,6 ˁ5+9*.ˁ,1*
0 6. 12 0"" ˁ,+ - ˁ4. - *1ˁ *66.ˁ51 6+ - ˁ 05+""6ˁ +6 6 ˁ3+. - ˁ ,".40 - ˁ60 6 1ˁ51"" ˁ4 0ˁ+"
6+ *ˁ ;0 +*6 ˁ 405 0? *8ˁ 4+.2+8ˁ "5.*1 + *ˁ *.: 2+8 ˁ06ˁ: ˁ 4 ˁJ02 ˁ / ˁ*.:08
,1 - - 0.6+ˁ1*+ 6.,ˁ *6 .ˁ + 2, - ˁ 3+.*6+ - : 8ˁ 0 60*6 2+8ˁ 5.* 8 ˁ .,,056.0ˁ +*6
G+14ˁ*0ˁ .05 +8ˁ,1*6 *90 06 ˁ 1*4 .91* +8ˁ66 0 - 0 8ˁ06ˁ .: 9 .ˁ5".*.ˁ + - - 66 50 ˁ
6 0 6 ˁ3+.0ˁ - 1/ˁ5 .0 4 8ˁ<+ +ˁ * 6 + 6.ˁ .4ˁ (.*4 + - # : ". - ˁ - "%.ˁ +*6ˁ ' 06ˁ,+ - ˁ 8ˁ
,.7." 8 ˁ3+ ˁ= /0. - ˁ4+, 6 ˁ * 0 "+8 ˁ40 6 6+6 8ˁ *ˁ .+, 2 8ˁ51 6+8ˁ: ˁ,. * 8 ˁ 06ˁ,1* ˁ
6 +4.ˁ *ˁ .990/0ˁ - +* 6 1*0 ˁ0 3+0ˁ - 51" 6 8ˁ4+.2+8ˁ - .,7 * 8 ˁ3+.0ˁ *9 0 + - ˁ.+/ ˁ
". 2+8ˁ5 17 20 0*6 ˁ3+14ˁ+6ˁ - .9 8ˁ - 504 0*6 ˁ40ˁ5." 8ˁ06ˁ +2" , 8ˁ.,ˁ6 .2 2+8ˁ.4ˁ
.4 6+ - ˁ12 6 +0*4+ - ˁ *ˁ - . 0ˁ<., 0*468ˁ . - ˁ6+ *ˁ019 6.6+ - ˁ06ˁ 60,0"". 4ˁ .4ˁ 4ˁ5. . ˁ
,1050 +*6 ˁ

ˁ 5 ˁ *ˁ01ˁ0 "0*6 03+0 0*0 ˁ.+,)61ˁ 3+ 608ˁ 6 5.)1850 ˁ5 .0 4 .ˁ4 "6 ?
2+618ˁ12ˁ*1*ˁ 1"+6.ˁ 6 50*4 .ˁ6+ - +"6+. 0 ˁ *6+0 5 . ˁ3+1 ˁ+6ˁ + 8ˁ= /0. - ˁ32" 40* ˁ
6 2+8ˁ5 .0 61ˁ0 06 ˁ5 1 04+8ˁ +0 .6 ˁ50 ˁ ˁ 0,7" * . - ˁ +/0"".8ˁ 04 6 ˁ+2 ˁ.,+61ˁ.,ˁ
50 6 "0*6 ˁ - 1 21ˁ,1 056+8ˁ+"6 - + - ˁ4 0 - ˁ,".+" 6ˁ ˁ 1* ˁ . X ˁ & ˁ + - - .ˁ.* - ˁ
.140 .6 1*0 ˁ06ˁ5 +40*6 .ˁ"1*9aˁ 0 + - ˁ+ +ˁ,1* - .6.ˁ5 .04 6+8 .ˁ 7 " 551ˁ.4ˁ 440 ˁ
"04+8 ˁ3+ ˁ,1*6,. .ˁ5 1 +8ˁ.2ˁ "2.*1ˁ .6 1*0ˁ5 1: *, .8ˁ "".8ˁ.4ˁ1204 0*6 . - ˁ ,4+ ˁ
,, 06ˁ<06 ˁ3+.0ˁ ""0ˁ + - - ˁ<+ 8ˁ 91 0ˁ06ˁ *0/1 .2 " ˁ 0:0 6.60ˁ50,,.:0 .6 ˁ .03+ 6.60ˁ
,620* 9* 6.60ˁ0 - 0*4. 06 ˁ" ,3+0ˁ20""+ - ˁ * 0"9 1ˁ90 0 06 ˁ+6 ˁ3+. - 5 - + - ˁ515+" ˁ
"" ˁ .4ˁ 12 03+ + - ˁ 04 "%0*6 ˁ . - .ˁ 0ˁ4051*0 0ˁ06ˁ5 .060 61 + - ˁ12" : 1*0ˁ .*, 6.ˁ
ˁ,+7418 *ˁ9 .6 . - ˁ, 6 . .+40 - ˁ 0, 50 0ˁ5. .6+ - ˁ1 60*40 06 ˁ :, + - ˁ0/."50 .6 8ˁ.4ˁ
04 6 1*0 - ˁ.* - 8 ˁ06ˁ 0,0*6 .47+,ˁ *<+ 1 .0ˁ "2.* ˁ41 - *.6 1* 8ˁ 0* + ˁ,+ - 0 ˁ
3+0 0*08ˁ *ˁ5 1: *, .0ˁ *9 0 "+ˁ20""+ ˁ.ˁ40,, 1 0ˁ +1ˁ *,71.6+ - ˁ50 03+ ˁ .4ˁ6+0* ˁ
4. .ˁ 09 . - ˁ - .<0 6.60 - ˁ*0,0"%0ˁ7.20 06 ˁ515+" ˁ "" ˁ20""+* ˁ516 +(ˁ 0,+ - ˁ.ˁ 03+0 0*0ˁ
,1*6 - +.6+ - ˁ3+. - ˁ5 .0" 40 - ˁ - +6.6+ - ˁ 0* 0 +*6ˁ ' *0,ˁ5 1 *40ˁ +4+ - ˁ *40ˁ.ˁ$7 ?
" 551ˁ 50 .6+ - ˁ50 , 50 0ˁ516+0 +*6 ˁ *ˁ 0"9 + - ˁ5 1 , ,0*6 ˁ 03+0 0* ˁ$7 " 55+8ˁ
50 ˁ ;*9 .57. - ˁ5160 6.60 - ˁ 0,0 .6 ˁ" ˁ3+ 4ˁ7+ - .* 6+8ˁ,+*6 *90 06 ˁ +,,0 "2 0 - ˁ*1 ˁ
<9 *.*4 ˁ3+ ˁ 0"9 1ˁ,+ - ˁ + - - 1ˁ - 50 1ˁ5 .00"%06 ˁ41*00ˁ." +8ˁ.ˁ 090ˁ 6 " ,0 06+ ˁ<
06ˁ. ,.*.ˁ 5 ˁ *.*4.6.ˁ404 E%0 5+6.2.6+ ˁ+6ˁ$06 +8ˁ 0 6+8ˁ .*8 0"4 +(ˁ ,1 - 08ˁ 0 ˁ
ˁ20"" ,.0 ˁ . 1"+8ˁ . "0 - 1*6 ˁ,1 - 08ˁ.0 . 1ˁ06ˁ,060 8ˁ*0916 8 ˁ5 .0 ,0 06+ ˁ 04ˁ
.*6.ˁ: 8ˁ - 1 2 ˁ5 .0 4 8ˁ.,ˁ5 .0, 5 6.6 1ˁ + 6 ˁ +6ˁ5 1,0608ˁ.""13+ ˁ06ˁ 0, 06.ˁ$7 " 55 ˁ
<*.*4.6.ˁ0/5" ,. 0ˁ*1*ˁ516+0 6 ˁ 6.3+0ˁ ˁ 0*.6+8ˁ1 4 *+ - ˁ + - - + - ˁ - 50 + - ˁ5 .0 ˁ
4 8ˁ - 1 60ˁ *,0 6+ - ˁ06ˁ ;.9+ - ˁ ,1*6 *+0ˁ. 5+ 6 ˁ06ˁ50*08ˁ 0ˁ 06 *0 0ˁ 6.6+"6 ˁ41*00ˁ
40ˁ 09 8ˁ;1"+*6.60ˁ5"0* +8ˁ 5 ˁ ,1* 6. 06 ˁ G+1ˁ,19* 61 ˁ$7 " 55+8 ˁ3+ ˁ5 .060 ˁ 50 - ˁ
.,, 4 0ˁ,0 *0 ,6 ˁ+6ˁ 03+0 0*08ˁ *1*ˁ *1 - *.65ˁ +,,0 2 0ˁ40,0 "%06 ˁ 06ˁ *60 0.ˁ
ˁ ˁ ˁ ˁ 0*.6+8

-/!/ G"/4 ˁ :ˁ0 ˁG ˁ 9 % < ˁ8 ˁ l ˁ " " $ l /ˁ; #$
TG 0`ˁ" ˁ:?4 ' ' ˁ ˁ : 6 ˁ ? $ ˁ 7
ˁ K ˁ+3 ")' =3B'295 ˁ ! '('21 .6+8ˁ ; #$

V_V +'

& ' 0*.6+8 561: *, .0 +5 0 - . -' .+41 6.60 -' ., ' 0'6 .* 6+ ",6' .'3+ 2+ 4. * '50 +. +8
'1,,. 1*0 +6 ' :1"+ 6' ., 5, ,+"+ -' .,0 0' .*' 0.' *1: .' .4 - 7 6 .6 1*0 ." 0*.6., '51 '
5 "1 + -' :1"+*6.608 * "04 ' .,' - 6 9. '51 "0*6' 6.3+0 0"9 ' , : 6.6 2+8 .,'5 .0 04 8
- .*4. : 6' +6 0*.6+ '6.*3+. -' +5 0 - 1' 5 .0 4' .' 0 - 51" 61'40 *,058 5. 0 0* '41B
00 ." 60 ' .' 0 40, 06+< 0"%06' (0,+*4+ -' 7.0,' .*8 0"4 +8 ' 3+ # +,0 - 2+ 9 ' 0 .6'
+/0"".8 04 6' +6 ,+ -' ." 8 ,1* " . 8 0 - 5+2" ,. -' ,.50 "0 06' *603+. -' - 1 0 '
06+ 'S03 0 0*08 ' ,+ -' *1*'7.20 06 +*40 6 50*4 + -'6+ - +"6+. *6 '03+ 6' 5. *1'0/ '
1":0 06' +6 6. - 0*01 + -' 0/,+ 1*08 5 17 20 06' 04 4+ -' 5 151 +0 .6' 3+1' 5"02 '
+ 6 ,.0 . - .*4 ' 0 06 ,1*6 .' : 1"07618 9 . .61 08 40 0*40*4 ' 5160 6.60 -' ., 02.6'
G+14' - .9*1'0 1 0 .' 03+0 0*0 '2,*0:1"0*6 . -'515+ '0.' 0 ,.56.*60 400 06+ -' 0 '
2 6 0 *. 4 *+8 0*41 .' 3+ 550 ,+ -'516 +8 6+ - +"6+.*608 03+ 608 01' .41' .4 60 - '
5+8 05 0 ' *6 3+. *' 1 - * *1'5".,.6 '0/0 - 5"1' - 1/' 51 6 03+0 0* 8 - 1 60 -' 06 ,.5B
6. *' = /0. -' 0*1:.61 ' 06 *60 -' . - .' - .9 6 .6+8 .+416 6.60' 5"028 + - 5 0 6'
3+.0 0 - 0" + - 56.' +*3+. -' 51 6 051 + 6' *60' 03*0 0*0 - ' 2 7.55 *+8 & '
60"" +8 (061*.0 - . ,7 1 ' ,+<+8 , 02 .' .'*12 8 06 *' 02+8 6." , 8 06 0"9 , 8 .4.' - 0* '
6 4'0 6' 5 .0, 5++8 20"" ' ,1* " . +8 .,'4+/' .' 1 - 1' - .9*1 6 + .0 4+,0 ' ,+ ' "",
4 +' - " 6.:0 .6' $7 " 551 ' ,+ -' "2. *+8 *' 0"9 + -' 5 1 , 00 06+ ' .66 2+6+8 ' 06
,. 6 1 + -'5 .0 04 ' - +*0 0 *' 01' 20""1' - .9*.' ,+ -' ".+40 40 +*4+8 ' 0/' ,. +' - " . '
2 ""' 50 6' . -' ,+ -' 50* " ' ;07 ,+"1' 50 ' .990 08 2.+4 "1*90 .'U ? (,71*1:0". *4 .'
:070 06+ ' ,+ +' 1 60 0:0 1' 0/' .990 0 40, 4 6' 013+0". 5 +' 71 - 1' ,1 5+"0*6+ '9 . '
: 60 ' ".0 +8 ' ,+ -' *6+0 5 . -' *40 404+,0 06+ ' *' 6 *0 0 40,0" 6' *1*' " *0 +"5 '
, 1*0 ,. +8 .' - ."0:1" 8 06 .0 - +" 8 404 6.'150 .'5 .0, 5 6.6 ' 3+14' . ,. *.' 3+ .04. - ' .2'
5. * 8 50 ,056.' - .9*1' 6 + .0 4+, ' *' $7 " 55 ' 5 .0<+4 , + -' ,". -' " 9* ,. ",6 '
A. - 3+0 - +* 6 1' .4 51 6+8 = /0. * '1 6 .'0/ "8 +4.'0 .6' 5." 8 06 6 .2 2+8 "1*91' ,.60 '
' *. - -' *0/+' *' - . 8 5 1 +*4+ -' 40 / 8 '3+ 2+8 51 6+8 :0"+6' ,".+402.6+ '3+14' 15+8
$02 +. 1' *0+*60 ,1056+ -' / 'S." ' 5 ' ,1* + - - .6+ -' + 6' 7 "1 - *+8 12 0"" '
1' 50 ' ,. *."0 - ' 0, 50 '5". * 6 0 - '50 1"" 8 .990 2+8 0 6.9*. *60 - ,+ -' ,". 0 09 0" '
.: 9 .' 6.6 1. 1 + -' "" 8 "1, 8 .' 4*4 .91* 1' 4 51 6.'50 ' (.*4 ' : ".0 .2 0* '
6 . -'4 6+ 2. *6' +*1'0/' 8 405 0 "2' 0 - +* '5 4' 1* ' 5 ' ' ." 2 .0 '90*+8 71,'
U .*6.2 ,. + -' *.: + -' .4 51 6+ -' 5 1/ - + -' . -' 5. * 8 - 6 2+8 ' 3+18 51 6. '
2. *6' .55+"0 + 6' 3+.8 1*4 .91 - +8 50*08 0 06 *+ 6< 06 ,+ -' :' 4 ' 0<+ 40 -'
- 0* 8 4040 .6' ,+ -' *.; 2+8 ,1 - - 0.6+1*+ 6 8 . / " 1' :0* "0*6 +6 50 ' ,. *."0 -'
5." 8 12 6 +4+ -' : -' .,0 0*6' .' 1*4 .91* 1 '3+ ' .40 . ' 1 6 60 ' ,+ -' + 8 5+9*. *6,'
05+" ' +7 6' 40 -' 2 4+1' 51 6 .2 40 -' 60*6.6+ -' 06 - .<1 0 *. ; + 6X' * + - 0 1' - B
506+8 .4' ' 0 ,70 . -' . 6+8 ' 3+1' 5."18 " .,' 40 /18 4 8< ,0 0*6' 04' 6+8 0 0 ,1 '
.6+8 + 6' +.'6.*6+ -'2 0 - 0 0/' 09 8 *,07 . ' ,+ -' 5"" .0 6+' .4:0 .*6 '4+.8 *. :0 8
,1 - * 0.6+' 1*+ 6.8 . - 0*6' A+ - 50 0/5"1 .61 08 1 60 0 0 6+ -' 0 6' ,1* " + -'
.+ 1*0* 8 0 "0' ,+ -' - .<1 0 ,". "0 +"6 - . -' : -' 60*6. 0' * 1* 6 8 50 ' ,1"+ - 2. - '
,+6' *' 8 . "0 - ' 06 +94) * ' 12" 4 1*0 .4 6.6+ -' +0 .6' 5 .0 4 . 8' +6 0140 -'
60 - 51 0 50 ' .9 18 .3+.' 0 6.9*. *60 8 0 + - 50 0*6' 4' 71,'5 1: +6*' +0 .6' +6 4+.,'
- .<1 08 *. :08 *' - 04 1' ,.6. .4.0" 60 0*6+ 3+.0 .990 0 -' 40 0*4, 0*6 '0/ ,0*" 1*,'
*' 0+ -' 50 '"0 - 218 .4.' G+14' +6 - 504 06 1*4 .91* +8 ' '.":0+ -' *' + :0" .*'
4 . 14 6*4+ -' - 50 .6' 3+ ' .' & .* .' .4 51 6+ -' + 2 8 51 902.6+ ' ' *' 3+1'4 51 6'
6.6 1*. ' *40 .'*. : + -' 71 6 " + *' *,+ +' *' .9 8 6+6 '0 0*6' 06 *40 .' - .,7 *. + -'
50 ' .990 08 4 51 6. + -' * 0 6.'4 5"1 1*0 40 0*40 0*6+ ' 9 6+ ' ,+ -' .+ 61*0* 8
<5 0 06 ,+ -' 01' $7 " 55+8# 170*"1+8 ,1 - 08 06 +41; 0+8 1 16+8 =0". *4<, ' - .*8
5 .0 04+8

5 . ' ' V 0 - "6. 8 ,0*6.' 4. +8 ' " !+1 ! @ 4' ? ?
' ' ' 2 & " $ 5 # 2 " *)' ' # ! $I' B ' ' /] ! ' 6 $!/ , !$ R
R 2-)$ G ' $ R 28 / $)' # " -' $ 2 ' #')' # !' ! ' !)' ' A) '
8 , ! #)' ! !' *# ' ' '# ' ' , $ ' 1 / ! ' ' #' "$ ' 'C !
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X'　ˢ #ˢ +?)

5 .0 0 6+8ˢ ,+ - ˢ ,". "0ˢ 01ˢ ,1* " 1ˢ * 6 + ".ˢ :0* "0*6ˢ 5 4ˢ 4 A+*ˢ 5 .0 - %.ˢ ˢ 1 &
0*4. - 0* 0 - ˢ .990 0 - ˢ :0 +8ˢ 71", .8ˢ 90*8ˢ 06ˢ :. 6.ˢ *.: 8ˢ ,+ˢ A12.0ˢ A.* 0* .0ˢ *1 ,+8ˢ
- 0*ˢ ˢ. - 571 . +3Nˢ ,.5./ˢ 3+.0ˢ 5 + - ˢ 1 26+ - ˢ ,+ - ˢ "1,ˢ 20"".61 2+8ˢ 51 6.
2.6ˢ ,1 20ˢ 06 . - ˢ *ˢ - . "ˢ . 6 9 1ˢ * 6. ˢ 9."0.0ˢ - +* 6.ˢ 6.*6.ˢ . - 5" 6+4 *0ˢ ,6ˢ - 6.60
+6ˢ 0/ 0.ˢ 40 0* 1 08ˢ .,,040*60ˢ .0 6+ˢ 61 - 0*6 8ˢ - .<1 2+8ˢ 0ˢ - *1 2+8ˢ 5.*18ˢ -
5060 0ˢ 06ˢ 5 15+9*.,+" 8ˢ 40< ,0 0ˢ 51"%0*6ˢ ˢ &0 + - ˢ 0,040 60ˢ - . ˢ 51*40 0ˢ +1ˢ .4
2 0: .ˢ "" 6ˢ .4ˢ 09 . - - ˢ - .,7 *.6+ - ˢ 4+8ˢ 0/51 6. ˢ 3+ 2+8ˢ 3+. .6.ˢ - +"6 8ˢ 5. 6 2+8
+ - 5 6+ ˢ ˢ 04ˢ 0, 5 1,.*60ˢ .0 6+ˢ +2ˢ ;0 50 . - ˢ 6+5.ˢ 06ˢ - + ,1ˢ 6 5.6+ ˢ 06ˢ - .9*. -
5. 60 - ˢ 0/1*0 .6+ ˢ +6ˢ , 0 ,0*6 2+8ˢ +*4 8ˢ 6ˢ 0 ˢ 51 "06ˢ *40ˢ *ˢ 6+6+ - ˢ 404+,0 06+
.4ˢ 0/6 0 - + - ˢ 04 *609 .6.ˢ "5.*1 + *ˢ :0 20 .6 1*0ˢ 40 - 0 9 6+ ˢ 50 0 0ˢ *ˢ 0.ˢ ,
, 60 ˢ ,,ˢ < ,060 ˢ .ˢ 5 1/ - 8ˢ "0 - 2 8ˢ 0/,056ˢ 0:. 0 +*6ˢ 5 0ˢ 1 16+8 ,+ - ˢ 4 +ˢ 6.2+".0
7.0 0*8ˢ +50 *.6. "06ˢ 6.*40 - ˢ 121 6 8ˢ 60*,2 8ˢ - . ˢ 7.+ 6+8ˢ 0 6ˢ *03+ ,3+. - ˢ .+
1*0* ˢ 1 - *0 - ˢ 150 . - ˢ 4.*60ˢ +6ˢ 0+ - ˢ 50 .X2ˢ 0/ - 0 06ˢ ' 3+ˢ 5 0ˢ ."60 .ˢ *90*6
*.: ˢ ,+ˢ 01*ˢ *1 - 0*ˢ :04+8ˢ A12. - ˢ A.* 0* . - ˢ 03+02.6+ ˢ 6ˢ - .6+ 0ˢ 6.*40 - ˢ 0ˢ *
6+6+ - +24+/ 6ˢ 2 0 ˢ :0 1< ,+ - ˢ .+/ " 1 + - ˢ *+"".ˢ 508ˢ +50 0 "06ˢ 0ˢ 616 08ˢ * 0"
, 60 ˢ 60*6.6.ˢ 03+0*6ˢ *140ˢ - " 6, - ˢ 0 - 66+*6ˢ 3+ˢ <+/6.ˢ ." *. + - ˢ - 1*60 - ˢ +2
".*+0" 1 .ˢ 71 5 6 + - ˢ 7.202.6ˢ 2.,+"+ - ˢ *ˢ 60 . - ˢ 40 / 6ˢ ,+ - ˢ , 561ˢ 3+1ˢ 9*ˢ
,.2.6+ ˢ 12 0 "28ˢ "ˢ 3+ 40 - ˢ 71*0 6.0ˢ 06ˢ .03+0ˢ ,1*4 6 1*08ˢ 5 151*0 0*6+ ˢ 404 6 1ˢ
*0 - ˢ .,0 0ˢ 5. .618ˢ 4ˢ 3+14ˢ - 1/ˢ 1*4 .91* +8ˢ 0 , 5 6ˢ ,6ˢ 0ˢ 4 *+ - ˢ 0*.6+ˢ
5 +8ˢ - 1* 61ˢ .03+ 8ˢ ,1*4 6 1* 2+8ˢ ,+ - ˢ 12 0 " 8ˢ 6 .* 90 0ˢ : , "" - ˢ 5. .6+ *ˢ 1 60*4 6
1*4 6 1*08ˢ 0.0ˢ +0 +*6ˢ +6ˢ 1 5 +8ˢ 0+ - ˢ : ˢ 9* 8ˢ 06ˢ , 1,,,ˢ 5 .0 4 . 8ˢ 4 - 6ˢ
60 06+ ˢ 06ˢ .": 8ˢ 02+8ˢ 1 - * 2+8ˢ *ˢ 6+6+ - ˢ ,1 - - 14.6 8ˢ *ˢ 4ˢ *.: 2+8ˢ 404+,0 06+ ˢ 15ˢ
5 4.*ˢ ,ˢ "1 0*1 + - ˢ 0 ˢ 0/ 1":0 0*6ˢ ˢ 3+1 + - ˢ 1"+6 1*0ˢ .2ˢ 1 - *ˢ :ˢ 06ˢ *<+ .ˢ 60 - ˢ
50 . 06+ ˢ (+ - - .0ˢ - 51*0*4.0ˢ 06ˢ 0/ 90*4.0ˢ ˢ 40 - .*4.6.ˢ A1.**ˢ .:. 061ˢ
.6 1*."ˢ

& ˢ ˢ 1*4 .91* +8ˢ : 41 ˢ + 20 - ˢ : ˢ 66ˢ "*6 "ˢ *9 04 6+ ˢ 06ˢ 5 .0 4 1ˢ
- .6ˢ 4 51 6 8ˢ 50ˢ 41*0.ˢ * +".0ˢ "1,.ˢ 504 6 2+8ˢ 3+ˢ 6.6 7ˢ ,+ - ˢ 6 50*4 + - ˢ //ˢ
- 0* + - ˢ 4020 06+ ˢ :0ˢ 0,0*6ˢ 5 .0 4 . 1 + - ˢ 03+ 6+ - ˢ 0/0 - 5"1ˢ *, 6.6 ˢ :0ˢ 51 6ˢ
0 - ˢ 20*0ˢ 90 6. - ˢ 3+14 5.* 8ˢ 1"0 - *0ˢ 0 6ˢ * 1"0 ,0*608ˢ 6+ - +"6+. ˢ ,1050 +*6ˢ 06ˢ
6.*6ˢ +,,0 "+8ˢ +4+ - ˢ 04 6 1*0ˢ *60 - 50 6 :.ˢ ,1 +50 +*6ˢ 3+14ˢ *1: 8ˢ 06ˢ "1*90ˢ 50 ˢ
* , 1 " - 8ˢ - 16 2+8ˢ *ˢ 5 1: *, .ˢ 6+ - +"6 2+8ˢ 12*1/ .ˢ ,.+ . - ˢ 5 .02+ 6ˢ . - ,+ - ˢ
7.40*+8ˢ 0"9 ˢ 4 *08ˢ ,1*6 .ˢ $ 160 6.*60 8ˢ 5 1ˢ 5 *, 50ˢ +1ˢ 606 " 0*6ˢ 0/0.1,,. ˢ
1*03+. ˢ ,1*<+ .6 1*0ˢ ,1*6 .ˢ 090 - ˢ * 6.,+ - $ 160 6.*6 2+8ˢ ,1* 5 . 0ˢ ,1050 +*6 ˢ
: /3+0ˢ "1*91ˢ 51 6ˢ 60 - 51 0ˢ 50ˢ A1.**0 - ˢ + 6 + - ˢ 09ˢ 0,1*, " .6ˢ $ 160 6.*6 + - ˢ
5. 608ˢ 40 0 +0 +*6ˢ ,,ˢ 2ˢ .+ 1*0* 8ˢ *60 0.ˢ 400 .6ˢ 3+ˢ ,". - ˢ 4.6 8ˢ .4ˢ 5 .,ˢ
0418ˢ 5 - . 18ˢ 0 : 6.6+ - 06ˢ 5 +8ˢ ,1*, " ˢ 09 ˢ ." 0 "2 08ˢ " 60 8ˢ 018ˢ 1" , 6.2.6ˢ 71 ˢ
6.2.6+ 3+0ˢ 6.*40 - ˢ 40ˢ 0ˢ 06ˢ ,1 - - +*ˢ ."+60ˢ 0 1ˢ ,19 6. 0*6ˢ 06ˢ +.ˢ ,1* " .ˢ .ˢ 5+2ˢ
" ,.0ˢ 3+ 06 8?50 6+ 2.61 + - ˢ ,.+ .ˢ 05. . 0*6ˢ *1*ˢ 5 28ˢ 04ˢ 5.*18ˢ 506 ˢ 3+1 + - ˢ
. - 2 6 1*0ˢ 06ˢ - 0/5"02 "ˢ .:. 6 .ˢ 20""+ - ˢ 6. *ˢ 4 +ˢ *ˢ 0"9 1ˢ .".6+ ˢ 06ˢ *1:.0ˢ +2 *40ˢ
0<+8ˢ 5 15.9.*4ˢ 10,. 1*08ˢ ,.560*6+ ˢ 616 08ˢ 40,056ˢ <. - ˢ 6.*40 - ˢ 0 5 ,.*6ˢ 06ˢ " 20 ˢ
6.6 8ˢ .ˢ - .<1 2+8ˢ .,,056.0ˢ - 0 - 1 08ˢ ,1* " .ˢ 516 +8ˢ ,+ - ˢ ,1*, : 2+8ˢ + 8ˢ 3+. - ˢ ,+ - ˢ
0/60 * 8ˢ 40 *0058ˢ ,1 - - +* ,0*6ˢ 7.*,ˢ +* ,. - ˢ *0,ˢ ." . - ˢ 5 .060 0.ˢ 5.,68ˢ <ˢ 0"9 1ˢ
,1* 6 6 60*4.0ˢ .6 1*0 - ˢ 0"%0ˢ .0,ˢ - 1* 6.ˢ .5+4ˢ 71 - *08ˢ " 20 6.6ˢ . "+0618ˢ 06ˢ 20""ˢ
4. 2*1 ˢ 50 6.0 18ˢ *1*ˢ 5. + - ˢ :."+0 +*6ˢ 06ˢ ,+ - ˢ *1*ˢ 12 ,+ .ˢ - + - + .ˢ .4ˢ " 20 6.ˢ
60 - ˢ 5 1,". - .*6 + - ˢ 06ˢ *61"0 .*4+ - ˢ 5 .0 4 . 1 + - ˢ 1*+8ˢ .,ˢ 6 2+6.ˢ 12ˢ 4ˢ - 51 6.ˢ
405 0,.*6 + - ˢ 5. - ˢ 0/.+4 0*6+ ˢ *ˢ J".*4 .ˢ 5 .0, 5+0ˢ .*60ˢ 1 - * .ˢ .2ˢ 4 *+ - ˢ
" R ˢ $ 0*.6+

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& ' 0*.6 '40. 0666 - ' 0 6' +6 <0 - . 'A - 660 0*6+ :'$ - .' .* 2."8' R0 - 5 6 ' '
!) ' " '5.*1 +6*'5. 6 2+8'.44 4 'R9 1 ' 3+.0' *6+, 5 .0 .6' - ".':' 9* 8'0/'0.' 0 :.6 8'
3+.0' 1 - 0" 1' *4.*1',<+8' "09.61'.66 2+6.' +*6' <+ "1,1' 671* 8' 20 60* '
,1 - 6 8'""20 6.6' 0"9 ,.0'6.6' 02.*6+ ' .03+ 1 8' "09 1'5 .0 4 1 *6+0 5 .0' - 51 '
66.' , 0 ,0*60' *60 - ' 04 6 1 1 + - ' .+4., .' .4' 3+18 .*, 4;."40 ' "09 1' +5 .4 '
<+*/ 6'06'." '50 '5 .0 64 .' <.' .6.: 8'4 6 2+6' " 5.* ' +6'<. - '""2 ' - 5+*0'3+ 4: 8'.+ '
40*4+ - '5+6. 0*6' 'J + 6 .' - ' .4'018' 5' 1 + - '4+,08 '06'5 .0, 5+.'.+41 6.60' *60 '
"1N51 6 0 - 1' .*8 0"4 +8' 3+ ' ,' , 0*6.". - ' 5 1 04+8' 5 0, 2+8' 1260 6.6 1 2+8'
5 0* ." 1* 2+8' - * 8' * " 0" 3++ - ' 0, 6' 3+1' * 1"0*60* ' * ""60 .' ?'4060 6.*45'
<+/6.'06'50 * , 1 1' ,1* " 1'404+,0 06' ,6 . - ' 5 151 61'50 ,+"1'06' * . - .' *' *1 - ,*'
5.* ,+ - ' 0/'01' 04+*4.6+ .' . - ' 3+ 4' \5 1 04+ - ' 616' 0/ .36".6 8' ".21 2+8' 06'
09 09 0' .4 8' 66+*,' *60 - 50 6 :.' 04 6 1*0'6. - '." 0*1'60 - 51 0' - .6+618' : 416 . +6.'
+4+8' 616' 20""1 + - ' 0" , 60 ' 5.6 < 61 - ' 5 .0 - + - ' 01 + - 5.*6'N 9 6+ '6. 6 5, '
4+ 0*6' 4+ - ' 5 *,088' 40' 5 .0 0*+%0 + - ' 6.6+' ,0 6 1 ' 0 '06'50,+* .' 5 1 - ".' 0'
5 .0 ,*6. 51 "6' ' *1*' 6. - ' - 506+' 06'5 .0 0*6' : 6+60 ' 3+. - '5.6 0*6 .' - .9 .8' 0/ '
504 6 1*08' :."0 0' 0. *' 5 15 . - ' 5.*1 + - ' : 6+60 - 3+ ' 6. - ' "1*9 *33.8' 5 1' : . '
4.8',6 . - ' 5 ,1' .0:1' *,19* 6.c' + - - .' 0" , 6.60' .4 0 +*6' 3+.8' ,+ - ' 60 - 51 8' 4 + '
6+ * 6.60'06' ,10" ' 5"0 + - 3+0' .4:0 ' *<+ 8' 1 6 60 ' "+4.6' 20""1' .4' 0/6 0 - + - '3+.0 '
6.I' *+*,' 06' 2 ' 6+0*6+ ' ." 8' 90*6 2+8' 5"0 3+0' ,+*4.' * 6 1' . ' * 7 " * '
: + - ' "" 8' ' ' 04' - 1/ ' +2 ' 0".*9+ 6' - 506+8' ,+ - '".+40' 5. 6.' - .<1 0' *1 - * 8' .,'
5 0 + - 3+0' .*9+ * 8' 4 "50*4 1' . - 66 ' ,+<+8' 0 ' ,/0 - 5".' *0' .0 - +" ' .4' 126 04 .6 1 '
*0 - ' 4 4+ - ' *60 5 060*6+ ' 0' 5 15 *3+1' 506 6.' 2 '3+0 - 3+0' 51 0' +*0 0' ' <9 6+ '
40,1 8' ' - 0 - 1 08' 06' 12 03+ ' 3+14156 - 1' 5 *, 5 ' 4020*6' *' *0916 1 ' *' 3+1'
1' 6.*6+ - ' "+8' 04' 0' ,.+ .' .9 6+ ' 40 - ' 0 :0*6' ' *03+0' 5 .0, 5 6.6.' <+ 8' + '
50 0,+6 1*0' 515+". + - ' <. - ' .4' 1 4+ - ' 0+' : ' 0+' 51*60' 040+*6 + - ' .* - 18' '
60*6' 06' 6.*6 50 ' - 506+ - ' + 6 *0.*6' 4+ - ' 3+14' *+*,' <+ 0' 50".*6' 5 8' 6.*6+".'
- 1 .' *60 51 6.' - .9*1' ,+ - ' 10*1 0'06' * 9* ' 0,056 '06'5.,.6' 0"9 '9"1 .' 050* '
4.6+ ' + - ' < 0,' .6 1* 2+8' *00' : 1 + - ' 5 .0 6.*6 + - ' 5 .0 0*6 .' 5 .,. 0*6+ ' <. - '
,+*4 ' - + - + . , '06 ' 3+18' 7+0' + 3+,' 0+' 0" 9 1' 0+'5 *45 8' 0:0 0*6 .'60*+0 . '
: 4.'5.6 0*6 .' 0 - ' *1*' 61 0 .*4. - '4 ,0 0' *03+0' 0 - 04 .'.' "1*9 *3+1' 5060*4.'6. - '
5 .0 0*6' 50 ,+"1 ' 4' 5 +, 50 - ' :0" 0'06' *60" 90 0' 6.3+0' ,+ - ' <. - ' 5"028' + 6 ,.'
5 1/09 8' *+50 '40 +*4 ' 0+' <+ +' :0' .+41 6.60' . - .' - 5 " 06'06' ,+*4 '506' 155 4.'
06' , : 6.608' *'. - 8' 0 "0*6' *1:.' ,1* .' * 6.' ,". - ' 4 *+ - ' 0*.6+ ' *60 0.'2 " '
"1.* ' .4' (,. 4 - ' 5 15+9*.,+" ' 5 .0 4 . ' ,+ - ' ,060 8' +"60 <+8' 5 19 0 '06' ,+ - ' 50 '
, 0,R" * . - ' 6 .* 6+ - ' 5,6 "%0*6' 01 .*6 2+8' 155 4.* 8' E - 20 9. - ' 4+1' 6 .*8'
+/0"".8' - 4 . .' ,1*60*40 +*6' +"6 1' , 6 13+0' ,2 - - 0.*60' .4' 018' 0*.6+8' *1 - *0'
1*60"41,.'06' *40' rı ,7. - ' 51 6 4 0' :0*0 - *6' +2' ,1* " 1' ,.561' 40' "1 61' * '
6, , 5 0*41' 3+1' - .9 8' ."" 0 0*6' 1*60 41,. - ' 3+0 *' *+50 ' 50' ,1*:0* 0*4 ' 1 - '
*- 15 .0, .4 - 0 .*6' 50 '05 61". - ' 0:1,.*6' 3+. - +6.6.' *' - 0" +8' :1"+*6.6,'
6 .* .4+ '06' 0140 - ' 5 1 '3+1' :0* 6' 4 0 '3+ ' *' : *'S." G+ *6 7' *, 402.6' ,, 06+ - '
,1* " + - ' 0/ 03++*6+ ' "1 6+ - ' J".*4 .0' 0 6' 155 4+ - ' ,1 - 6.6+8' ' 5. 10, .8'
2' ,' 05*6 *0*6 8' 6 6+"1 ' .4' I %0*0 . .' +: + - ' 3+1' - 04 1' 0 0' 4 : 4 6+ ' "1,1'
. - 10*1' 6+ - ' 2.+4' "1*90' .' +/0"" 8' ' %0*0 . .+*4.'06' 0,7" * .' 4' 4 :0 8' 5. B
6 2+8' 5.* ' ,." 8' .4 - 16 8' *15 * .61' .99 04 +*6+ '06' 60 6 8' 155 4.* 8' .63+0' 7+0'
"+,' *0' 4+, 2+8' 4 0+ 0*6 2+8' ,.5 +*6' *013+0*1: ' 5 *, 5.6+8' - " 6. 8' *60 '
,' 50 ' 04 6 1*0 - ' ,1* 6 6+6' 040 - ' 51*+*6' G+.' 0' 4 *+ - ' 0*.6+8' :."40' ,1 - '
- 16+8' 0 6' ' +/0""0* 8' :0 1' 5"028' *' 6.*6+ - ' + 1 0 - 0/. 6 +6' 42 - 0 6 ,+ - ' 3+0*4. -
' 0 1*; -

% N ' ? ' 'F ' ' 0F/ ' D! & ' " &' ' ' '=F &
' '@ / ' 6 ' '6 + ' 8' 'E E

G # ! Z= 5 ' ' &Z ' +?@

0 4*; - # 714.0' 0*.61 8' 5.*' *60 0,0 6' " 1* +8' &. 9.'06"+ *+8' 1' & '
-0 +8 5 -. ' 5.*4 + -'6 2.*X#06' 5 ,' 714.'+6':+"9+8'3+.4.*60*+8'5".,. 06+ # / ' '
06' 5 '50 ,. 4'0/ .0 0*6+ ',+ 614 .0' 5 ,0' *'5.".6 + -' *,"+ +*6' *40'40"0 6+8' '
+ 2 89+20 *.61 'E+" 0" - +8' 1 * +8 , +8' E.820R '609+"' "+8' 0/' *12 " "" - .'
1 *.*.' . - " .'3+ ',+ *' 'E" - 1' ./ - " .*'(4 J+: ' 4 - 6 8' - . 8'56.0 04 '"0B
9.61'06' - .9*1 .2.*6 .0'5 .0 0 61' 0'" 20 6.6 8' 0"9 , .0' 40 0* 1 0 - '5 1 0 %+8',4*'
6 *+1' - " 60 - ',1* , 2 6'06' + - - + - '. - 4 + - '<+8' 2' + - 6' /'01 + - 6 (- ' 0*'
60*6 .'3+ ' 5.* 8' *' 1, ,+"61' .:,2. 6'3+1',/. 50 .618'5 02 8'.* - 48 * 6 9. 0*6'
*' 04 6 1 18' - " 608' 40, 06+ - ',1*4 6+ '/ S. ' 4 '3+1' 020""08' 400". .2.*6+ ' ' *0 '
' 50, 0 - ' .2+02.*6'5 - . ' ""' 5.*1 + -'6 2+*'&. 9.',6' 4 - 0 +8 &0 + -'
(.* 6 +8' :". ' . , 8' 76+0 5 .*.0 5 .0 0" +8' 06' 0 *.:." 5 .051 6+8'50*08' 3+0 *'
:0"+6' + - - .'6+*, . - 4 + - '0 .6',+ - ' . +/0"".8'.4',1*, " + - '.' 0*.6 '0:1,. 06+ '+6'
06' 5 0?40, 061' +2 , 20 06' 06' 6.' 5.*'.+/ + - '.'4+, 2+8' 50'40 6 6+6' ., " +8'
.4'1 , + - ' 04+,0 0*6+ ':0* 0' 0,+ .: 6'< ,.+ .6+8' *.6+ - '50*08' 3+0 - ' + - - . - '
0 + - '0 "0':1"+0 .6' 0/ ' 5"02 8' 04 6 1 .0',1*6+ - ., .'06' .50 6.'<. - ' 020"" 1*0' - 50'
4 '3+1' - *+8'5160 6.60'" 2 . 090' 40 - .*4.6.'" 20 0' +6'51 6 ?' 6.3+0' .4' +/0" '
"0* 0 8' 6.6 - '" 60 .8'4.6 '3+ 2+8'018'9 .: 2+8':0 2 8' - 1*02.6'+6' 0 - 1 90 18' 0*.6+'
5 .020 0*6' ." 13+ ' 1 0' +6' 09 8' .,' ,*.6+8' 09 .8' 5. 608' + 6 *0*6 8' - 50 .' 40'
6 0 6.*60 8' .4'1 , + - ' : ',190 06' G+. + - '0/'" 60 . + - '1,0. 1*0' 07.6+(',0* + 6 ?
0' 0'0 "0' +6' 5 ',+ - '(. "1' : ".'06'E0 - .*1 + -'6 2+* 8',1*4 1'"1,1',1""13+0'
0*6+ ' + - ' 9 6+ ' h ""02 1R. - ' ,+*4 ',1*:0* "0*6' 55 6' *,0 6.8' 06' 3+0 0" 8'
+6 *3+0' 560 - 6.8' 40" 20 .6 1*08' ,' *40'4 00 + - '0 6 +6' 0 1*; - +8' 714. .*'
9+ *. ',1*, " '.2' "2.*1 * 6 6+6'1" - '. 0 "2 '06'51 60.' *'. ,.*+ - ',1* 64 + - '.'
03+0 0*,',1156.6+8 '06',+ - '01' 1 - 0 +8' 06'&. 9.' *6+0 5 . - ',+ - ' : ".' 0',1*'
0 0*6' ',060 ' 0*.61 08' +/0"".8' 04 0*6' (0,+*4+ - '7.0,' : ".'*.:0 8' 5 .0" '
4 . .8'1 - *0 8'06'. 6+. .8'0/'*1:.', : 6.60' .4' ,',1*6 .7 6'06'<+/6.'. ,0 - '" 6'<+206'
%+ - ',+ - ' . 1"1'l J+R. 1' E01 9 1' J 1*820 9 1' $1": ""0 1'06' A1.**0' 0* .'
- 1' 20 60* ',1 - 6 8'"09.61' .9 6' 6'3+.' .6 1*0',18' *' +.8'5. 608'50 6 .70 0' 51"%06
G+14',1 - - 16 8'<. - '.* - 8' +"5 , 1*0 - ' *<0, 6' 3+. ' 5.*'*1:.8' 08' *1*'50' 0'
4 6 1*0 - ' 04'0/',1 - 5< 61'06',1*" " 1',+ - '3+ 2+ 4. - ' 0*.6+8'5 1: *, .60' ,1* " . 8'
,". - * 61' *'5.6 .0'" 20 6.6 8'50 * , 0 - '.9 6. 0*6' 3+18'5 1 *40',1 - 5 070*4 '5". '
,+ 2' 4' +6 0 6 .' 6+ - +"6+ - ' 0 06' 0 +8' +/,"". + - '5 .0 0 6+8' - 50 ',1* 6 6+6+('
- " 60 - ' *1:+ - ' .' 0' ,1* 0 56+ - '0/6 .'+ 20 - '3+16 4 0'04+,060' 40 *40'50 '5".60.8'
+ 2 8' 06'.*60'5.".6 + - ' 04+,0 0'40' *4+ 6 .',1* +0:0 .6'01',1*" " 1' *0' 3+ '40' 1, '
,+" 8',+ - ' 5.* 8',1*" " 8' + 504"'0 .*6' * 1" 61'. - 1 + *',1* 50 6+'60 0 0*6+ '
3+14' + - ' ""0'." 3+16 08' 0, "06' 5 4 'S1*'(056'.*60'5.".6 + - ':0* 6' 06' 3+. ' +18'
.4'<.,+".*4+ - '06'4, 6 .618' 6+8'4 90*418' * 6 6+0 06'5 .0 - + - '5 151 + 6' 9 6+ '
+2 '1 - *0 8' ,11" " . 18' *'5.".6 + - ', *: - "%0': 4 6' 5 0' .4'51 6.8' ,+ " 14 2+8' .551'
6 8',1*,".:0' *'3+1',1*, " + - ' .202.6+ ' ,+ - '40"04 8' * 1R*6' .55. .6+' *6 .6'
06' .*8 0"4 + - ' . "0 - 1* + - ',1 - 608' + 4 ,+ - ' & 9" + - '5 .0 40 - ' E7 61'
5" 1 + - D' 2*: "" + - ' +4 ']' 0" 1' 0 6 + - '06' (,7. 020 9+ - '. - 218' .2'05 61" H'
40' 1040 ,',".*40 6 * ' + 50 ,18' 6 6'06' *' ?5 61 . - '41 - + - '50 '4 :0 .',1*,".: .'
*,"+40*418',+ .60' 0 561' 6.6 - '5+2", .61 '3+1' .4+ - '0/0+ .2.6+ ' *. - ',1 - 5 0'
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) ') ,6+ '41*00'*1:+8'0/' 5. * .'0/0 , 6+8' .4:0* 6' 3+ 0"9 , .8'5 1: *, .8' 3+. 6' +2' <+9+ -' - ".8' : 1R*6.'6; .** 40' 155 - 0 06' 3+0'50 506+.0' 0 : 6+6 8' .63+0' .4 ,1' 5. * , .0' *3+ 6 1* 8'<+9+ - '5 1,0 2*8' 06' ." 8' *12 " 2+8' .4' 760 *0, 1*0 -' 4, ' "06 8' - 51*0 06' (, 561' .4<+*4.' 0 .6' 5 160 6.6 1'* 7 "'40, 061' ""1' 40' 01 - 5 0' 70*40*4 8' ,1*" " . 8' .2' 4 * 2+8' * : 060 8' .671" , .0' 1* . * .0' 0" 9 1* 8' :0" 0' 9 .0 - .<0G.6 85 .0<+4 , 6 -' .4+ -' 04' .4'*0,0 ". . -'5 1: *, . + -' ,1*6 .' *<+ 6.8' 50 4+0"" 1*+ -' - . ,7 * .6 1*08' 40 0* 1*0 -'. - .' + - 56.' '* 7 "3+0' 5. * 8' .' 0"9 8' * 06+0*4+ -' 0 "0' 4+ -' "" ' .' 50 * , 1+8' ,1* " 8' ,1*6 .' 5+2" , . -'6 . *3+ "" 6.60*< .+4+"0*60 ' * 6 8' *'51 60 - -' .2 6 *0.*6 ?' *40' 3+. ' ,". ,1' 0 / , 6.6.'+2 3+0' 5"028' - .<1 0' 3+. -' .*60.' ,1* ,+ +'. - .'5 1' " 20 6.60' , .5 6' \6 ,+ -' 714 .' 06' 5. *' 0' " 3+' ,1*, " 1' 20"" ,1' 5 .051 6' 1 - *0 -' 2' .+42 6.60 -'3+. '<+ 0' +1' . 19. 0*6' 3+14' ,2""09.8' +18' *', . ,0 0' ,1*<0418' 4 ,0 0*6' ,1*, " ' +/0"". *'5 1,0 8' * : B 4 . -' :0 6 '018' 3+18' ""' , .56 :18' 4 ,02. *6' 5 16 *+8' 4 - 66+*6' . ,'" 20 18' 0 "0' 5 1' *+*, .*6' 06' . 1"+ -'$" " 55+ -'# 1 + -' . : 0, ' - . ,7 1*0 -' ' . 0716. * '4+0"8' .6 0 -'*+50 '0/ 5. * .' 0:0 + - 06." 18' 4+18' *'"1,+ -' + 5041 + -'0/' 4 + -' ,1* 0* +' 7' 0*.6+ -' ,1156. *6' %+ *' .2. *6 .0' 4 * 2+8' 5160 " .60 -' .0 +*6' +6' .4'<@+2" , . -' 0,+ 6.60 -' 4+,0' . 1"1' 0*. 6 1' 0R0 R 1 06' ." 8'6 2+* 8' 40"04+8' ' 7.20 0' 06' 104+8' ,+ -' ,060 8' 0"9 8' * 0' 51 "%0*6' 6.3+0' ,+ -' ' . **1* "8' $7 " 55' ." . * ' ,1 - 6 8' E01 9 '0 ." . * ' 0**020 9 ' 60 -' ,1 - 6 8' 06' . 1"0' 'E .+ .0' J 0' C * '06' ." 1 + -'5 1,0 + -'150 .'5 - + - '40 *' ,+ -%9' 6 02.6 2+8' .0' 51 6 0 - 1' ,+ -' J" . *4 8' * 6+ -' 104+8' 3+1' .41' + +8' 5. *'01 + - 3+0' .+61 08' . , 04.61 08' 50 4+0""08' 5+2" ,1' 4 5"1 - .60' 40,". . *6+ ' *' 43+0' 104+8' 06 . -' . ,0 '1 41' *1 - 0*' 404 6' 6. *6+ - 3+0' 14 + -' 5. *1 + -' 06' 0<04 8' "" 8' 50 .6.0' " 20 6.6 8' 40 40 + -' : ."+ 6' +6' ." 0* .0' .' 0' 0" 9 1* 8' 71 - * 2+8' ,1*<+*90 0' 0' 5 .0 +"08' . ,' . ,0 41608' 7 ' * - 0' 4+2 6. :0 *6'I' 2 3+0' 6.'50 +. 0 *6' *60 ' ,1*, :0 8' . ,' ,1*60 . *018' 0/ ,+ " 1' 0 - 0" 5. *1 + -' 20""+ -' *' 0"9 1' . "0*6 + -'<+91' 40' ,1*6 1:0 8' 0" 9 1* 8' 12' 3+.8' 616' 6+ 2.0' 0/ , 6.6.0' *6' . , "0' ,1* :0*6+ -' '' 06' 0 . 0' 018' 3+' 090 -' 3+' * 7 " - .9 8' *' :16 8' 7.20.6' 3+. -' +6' 0" 9 1' . *6 3+.' - +"6 8' "1, 8' .21" 6.' 0 6 6+ .6+ ' 06' 515+"1 + -' . * - 8' .4' 12 03+ + -' .44+4 8' 5. / ' *' 0"9 1' ,1* 6 6+ .6+ ' 7.0,' .09 0' ".6+ + -'5+60*6' 00' : ".' *60 0.' ,0 %.2.6'< 3+ '0/' J" . *4 .' *' ,171 608' 1 *0" ' *4. *'0/' "09 1*0' . ** 2. ""8' 60 - 5 '3+ .0' 4 - ".' +0 .6' 6.6 -' 0 : 1, .6' 3+ .0' 4+ -'?%0"1* .0.'50* * +".' 0" 4.' *6+0 5 . -' :0* +*6' *' 6 *0 ,' 1 076. -'06' + ' 20, .7.' 5.918' 4 5+0 +*6' 6+ *' 150 .' J . *, 0' &."40 '0/, 6.6+ -'0' 09 1*0' + 2 8' - +* - 0*6+ -' *' J". *4 ,1' 6 .4+ '3+1' ,1 - - 0.6+ - +6' 515+". 08' *60 5 06.2. *6+ ' 0/' J". *4 .' *' + 20 -' * 51 6. '5 17 20 06' '%70* 8' :0 1' 3+14' 0 6' .2. *6 .0' 155 ' 4+ - ' .' E0 - . * 8' "09 1* 8' J 1*820 9 .0' 3+' *' 5 .0 4 1' 0 . *6'. - .', : 2+8' .40 - 56.' +*6' .63+0' 0/' 01* " 1' : ".0' 06' 714.0' J0 4 * .*4+8' %1"06. *+8' 0' .6. : 8' . , ,0 6+8?' 06' 5 .0 4 . 18' .718' 0/' , .' 5 1: *, .' 404+,0 0' <) " 8' :2, .6+8' 06' .2' : ".'A1B . **08' YJ. "01*06+8' 0"15506. 1 + -'037 6+ -' 4+/ ' 3+' 50 ' J". *4 . -' .41' 6 *0 0' ,+ -' Q' 01' 0 "06' +6' (0."4 -'<+/6.' *6+0 5 . *'6 . * - 660 06' . - 6 , .'5"020' , ,+ - ' :0*6+8' + - - .' 0' : 6+60' 06' ,+ -' 4. - *1' 71 6 + -'0' - . * 2+8' 50 03+0*6 +*'0/6 , . : 6' %0*02. *6' 6+*,' *' 0"9 1' 5. * *6+0 5 05 0 - E. *40* 0 - &."0*, 0*0* 0 - ' *' .B 6. : 8' U) "6 .<04 * . -'06' & . * . -'. 008'<5 .060 0.' B' . -'+2'A+" . *+8' 1 - 0 +8' 0 .6' 06' ' 1 .0 6 .<04+* ')2' . 6 *+8' ." .' .'E0 - . * 8' 5 .0 4 . 8' 0/ "09 1*0' 20 "0' * ' ,1 - 6 8' 2' - 06+0*8' 1, ,+5.6 8' 6+ 2+8' 3 - +* :0 .6' *J .' E. 5. '' 12"0 8 " +8

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,.6 1* 8 50 03+0*4.0 50, 0 .+""1*0* 0 - ' 50 ' *60 *+*, 18 40 .+/ " 8 ,1*6 .
"5.*18 ,1 - - +*0 8 71 60 8 1" , 6.*6 ' 3+ ' .4 1,,.""1*08 *60*6+8 01*4 6 1*08 ., '
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ʃ 5$ ' ʃ -$OI ʃ UO$E?H0

& - "Rʃ ! #" ʃ " #ʃ ʃ ʃ ʃ ! # ʃ " ʃ ! #4

) ʃ ʃ?"+ 2+8ʃ # 0: 0+8ʃ 5 .00 .6ʃ 0/ 0ʃ 40, 0: "0ʃ +6ʃ ." 3+16ʃ 03+ 6+ -ʃ "5.*1 + -ʃ6+ - .8ʃ 50ʃ :.9.ʃ 71 5 6 .ʃ, ,.ʃ 1:.* + -ʃ "5. .8ʃ *60 , 50 06ʃ ,1*6 *+1ʃ .4ʃ +18ʃ - 66+*6ʃ 01"3+0ʃ 40ʃ ,1*" " 1ʃ 71 6 ^-ʃ 00 6 1 08ʃ ., +*6ʃ 06ʃ 0 *. 4 *+-ʃ 0*41C.-ʃ *5 - 8 ʃ *ʃ 3+0-ʃ 06ʃ *61* + -ʃ,ʃ :."+ -ʃ ,"15506. 1 + -ʃ 03+ 6+ -ʃ 4+,0 -ʃ 5 - +8ʃ - 506+8ʃ ., 0*4+8ʃ 0 .6ʃ 5 6ʃ - +".61ʃ 4 ,0 +ʃ 3+. ʃ ,+ -ʃ 1 - * 2+8ʃ ,15 8ʃ ""ʃ J".*4 . -ʃ 6 .* ʃ - " "0*6ʃ 6.*6+ -ʃ /ʃ 0/504 6.8ʃ ,171 608ʃ .4ʃ "1 60* 0 8ʃ - 66+*6ʃ ,060 ʃ 1 - *08ʃ *ʃ .ʃ 2.*6 .ʃ 0 - .* 0 +*6ʃ + - 3+0ʃ 03+ 608ʃ 2 4+1ʃ 51 6ʃ 71 5 6 .ʃ - +6. 0*6ʃ ʃ &. 9.ʃ <:</6.ʃ & 0*.,+ -ʃ *60ʃ 1:.* + -ʃ 06ʃ ʃ %70*.8ʃ 1040 .61 + -ʃ ,15 .8ʃ 0 - *+8ʃ ,1* 5 ,.6+8ʃ +6ʃ *60 -ʃ +18ʃ .4ʃ 5+9*. -ʃ * 6 +0 06ʃ 0/ʃ 0 41C.0ʃ ,1* " 1ʃ 6+2 , *0 -ʃ .4ʃ 018ʃ - 66 6ʃ 3+ʃ 3+. ʃ 5 6 *.ʃ . - , 6 .0ʃ <+ .ʃ *60ʃ 018ʃ +65160ʃ 0 40 -ʃ 5 *, 5ʃ - " 6.*60 8ʃ .47+,ʃ 1* 6. 0*6ʃ 0ʃ . - ,18ʃ :0* 0ʃ 1 60*40 0*6ʃ *0,ʃ : 40 0ʃ ,+ ʃ 3+ 43+. -ʃ 71 6 "0ʃ ."60 ʃ *ʃ ."60 18ʃ - 1" ʃ 402 0*6:ʃ &0 + -ʃ " ʃ 3+ʃ * 7 "ʃ 4+ -ʃ .+6 5., .6+ -ʃ .2ʃ 5.* 8ʃ 0/ʃ 50 6. 0*6ʃ 6+2 , *0 -ʃ 0 - 0"ʃ .63+0 60 + -ʃ - + -ʃ *<+ 1 0ʃ 05+"0 +*6ʃ 0650ʃ - 50?ʃ 4 6.ʃ 06ʃ * 3+.ʃ 03+ 6ʃ "1,.ʃ +"60 +8ʃ %0 - 50ʃ 5 1:07+*6+ ʃ 1"" 8ʃ *60 <.,02.6ʃ *ʃ ,+<+8ʃ - 1ʃ ,0"".ʃ 1" 6. .ʃ 0 .6ʃ 51 6ʃ 3+. -ʃ 0 - 06 +8ʃ . 6.ʃ ,1".ʃ . 6.0ʃ "09.6+8ʃ ,+ -ʃ 0<+8ʃ ".ʃ ".60 0ʃ <+ +8ʃ 12<0 61ʃ "1,1ʃ +6ʃ .ʃ 1040 .6 8ʃ ,0 *ʃ *1*ʃ 51" 06ʃ 3+ʃ *ʃ 504 6.6+ -ʃ 71 6 ʃ "0*ʃ <. -ʃ 5 .060 :04+ -ʃ *0,ʃ 5 +8ʃ 50ʃ ".6+8ʃ - 5 0 " 1*0 -ʃ .,0 06ʃ 5 ʃ 0* -ʃ ,, ʃ 40*41ʃ 0/ʃ ,1* .91 8ʃ "" 8ʃ .*9+ 6 8ʃ *ʃ 5.60*6 1 08ʃ ,. - 518ʃ 0:. 0 0ʃ %+ *ʃ * 03+0*6 ʃ 2+8ʃ 71 6 2+8ʃ <+ "ʃ ,"15506. ʃ 03+ 608ʃ 8ʃ (03+.*ʃ, , 60ʃ ʃ *ʃ 50408ʃ 40 ,0*40 0ʃ 3+ ?ʃ 2+8ʃ 0ʃ A1.*ʃ .56 6ʃ ? 1*6.*+8ʃ 4+,0 -ʃ 5 .02+ 6ʃ 06ʃ ,+ -ʃ +2ʃ 4ʃ A . +8ʃ 1 - 0 +8ʃ 1 60ʃ ,+ -ʃ / / :ʃ 40"04 8ʃ .+/ " .ʃ ".21 .*6 2+8ʃ E.*40* 8ʃ . , 8ʃ 5 .0 4 . 8ʃ 506 6+ +8ʃ ʃ 50 :,* "%06ʃ "" ʃ 06ʃ (03+.*1 -ʃ 0/, - 5"1ʃ *ʃ 50408ʃ ,+ -ʃ ,"15506 8ʃ 40 ,0*4+*6ʃ 06ʃ 1 ʃ 6 60ʃ 5+9*. -ʃ ,.50 "+*6ʃ 4ʃ 0/6 0 - + -ʃ *,+ - 20*60ʃ *ʃ ".6+8ʃ 5 16. + -ʃ 03+ 6+ -ʃ .9 - *0ʃ 1040 .6ʃ 504 608ʃ +*4+*6+ ʃ 06ʃ *ʃ +9. -ʃ :0 6+*6+ ʃ *609 1ʃ .47+,ʃ 5 1 + -ʃ 03+ 6.6+ʃ *ʃ 3+0 -ʃ,+ -ʃ + +8ʃ 0 *. 4 *+8ʃ 0*41C.ʃ,+ -ʃ +.ʃ $06 ʃ ʃ %./ 8ʃ 06ʃ &. 9.0ʃ .""8ʃ - .9*1ʃ - 506+ʃ *,+2+ "%06ʃ 06ʃ 5 0ʃ 4 6+ 2.6+8ʃ 0 6ʃ ʃ 013+0ʃ ,1* " 4+ʃ 5"0 3+0ʃ 0/ʃ 1:.* 0* 2+8ʃ, : 2+8ʃ 06ʃ 8ʃ 3+ʃ 0.ʃ *ʃ + 20ʃ 4.*6ʃ 150 . -ʃ)60 8ʃ 3+. ʃ .4ʃ 504.,+"+ -ʃ - 5 +40*60ʃ +"60 +8ʃ 3+. -ʃ 152 6+ 6ʃ 5 1:040ʃ ,+ -ʃ ." 8ʃ *60 04ʃ +*6ʃ 4ʃ .,, 4 0ʃ ʃ (ʃ S."ʃ 4 ʃ G+1ʃ .41ʃ ,+ -ʃ " 1* +8ʃ &. 9.ʃ .4ʃ "1 60* 0 8ʃ 04 6 1 18ʃ 6 .* "06ʃ 3+1ʃ <. -ʃ :0*0 .6ʃ $0 4 *.*4+8ʃ %1"06.*+8ʃ *1*ʃ 6. - 0*ʃ 01 + -ʃ 5 0, 2+8ʃ 1260 6.6 1* 2+8ʃ .+6ʃ - * 8ʃ *03+0ʃ 12:0 .*60ʃ .*60 1,+"18ʃ . , 8ʃ E.*40* 8ʃ 50 ,+"1< .ʃ 1041ʃ 5 151 61ʃ 0:1,. 516+0 +*6ʃ 5.". -ʃ 0ʃ * ʃ 05 0 0*6.6.ʃ 50,+* .ʃ .4ʃ 9*.ʃ 04 6+ 18ʃ *09.*608ʃ *ʃ . ,0ʃ E.*40* ʃ 5.+,ʃ 5 .0 4 . ʃ 0 .*6ʃ *. -ʃ 5.*ʃ 0 0ʃ 1 - *08ʃ "1 6+ -ʃ 50ʃ 5 .04.,ʃ 06ʃ " ,0*6 .0ʃ 4+",04 *0ʃ *0 ,.6ʃ 0ʃ ,1*6+"0 .*6ʃ 06 3+ʃ 0 - .* 0 .*6ʃ .+6ʃ - 0 - 2 8ʃ - +6 ʃ ".6ʃ .+6 0"9.0ʃ 0 .*6ʃ 3+0ʃ ,+ -ʃ *+50ʃ .4ʃ " 9*.6 1*0 -ʃ 09 0"" ʃ 0 0*6ʃ .ʃ +6 .* 8ʃ - ."0ʃ .,,0560ʃ +0 .*6

ʃ ʃ 9 6+ ʃ 5.*ʃ 4+,08ʃ * 7 "ʃ 5 1 ,0 0*6ʃ 06ʃ 7 0 6.ʃ, ,+ -ʃ 1 - * .ʃ *ʃ J".* ʃ 4 .ʃ ,0 *0 0*6ʃ + +8ʃ .4ʃ +18ʃ *ʃ .2.*6 . -ʃ (,."4ʃ 6 .* - "2ʃ 040+*6ʃ +2ʃ ,19* 61ʃ 1040 .618ʃ 40ʃ ʃ % .<041ʃ .4ʃ 1 . - ʃ 3+14ʃ .2ʃ "5.* 8ʃ 06ʃ E0 - .* 8ʃ .47+,ʃ 60*02.6+ ʃ *ʃ 5160 6.60 -ʃ 04 90*41ʃ ,19 6.60ʃ 01ʃ .*60ʃ 1 - * .ʃ 4+,+*6ʃ 3+14ʃ 6. *ʃ 1551 6+*+ -ʃ .4ʃ *6 14+,0*4.8ʃ 0/60 *.8ʃ ,15 .8ʃ "1,+ -ʃ *ʃ 40ʃ 0 :. ʃ .4ʃ . - . -ʃ 06ʃ 5 1: *, . + -ʃ 0,+ʃ 6.60 -ʃ 50 6 *0 0ʃ 0/ 6 - . 0*6ʃ) 20 -ʃ 5 .0 4 1ʃ 60*02.6ʃ J .*, 0+8ʃ 1*60 41,.ʃ ,+ -ʃ 3+1ʃ 0 .*6ʃ :ʃ E0 - .*1 + -ʃ :0/ "".ʃ 0/ʃ ,1 - 6 8ʃ 20 60* ʃ "09 1*0ʃ ,+ -ʃ 3+ 2+8ʃ ,". -ʃ 5., ,+*6+ ʃ 155 4.* ʃ 06ʃ 40ʃ .,,056.ʃ 3+. ʃ 40ʃ 05+2" ,.ʃ ,17 +"6.6+ ʃ - .9 6 .6+8ʃ 1*60 41,. -ʃ *ʃ .040 8ʃ 5+2" ,.8ʃ :1,.*6ʃ """0ʃ :0 1ʃ 3+.*3+. -ʃ *1*ʃ 1 - * 6 1ʃ 9*. +8ʃ 3+ 4ʃ ʃ - 1" 0*6+ ʃ 6. - 0*ʃ +6ʃ - 06+ -ʃ 6090 06ʃ 06ʃ 4+, .ʃ +.ʃ 155 4.*1 + -ʃ ,1* " .ʃ 3+1+ 3+0ʃ 1, .0ʃ ,15 .0ʃ .4:0*" 0*6ʃ 6.*6 "50ʃ 06. 4. 06ʃ *6 05 40ʃ .4ʃ 018ʃ :0* 6ʃ 1/

L

ʃ 5% . 0 (0$ʃ 2ʃ ʃ , $ 2 , !$ 8 ,)$ ʃ 2 ʃ)ʃ Iʃ ! / ʃ 2. " !#ʃ
) (! "#)$ ʃ !# ʃ 52$!)$ 52 . ' #)$ 3/#

)'( )!X' ')#' & eq

,6+8'15 * 1*0 ,1 - 5 070* +8' *' ,+ 614 . -'6 .4 6+ ' + 6 .'0* 60*60' . 6 *1' .".' 3 G:
5 +8' "09.61' +6' , .56+ - ' ,1*6 .' 40 - ' 4.6. - ' " 20 . 06' %.*40 - ' 5 0' .2' 155 4.* 8 ,+8'
,+ - ' +8' 05+" +8' * ' .& R.*+ - ' +2+ 2 + - ' 6 .*8' "+: + - ' 0/6 +4 6+ ' $.+, ' 0/' +8' '
6+ 0 8' + 2 8' .' 0' .*60.' - +* 6.8' 51 6.0' +/0""0* ' , ,+ - 51)6.8' ,1* +90 +*6' 3+'
.*603+. - ' ,1 1*.' , *90 0*6+ ' +50 :0* 0*60' / ' S." ' 1& ' J0 4' %1"06.*1' 06' ?
&. 9.' ,+ - ' 504 6.6+' 06' 03+ 6.6+' 06' - 51" 6 8' *' "0 - 218' .4' 4' .2' .".' 5. .618' 504 6 '
2+8' 40"0 6 8' .63+0' ." 3+16' "0: 8' . - .6+ .0' 03+ 6 2+8' 4+,0' $06 1%. / ' 1, 1 5 - ' 3+'
6+ 0 8' 60*02.*6' 150' .4<+6' 9*0 - ' ' 51 6. - ' *< , +*6' 0.3+0' *,0* .' ,1* 0 6 - ' '
+ - 5+*6' .,' 40<0 " 8.4' : ,1 + - ' .*9+ 6 .8' 4 "51" 6 8' 41" 1 + .' 12 , 2+8' 06' 1 ""8' +'
50 .6 8' 12: 18' 3+1 3+0' *+"" ' * 6 1' 5. ,0*608' *60 , +*6' 140 - ' 60 - 51 0' J0 4' %1 '
"06.*+8' 06 . 6 *+8' .".' 50 ' 51*60 - ' : - ' .0 +*6< 06' 0/5+9*.6.' - +* 6 1*0' *' 01' 0/ '
6 + 6.' 5. 3+0' .4' 60 1 0 - ' +2 3+0' 9* 2+8' .4' ,.040 8' .,' 5 .04.8' 4 ,+ +*6' .*60'
1 - * .' .".' .4' .040 8' 5+2" ,.8' 60*4 6' +6' 1*60 41,. - ' " 20 6.6' 0 6 6+0 06' %+ *'
*+""1' 0/+8' 06' .06.6 8' 4 , - *0' 5. - ' .0: 6+ ' E0 - .* 8' *+ 3+. - ' .4' 0"6 60*4+ - '
,1 - 5. 0*6 2+8' 3+' .4' 6+ - +"6+ - ' .4' (' (0 :.6 ' 5".60. - ' 0' ,1*6 ./0 .*6' 0.40 - 3+0'
"0: 6.60' 3+.' ,+ - ' 155 4.* 8' *+50 ' 505 90 .*6' .4' 5.*18' 6 .*8 +90 +*6' 06' * 9*'
50 4 .' *' 018' 3+18' 6+0*418' + ,050 .*6' 5.* 8' - - 6' *+""1' *1*' 90*0 0' .5., '
6.6 8' 2.,,7.6' +*6' % .<041' *' 5160 6.60 - ' 04.41' J0 4 *.*4+8' %1"06.*+8' 5 .0" '
4 + - - 51 + 6' &. 9.' 50 ' : , *.' "1,.' 03+ 6.6+ - ' 4 6 2+ 6' 0,056 8' 0+' &' 0+' 40'
4 6 1*0' , ,+ - 51" 6 8' . 0 2+8' ' *' 3+.6+ - ' +*.' *61* *8' %1"0X.*+8' 6 2+*+8' 4+ - . '
<1 8' ,"15506' *60 04+8' 0 6

" ' G+' 1' +,,0"%+' ,+ - ' *9,*8' "5.* ' *1 - * 8' 60 1 ' 50 ' +* :0 +*' 0"9 + - ' 4 '
4 6+8' 0 "06' 4 *+ - ' ,1* " . ' 3+' +/0"" 8' 0 .*6' *6+0 5 .0' *0' 40 - ' .,, 40 06'
- 06+0*608' + 20 - ' .*60' 1 - * .' ,1*6 .' . , 8' 5 .0 4 . 18' - .*4. - ' 40, 0:0 +*6') 2 '
5 .00 .6' J 40 ,+8' $0 0*16+8' . - 5.* .,+8' E .*:0"".* ' ,. 4 *." 8' .60 ' .2' "5. '
1 + - ' 5. 6 2+8' ." 0+8' 06' ,+ - ' 01' 671' 20 60* +8' ,1 - 08' ,+ - ' / : ' E0 - .*1 + - '
9* 8' 3+' .*60.' .' (.*4 1' : ".' 1" , 6.6+8' ," - ' 5.* 8' 505 90 .6 40' +6 *3+0' 4.6. '
+ 20 - ' *' $7 " 55 ' 40' 0 :.6+ 18' & , " - ' : ".' 40 - ' 12 6 */0 .6' 0' *03+.3+. - '
506' . ,0 - ' J" 5.* 8' .4 6+ - ' *' + 20 - ' 5.60 .4+ + - ' ' * 6 + - 0*6+ - 3+0' 0.' 40' 0' ,1* '
04+ - ' +0 .6' ,+' +2 , 5 0 0' 20 60* +8' , ' U$1": ""0 +8' E. .8 %1"06.*+8
. 1"+8' 8' J+R. +8' "0/.*40 ' E1*C.9.' (.*4 +8' : ".' J .*, ,+8' ' &0 4+9+8' $1 60.'
20 0* +8' ,+ - ' : 40 06' 5.*18' 4' .90 0' +6' 4+ - ' : 0 8' ,1""09 "0*6' 60 - 5+8' 4+,0 '
0*6< *60 0.3+0' 5 .04.0' 15+"0*6 - ' 6161' 1 20' 0 - 51 ' *7 . 0' 3+. - ' 71 - *08'
.:. ' 12".6.' *1 : ' - 16+8' .401' 1551 6+*.' 1,,. 1*0' <. - 5 40 - ' 50' 40:1 ." 0*6' ,+ - '
. - 5.* .,1' .9 6' 06' 4 *+ - ' 0*.6+8' 40 - ' 0' 0,+6+ + - ' 0,05 6' .' 40' 5 +8' 4.6.'
- * - 0' 0' 5 1560 0.' 0,0 "+ + - ' 0/ 6 - .*8' 3+ 550' ,+ - ' + 20 - ' *' 40' $7 " 55 ' 3+'
1 - *0' - 50 ' +5 0 - ' <+8' *' 0*.6+ - ' 6 .* 6+" "06' 0' 0 :.6+ + - ' 5 1 - "06' (0,+* '
4+*Q7.0,' &' 0"9. + - ' 9*.' 0/' "09 1*0' 1*4 .91* ' 3+.0' .47+,' = /0.0' 0 .*6' .'
0*.6+' 0:1,.6.' *6' 3+.0' 4+,0' J 40 ,1' ,+ - ' .4' ?h ."0 - + - ' *60 ' 0,7" * . - ' 06'
6+0 5 . - ' :0 " 0*6' 06' 5.9+ - ' 51*60 ' 3+1' ' 6.' "+: +8' 6 .* - 66 6+ ' 1551 6+*+ - '
2' 71 5 6 + - ' + - 5 "0*6' - 1/' A+" .*+8' D 1 - 0 +8' 3+' . - ' 5 .0 4 1' 60*02.6'
01' ,+ - ' ' 40"04 8' ,"15506. 8' 0 *. 4 *' 0*41C.0' 06' . 6 * U C.0' ." 8' .4:1 '
".: 6' 06' 1040 .618' 5 - 1' - 506+' "1,1' 50"" 6' $.+, ' ,+ - ' J 40 ,1' 6 2+*1' *' 60 *'
5"+ - ' ,1* +90 +*6' +2 ' ,+ - ' 6 2+*+8' 5 0' *' 6+ 0 - ' 51 6 0 - 1' 0:. "06' *0,' +"".' 508'
.+/ " ' 0 06' 9*0' - - "2' 404 6 1*0 - ' .,0 0' ,19 6+ ' 06' 50 ' +*0 - ' 40 - "+8' <. - '
,.".' *,0* .' .4 1 - 0 + - ' .44+ 6+8' 0 6' G+1' .41 ' 5.* ']' . - ' 0:0 6+*6+
$.+, 3+0' *60 <04 8' 4 02+8' ,+ - ' 0*+*, .6+ - ' 0 "06' J"1 + - J"1 1*+ - . "0 - 1*6
,1 - 6 8

% $ ' ' .' ' + ' + 6 $' '3 ' ' 0' ' '. ') ' G'
:' ' , -' '4 U ' / ' ' $> . ' // ' R ' $' 6 $'
V' " ' \' ') # $' D5 ' ' 5> $' '% '& ' ' >

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& ˁ,16 " 48ˁ " +* ˁ3+ ˁ ,+ - . 09 4 1ˁ 0 9 1ˁ .6 0ˁ *+50 ˁ 5.*.8ˁ 5. 608ˁ 40 , +0 .6
' # ˁ ˁ,+ - ˁ:ˁ"09 1* 8ˁ +.0ˁ 9* 8ˁ0ˁ .6.: 8ˁ:0* 0*60*"ˁ 0,7" * . - ˁ60*40 0ˁ06ˁ *60 ˁ . - ˁ06
0 0*6.". - ˁ 60 ˁ .,0 0ˁ ,1*6 *+0 1 - 0 +8?ˁ,1*6 .ˁ,18ˁ4+, 6ˁ ,+ - ˁ , , , , ˁ ,"15506. 8ˁ
06ˁ 0 * . 4 * 0*41C.0 .". ˁ<. - ˁ5 1 +*4.ˁ* 140 ˁ+6ˁ0/6 0 - + - ˁ 1040 .61 + - ˁ.9 6 0*ˁ
,. 50 06 ˁ 5 .0 - 8ˁ 3+ ˁ *,040*60 8ˁ:0" 6.6 1* 2+8ˁ 4 6 *0 0*6ˁ 4+ - ˁ504 6.6+8ˁ.4:0 ˁ
* "06ˁ A. - ˁ."20 ,0*60ˁ 4 0ˁ ,+ - ˁ 8ˁ5 .060 ˁ15 * 1*0 - ˁ.55. + "06ˁ J 2 1*+8ˁ 05 2 8ˁ
12<04 8ˁ6+ - +"6+. 0ˁ. , 0 - ˁ * 6 + 6ˁ 06ˁ * 0 6.ˁ9 .*4 1 + - ˁ ,"155061 + - ˁ4 5"1" 1*0ˁ
4 +ˁ - 506+ - ˁ + 6 *+ 6ˁ 4ˁ 0/6 0 - + - ˁ *,+ - 20*60ˁ03+ 6.6+ ˁ4+,0ˁ J0 4 *.*41ˁ " ˁ
"0 1ˁ (.*41:."0* ˁ 0 * . 4 * ˁ 0*41C.0ˁ "09.61 ˁ 1040 .6ˁ1, , ˁ . ,ˁ4 6+ 2.6ˁ +*6ˁ
. - "8ˁ ˁ" 9* 8ˁ 5 0ˁJ"1 1*+8ˁ.2ˁ *61* 1ˁ2 + 1ˁ, .56+8ˁ06ˁ . - ˁ4+4+8ˁ . 6 *1ˁ
C.ˁ *ˁ01ˁ,1* " 4+ˁ40" 40 .61ˁ 1/ˁ06ˁU .5 ." 8ˁ3+ˁ.4ˁ 4 *+ - ˁ5. 608ˁ40 0,0 .6ˁ
,+ - ˁ"09 1*0ˁ +.ˁ ˁ +8 0" *+ - ˁ:0* 6ˁ ˁ.ˁ .ˁ - "" . 2+8ˁ +6ˁ51*60 - ˁ9ˁ 6.0ˁ01ˁ"1,1ˁ
- 51 6+ - ˁ * 40 06ˁ3+0 *ˁ 1 - 0 +8ˁ ,+ - ˁ + 8ˁ1, ,+ 0*8,+ - ˁ4. - *1ˁ 05+" 6ˁ40,+E ˁ
3+0ˁ 0ˁ 90 6.,ˁ50*08ˁ *4 0. - ˁ + 6.4+ - ˁ 0*41C. - ˁ3+ ˁ6 1*+ - ˁ,171 60 - ˁ4+, , ˁ
2.6ˁ + 6ˁ *60 0.ˁ 0*.6+8ˁ3+ ˁ,1*.6+8ˁ "5.*1 + - ˁ3+1ˁ60*40 0*6ˁ: 40 06ˁ *6+0 ˁ
5 .0ˁ 0,+ 6.6ˁ.*60ˁ1 - * .ˁ,1* +"0 0ˁ 6.6+ 6ˁ ˁ 04ˁ 0 +8ˁ3+. - ˁ+6ˁ - - *0*6ˁ50 ,+"1ˁ
5 .0:0 6ˁ51 06ˁ . - ˁ ,+ - ˁ ˁ . - 5.* . ,+8ˁ<. - ˁ.*60ˁ +. - ˁ150 . - ˁ 4 * 2+8ˁ406+ ˁ
" 06ˁ06ˁ 50, 0ˁ,1*, " ˁ *ˁ+ 20ˁ7.20*4ˁ 5.*1 + - ˁ6 2+*08ˁ 0ˁ,1 - 5 070* + + - ˁ
3+ 40 - ˁ 2ˁ06A1.** < 1 "0*7. - 1 20 60* ,1 - 6 8ˁ"09.61ˁ 4ˁ *0916 ˁ, 040 06+ ˁ
51") , 6+8ˁ0"%06ˁ 4 *08ˁ 4ˁ5 .0 - .6+ 0ˁ 0 ˁ .6 ˁ5 .051 60 .ˁ,+*4.6 1*0ˁ4 6+"0 +*6ˁ
3+14ˁ 6+*,ˁ .4+ - ˁ - .9*1ˁ51 60ˁ0 - 56+ - ˁ :1"+ "0*6ˁ ˁ %.*40 - ˁ0:1,.6 8ˁ ˁ 1:.* 1 ˁ
0,7" * .ˁ06ˁ : , * 8ˁ"1, 8ˁ5 .0" 4 8ˁ - ".ˁ *6+0 5 . - ˁ/ / ˁ:0/ "".ˁ0/ˁ6 1* 2+8ˁ 0 0ˁ
4+,0ˁ$7 " 550ˁ . 1"1ˁA 1 1ˁ .: 0, ˁ - . ,7 1*0ˁ: ˁ$7 " 55ˁ 0 - 1*4.* ˁ,1 - 6 8ˁ
. ˁY 00 ,0" ˁ # 0 0 ˁ,+ - ˁ :ˁ03+ 6+ - ˁ." 8ˁ4+48ˁ . 0716.* ˁ 5 +8ˁ .: 0, ˁ
,1 - 6 8ˁ Bˁ 1 +: ˁ06ˁ ˁE.*40* 8ˁ: ,0,1 - 6 8ˁ ˁ * +50 ˁ: ˁ"0: 8ˁ. - .6+ .0ˁ6+ - 8ˁ
0: 01ˁ06ˁ .5 ."ˁ4+, 2+8ˁ<3+ 2+8ˁ+* :0 8ˁ5 .00 .6ˁ E1 * +8ˁ,. 6 1 + - ˁ5 .0 04+8ˁ
&0*0 0ˁ7.0ˁ,15 .0ˁ ˁ 1 90 7+6+ - ˁ06ˁ.4ˁ+ 2 8ˁ+ 3+0ˁ51 6. - ˁ :ˁ 1* ˁ 1:0 - 2 8ˁ&0B
*0 8ˁ4 0ˁ< 0. + - 3+0ˁ.4:0*6+ˁ,+ - ˁ 08ˁ<. - ˁ *ˁ+ 20ˁ6+ 2. 0*6ˁ06ˁ - 06+0 0*6ˁ155 4.* ˁ
*0ˁ 3+1ˁ5"+ 08ˁ - " 608ˁ *ˁ+ 20ˁ0 0*6ˁ01ˁ5"+8ˁ 71 6 + - ˁ *ˁ: 00 2+8ˁ7.20 0*6ˁ3+ 550ˁ
3+ ˁ 0 0*6ˁ15+"0*6 . - ˁ +. - ˁ - +"618ˁ 2ˁ71 60 8ˁ,1*, " . 0ˁ - .9 6 .6+8ˁ *0ˁ.+/ " . 08ˁ
.4 - 660 0*6+ ˁ *60 ,0 6ˁ, .+ .6+8ˁ*+""+ - ˁ 5 18ˁ.ˁ 0*.6+ˁ4 5"1 - .ˁ." 0 0ˁ 0 ,ˁ6+ *ˁ
+6ˁ *60 ˁ . - ˁ,6ˁ - 06+ - ˁ50 ˁ ,1 6 1*08ˁ,1* + 0ˁ.9ˁ1 - * .ˁ< 5. " - ˁ3+ 3+0ˁ1, ,+ 0 0ˁ
06ˁ.2<04.ˁ5+2" , .0ˁ ."+6 8ˁ,+ .ˁ5 :.6 - ˁ 2ˁ,1* +"0 0ˁ50,+* .* ˁ*1 - *.ˁ06ˁ5 06 1 .ˁ
3+.03+0ˁ 051*0 0ˁ06ˁ3+. ˁ5 .0 .9 8ˁ +6+ ˁ - 0*6 2+8ˁ"1, 8ˁ.24 6 8ˁ1, ,+"6. 0ˁ . - 5.B
* . ,+8ˁ 5 0ˁ 3+ ˁ :0ˁ:0 6+8ˁ *0ˁ0/ˁ155 4.71 + - ˁ6+ - +"6+ ˁ3+14ˁ. , , 4 6ˁ 5.* ˁ 0ˁ
90 0*4.0ˁ1, . 1*0 - ˁ. 50 0*6ˁ :0ˁ1, ,+"61ˁ" :1 0ˁ *0ˁ.+/ " . 08ˁ1 - *0ˁ * 50 + - ˁ
2ˁ + - 0 0*6ˁ 0ˁ0/,+ . 0ˁ5.+, .6+ - ˁ71 . + - ˁ - 1 . - ˁ51 00 0ˁ4+ - ˁ.4ˁ 0*.6+ - ˁ 0ˁ
0 2. ˁ3+1 + - ˁ 0 51* 1ˁ. , ,0561ˁ155 4.* ˁ6+ - +"6+.*608ˁ5". , . ˁ51 " *6ˁ *60 - ˁ
.6 8ˁ0"%0ˁ.4ˁ+ 20 - ˁ *6+8ˁ6+0*4. - ˁE0 - .* , .8 20 60* ˁ,15 .8ˁ3+.8ˁ50*08ˁ 0ˁ7.20.6ˁ
1 8ˁ.+/ " . + - ˁ+6 " 1 0 - ˁ150 . - ˁ 1 0ˁ.4ˁ5 17 20*4+ - ˁ 5.*1 + - ˁ *ˁ. ,0 - ˁ * ˁ
9 0 "+ - ˁ ˁ1 . 0ˁ 9 6+ ˁ*0ˁ0/6 .ˁ+ 20 - ˁ - .*0 0ˁ9 .:0*6+ ˁ+2ˁ1 - * .ˁ . J.6 - ˁ0 8ˁ 6ˁ
+5504 6.6+ +8ˁ6.*6 50ˁ4+ - ˁ5+ 9.6 8ˁ + 5 , 1* 2+8ˁ,+ - ˁ21*.ˁ155 4.*1 + - ˁ9 .6.ˁ
*ˁ 20 - ˁ.4 - 66.*6+ ˁ 1*6 .ˁ .: 0,+8ˁ 1, 1 + - ˁ*1 - *0ˁ * 6. 0ˁ +6ˁ *0ˁ - 1 .ˁ. , ˁ
, 50 0*6+ ˁ ˁ ." 13+ ˁ 1 0ˁ +6ˁ ˁ.ˁ 9* 8ˁ4 ".2.*6+ ˁ06ˁ 1 6. "0ˁ06 . - ˁ .4ˁ71 60 8ˁ6 .* ˁ
+9 .*6ˁ06ˁ+6ˁ *ˁ 40ˁ - .*0.*6ˁ50 ,+"+ - ˁ0 0ˁ *0ˁ *ˁ.9 1ˁ+6ˁ*+50 ˁJ"1 1*+8ˁ06ˁ51 6ˁ
0+ - ˁ .5 ." 8ˁ *60 , 5 .*6+ ˁ06ˁ ,+ - ˁ6 1*08ˁ 0 0ˁ .6ˁ.ˁ :060 .* 8ˁ 5.* 8ˁ
* 3+1

% $ ˁ N 9 S ˁ ˁ " # ˁ ˁ ˁ1)$ 1 !#)ˁ ˁ1 ! ! ˁ ˁ- ˁ ˁ+ ˁ
,ˁ$ 20)ˁ 2ˁ ˁ ˁ ˁ # 28 / ˁ 2- ˁ $ 2 ˁ / " !$ 5 !/ "$ 2 F
, !ˁ 9# !)$ ˁ ˁ ˁ " *)ˁ ˁ1 , 3$ < ˁ $, ˁ1 $ C ˁ ˁ ˁ!#ˁ 2Y ˁ, "# ˁ
ˁ9 ! $ # ˁ ,)ˁ ˁ ˁ)$ J ˁ9 ! ! ˁ 2) /# #ˁ

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* 3+1',1*9 0 "' 1 - * *1'40"0.*6+ ' *60 '7.8 :0 21 + *',1*,0 6.6 1*08 126, 6.6 1 ' &
* 2+8 06 5 160 6.6 1* 2+8 .2 U .: 0,1',1*6 .' . - 5.* .,+ - '06 *6+0 5 0* 0 8 *60 # '
51 6 8 0/.,0 2.6.8' 2 51": ""0 +8' J 1*820 9 +8 06 PJ+R. +8 0/'. ,0 .4 20 60* + -
f0* +*6< 0+ - 3+0 50 '4.6. -'*+50 ' 5.* 8 40 -'1260 6.*6+ '+6 0*.6+8 06 4 *+*
- .* , 6.' 020"" 1*0 $7 " 55 ' .+41 6.60 -'155+9*.*6 + -'5. 608 40 0 .6' *40',+ -
.5+4 5 + -' * 7 " 50 ' * 7 " - * 8 < 1 ,0 0*6' J+R. +8 ,0*6+ 1*08 ," . -' 1" , 6.6
15 - .0 5 .04.0 12'1,+"18 12:0 .*6 8 50 1 60*6.6.'5 0*".6 8 06 . -' 01 -' - " 6 2+8
G+14 +2 ' : 4 6 20 60* +8' .0 5 15 1 ' .2 01 3+.0 : 6'3+ 4 5 ' ,+ -' + 8 - " 6 2+8
*0916 ' *60 ,04, 06< +.8 08 ,+ 06 '06 :0"". - '+*40 *+50 ',+ -'4040,1 0 0/5+" +8
7 '5 1 , ,.6+ ' G+ 2+8 :0 2 8 .4 9*1 - * . -' .44 6 8 0/.,0 2.6' *: ,0 -'. - .'
6 39+*6 '06 20 60* .*'*+ - 0 1 516 1 08 J+R. +6*'06 ." 18' *' . ,0 -',1 - 50""+*6
60 0.'.' 0.6+ 4 5"1 - .':0* 6 ' 3+1' *6+0 5 0* 08 <+202.*6+ '5 .0" 4 + -'. , , 50 0'
3+1' 51 6 4 0 : /'6.*40 -'.2 155 4.* 8 '50 ,+"1' +4 04' 0 +8 - 1* 6 8 '.4 - "%1'06
71 5 6 8 504 6'. ,0 -':0 +8 '03+ 6 2+8 *' 1 5 03+. 1'. 9*.6 8' 5.*' * 0 6.'0/'
. ,0 4 5"1 1*0 +" - *.*6' :0 - -'0 + - 50*6 2+8 06 <. -' 9*0 -' *'41 - 18 : , *.8 <.'
,+".*6 2+8 '4+,0 E. 5. 0 U . 6 71 ' 5.* 8 1 6 60 ' 0 6 6 6 'J1*6.*+8 E.""+8 *12 " 8
1 4 *+ -'4+41 ' 1*6 .'.+/ " . 08' .** 60*60 . - 5.* .,1':.""+ -'<., +*6 '06 1" 8
.*60 3+.6+1': ,1 + - '3+'. ,0 -' 0 5 , +*6' .+,08 4+4 8 0 - +* +*6' 5 15+9*.,+'
"+ -' 60 -' 6+"*+"6+. 1' 150 0' *' 3+1' .4 / '71 - *+ -'4 1'0/'155 4.* 8 ".21 .2.*6'
0 0 6+ -'06 41" 8 60 .'155"06 8 '06 ., , 8 60 .'"+5+"1' ." 4. 1'06 9". 61'5"0* 8 '.990'
0-' - .*6' (04' *'71 5 6 8 4 6 2+0*4 8 ,+ -' +2 6.'0 "06 4 " 0* 1'06 0"9.0 15+'
"0*6 "" - 1 + -', : + -' 2'41 - 18 4051 ,0 0*6' *09"04.0 *60 -' 6.6 1*08 '06 ,+*4.'
0,+ +8 '3+. -'151 6+ 66. -'5 .0 0*6 '50 ,+"1'.4 - * 6 .6.'6.*6+ -'61 - 0*6.' *'
71 6 8 9".4 .61 + -'4 51" 6.'01 ,1*) 1'+6 ,1*6 . .':0 20 .6 1*0 16.0 61 - 0*61 '
+ -'. , 8 ,1* *90 076+ ' 6.'*1/'6 05 40 *' + 20 0/.4.' (+ - .1 - .*0 &. 9.'
(% .<041' 1 .0 0:1,.6+8 .4:0* 6 ,+ -' 5.* , 8 ' 6." , 806" (03+.* , 8,15 8 '06
, , 60 ' '03+ 6 2+8 ': 'E0 - .6"1 + -',171 6 2+8 '3+. + -' '0/'"09 1*0 20 60* '
0 .*6 < 0140 - 3+0 60 - 51 0 .,'5.0*0 71 .' 1 - 0 +8 ,+ -' + 8 .':0* 6' 06 51""0+ -'
' 04 6 1 ' "1 60* 08 *+ - 0 1 2 8 - ""0''3+18',+ -'403+0 50 ,+"' .6 1 7+0 + 3+0 50 '
- 1: " 06' 508 5 .04.0 '+6 0 ,+ -',060 8 ,1*<+*90 0*6'.4 0/6 0 - + -'50""0/ 6' + -'
7 8 .9 - * 2+8 0 1*' 714.'3+'51 " ,.5618 +/0"" 8 ,1* " . 18 5 :.6.'.+41 6.60'
0*.6+ -' *6+0 5 . -'6 .* 6+"0 .6'06 5 .," 4 8 *'01': ,0 +*902.6+ '+ 20 -' *:.40*'
4. -'40,0 * 6' .4.4 3+0 <+ 0<+ .*41' - " 608'.+6 0 *',1,"+ -' 6+ 18 .+6 *6+0 5 .,'
,.0*.6+ 18' - .9*.'.0,". - .6 1*0 00050 +*6' 9 6+ '5 4 0 1*' 1: '3+' *' 1 - '
* , . -' *, 402.6' +2 - 0*4 0 -'.4 : *.' ., 0*4. -' 0 5. .*6' + -' 40 "1 60* + -'
.4:0*6+ .: 0,1 50 +.40 '*1*'5160 6' 5 +6<+"" '0 .*6'0/'. ,0 0 + - 50*608 ''0"041'
4+,0 *1 - *0 .:. 061'!*. -'*1*4+ -'*+ - 0 .61' 6 50*4 1'3+.0 04 6 1* 8 ,.+ .'
, .6'7.+43+.3+. -' +2 .*6 3+ 8 06 ;0 8 4+, 2+8 04 +2 *1:1 .47+,' - " 6.2.*6@
E,1 9 '60 - 5"+ -':0 +8 60*4+*6 ' 3+ 2+8 "" E0 - .*1 + .',171 608 0 <+*9+*6
A+" .*+8 1 - 0 +8 ,+ -' + 8 .4 (' ' ,7.0" 8 ,10*12 + -'4+, 6' - 04 +8 *60 '018
J '&."40 +8 ,+ -'% .<04 '5 .0 4 . 8 *,0402.6' " / .0 ' ,."1*08 ,+ -' - 0 06 , 2+8
03+02.*6+ ' 6 . - *.'06 9*0 8 . 6 , 1 18 .4 *,0*4 + -'G#. 90*4+ -'51 6.*608 ' $ '
- 1' *'5".* 6 0'3+.0 :.""+ -'06 . ,0 -' *60 <.,02.6'., 60 '+6 *3+0 5+9*.6+ -'40"04.'
'+:0*6+60 + 2.*.'6.*3+. -'5 1 ."+60 0*+0 0 -'90 0*60' %+ *' . - 5.* .,+8 03+1'
:04+8 7+, ""+,4 ,+ 0 0'06 *+*,'.4 'E01 9) *+*,'.4 1 + -' 21. + -'.,,+ 0 0'
, ' +6 ,+*4 '. - .',.50 0*6' 06 .4 *9"1 + -'2. ,. -' :+"91' + . -':1,.*6
' '
. - .6

% $ ' " *) ' 1 3$ 3)' !)' ;]. 3 '2' ' (!) # $ (/
:' ! 6 ' ' ') # ' > . . $ ' ! 6 '
+ ' * ' ' N . $ ' %
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&" . - .6 ,1*:066 0*6 71 6. '< -+* 6 1*08 ., 6.6 1*08"+6 . 0 (04 0"9.0 .+/ " . 0
' # 0 0 6 1*08 0 .*6 06 .4 20"" , . -+* . 120+*4. 71, 0 + - 6.6+ ,1* + 1 9*. 6.
3+0 02+8 +6 *6.*6. *0,0 6.60 1 4 *.6 8 +"60 +8 50 90 0# . - 5.* .,+8 ,6 ,+ -
:0 +8 1 ,.8 06 +"6 . : ."" + - * 5".* 6 0 16 *0" + - *4.*+ - 12: + - 7.2+ "%06<
06 40 04 1*0 - 0* 06 2".*40 ,1 - 50"". 0 06 *60""041 5 + - 50 +18 5+":0 0 -
* 6 .6+ - 0/ (,7.(" 8 ,10*12 1 , 02 8 - "" .6 1* 2+8 + 50 0 *0 +"6 . 4 0 06
5 17 20 0 6+ * * ,97 *. + - 5".60.66 5 150 . 0 2 * 50408 40 ,0*40*8 - +*
6 1*08 1 . - * 5 ,0 0 06 3+14 * 03+0*608 6.6 1*08 12 0*6+ *4 9*. . -
0"9.0 - 06+61 - 0*61 + - , / . ,04 5"1 1 + - ,+74.2+*4 618 0 0 4+8 <.,+".
2.*6+ *03+0 5 19 04 .+402.*6 %+ * .4 E0 - .*18 3+ * "0 41, . 5".60. 6.
2.*6 ,1*:0 +(<) 6 0"9.8 ,040*60 8 06 <. - +9 0*60 8 6.*6 - 1*0 0 ,+ - 5 0 + 6 .
40 - 6,*6. "06 0 , :061 E0 - .*0 20 60* .* 3+ +6 4+8 61 - 0*61 + . 40,"
*. 0*6 * 5 1/ - + - 3+.4 : + - ,1*,0" 0 .*6 + - - 8 .* - 8 06 40 0 - 90 0 0
,1*6 . 0"9.0 : ."" + - ,6 6.6 1*08 40 0 0 0 06 5. " - 6+ 5 60 4 J+90 0 * ".60 . - B
5.* .,+8 06 ,+ - .4 " 6+8 06 1 , *. - - 1*06. . - +2 - .9 8 ".Q@1 .2.6+ :0* "06
3 - *08 *0 ,0 6. - *0 4 ".2 6.3+0 "R .4 20 60* .*18 3+ 1" * 1 , 1 - .* 0
.*6 0 0, 5, 0 06 1 + - *0 * 4.*18 *, 40 06 40," *. 0 *0,0 0 7.2+ 6< 06
60 " *91 +6* .040 8 :0 8 0 60*8 4+.2+8 ,171 6 2+8 05 0 *0 6 06 & *,0*6 "0
R0 0 .4<+* / 6 04 J 0 *0 61 <. - +*4 3+, , ,+ - :0*61 * 60 - 51 0 " 2:0* 0 *1*
516+ 6 5.* <. - "1*9 +8 5 1,0 "0 .*6 ,6 5".60 8 0/ 9+1 *0916 1 1, ,+5.6 8 ,+ -
*03+0 5 .0 4 .< *60 0 ".6 8 1*,1 408 0"%,*6 06 155 4.* ."60 ."60 8 4 40 0*6
".60 0 5. 0 +*6 %. - 0* ., 60 .4 (,7.0" 8 ,10*12 + - 5+9*.6+ - + 6 ,+ -
1 *0" +8 *4.*+8 1" - .** 2." 8 "60 - 5 "09.6+8 3+ * (.*901 9 .*. - +*
6 1*0 ,+ - : 171 6 2 8 6.2.6 .4 " 1* 16* &. 9. - ,+ - 03+ 6.6+ . ,0 09 0 "+ -
,1*<+* / 6 ,+ - 013+0 50 (.*901 9 .*+ - : ,+ - + - 50*8 .4 - . 0 + 3+0 5 19 0"%+8
*40 * - .<1 0 - + 2 8 5".60. - 0 +*4 6+ < +2 ,+ - 12 6 *.61 ,0 6. - *0 155 4.*
0/ 5+2" , 8 .04 2+8 06 41 - 2+8 : , * 8 4 5"1 1*0 . 6. 0 40 0*40 ,*6 .4 0/6 0 - + -
6. - 0* &. 9. "1,1516 6+8 0 6 . - "2 * 05 ,1* " 4+ . - .*5 1 . "0 ,+ - ." 3+16
"5.* 8 6.6 - 3+0 9* 8 * .040 8 5+2" ,.8 - - "%+8 3+ *1* 1"+ - 5+",70 - . -
6161 1 20 6 +4+ . - 04 06 : , *.8 41 - 08 * : ,1 + .". 1 .,,7. 1 2+6; . 1 06
,. 0. 1 6.8 *,0*4 1 405. 6+8 0 6 5".60. - 60 - 51 - . . - . 90*6. . - 515 *.
*."0 - 06 . 90*6. + - / 6+ - & 9 * 8 5. 60 - 40* 3+0 %1 *.,0* 8 06 10 6 .
6.*.0 5".60.0 ., 51 6 0 - 1 :060 8 2,+ .0 .040 8 ".5 40 ,.*4 41 *+50 + - - 1 + - 56+
0/ 6 +4.8 *0, *1* 1 + - ?" *. + - *:. 6 < 6. +6 + 28 +2 3+0 + - - 1 1 - * + - 41
"1 0 ., 40 50 .6 1*0 . 40 0 : 40 06+ ,6 - " 608 3+ * .04 2+8 0 . 6 9 . ".*60 *,0*B
4 1 0 5. " - 50 0*0 6 .8 71 0*41 ,+741 + - 504.,+"1 5 .0, 5 608 40 - 66 0 0
,190 0*6+ 9 6+ . - 5.* .,+8 7+0 ""+, 4 0+ 0*8 ,+ - .4 60 " *91 + - .0408
+2 20 60* + - ,+ - + 8 ., 60 5+9*. 0 *60""0/0 .6 :0 *,0*4 1 5 17 20*60 :0
<. - 71 60 : ,18 *" 40*60 50 :0* 0 *1* 516+ 06 :1 5 1/ - 1 6 .* - 2 .4 V +"
"0 - 23 9+ - 5 15+9*.,+"+ - 3+14 6+0 40, 0:0 .6 51 6 0 - 1 0 0, 5 6 +2 ,+ -
+ +8 1 - * . :. 6 6.6 8 06 6 05 4.6 1* 8 5"0*. 1 J0*4 "06 4 +9 0*60 5. " - - "60
5 0 06 2 ,1* +"0 0 ,1.4+8 0 6 + - <. 4,20" .6+ - 0 606< 3+ 0/ ,0 6. - *0 +50
+0 .*6 .4 1 + - #03+. + - 0 ,1*6 . /0 +76< +2 * 03+0*60 $06 1 %. / ,+ -
03+ 6.6+ 040+*6 2+8 0/ 40 50 .6 1*0 : 4 8 * 5 .0,1 4 . .* - 8 ." 3+.*4 + 5+9B
*.6+ - + 6 J 0 *0 61 6 0*+. - * 0/6 0 - 8 02+8 150 . - *.:.*60 %.*40 - 5 0 06
.: 0,+8 0/ 5 15+9*.,+"1 40 - 66+*6 0 < 06 *.: 2+8 .2 .+ 1*0* +2 4 60 - 5+8

\ + - - "8
% $ ' 0 / G . ' 7 . $% $. % 0 ' /
2 $ B $> ?% 0. +: , $ $ $ 0 . !
0\ A $ L? . ' A $ $ 6 $. $. $ V &B
I . $ 0 7$ B ' 6 6 .
/U . ' U ' 6 A D $ 6 ($ B

' ,% /)' *' 0' H=

"+-- 8 0/45+ 6+' +-' 8 -+"6'06.-' 0 5.6 60'40- 0 0< 04 *1*' .40' $<$ &'
0",6.60.4*.:0 8 50 :0* 0 516+0 +*6' 20 60*+8' +-'*+"" -' 6 0*+'4+48.., ,+8'
-"6 8 -+*+8*1*' -5"0: 06'4+-' *'*.:0 '40 51*60' ,' ."6*'40<R0 0 ,1*. 06+'
5040".5 .*60 40, 4 6' 06. -1+-'51*40 ,'12 +6+8 +2-0 9 6+ ' $ .060' 20 60'
"+-'06# 0: 0+8.3+ 8 7.+ 6+8'$"0 3 0 6 50*4. '06 155 4.7'0.*40-' 1 60-'0/'
50 6' +*6'*0,'*1*'06 3+ 4.-' *'03+ 8 040*608 0 51-0 1' 0 *' 1".*' +2<04. '
.3+.'5"0*.-' 0- 0 0'' *60'3+18 +*+8 050 6+8 0 6'3+ '. -.6+8,+-' 0 ."6+'56.0'
,5 6."%06'.3+ 8 0/,056+8 5, ,+"+-' 0:."6'06 *,1"+- 8 *' +"60 1 0-' 5.-0*.6.'
:6' $0 0 0 01',. +',,' "5.*'< 06 *' 7 8'5 .060' .- .*+. 1 ."0-' .*+0"
E.51:.,,.'A1.**08 12"0 +8 ."5. 8 "" '90*6" 8' . 1"+8 0 J+R. +8 .+, .6+8
7+- 3+0 6 .6+8.,'504 2+8 126 6+8 4 +'5 1' -1 6+1'7.2 6+8 0 6' /'155 4.* 8 06 .+/'
". 2+82 8 - ""0 40 40 .6'*..<1'*+-0 +8 *,0*4 1'.2 +-561 6 -'.+6 .3+ 8 +2'
-0 1 +-' + 6' -+"6'5 .060 0.' T/ 5 -. +8, : 2+8 *60 04' .56+8 *' (''
,7.0" 8 ,10*12 1'8 ,-1*4.*+8.' J '2&, 4+91'06? .5 ."8'.,'E1 * +8,. 6 1- -'
5 .0 04+8' 1/': 41 08 155 0 6'3+'0" ' -56.8 2'06 .4 5 .04.-'40 6 *.6.8
41-18 1,,+5. "0 ,1*60*60'0/,+2 8 50' + 20-'4" 51 66 8' *' 03+,*60-'4 0-'3+,'
:0 0''3+1' 0"9.8 06 E.""18 +2 ,+*3+0 405 07,* 18 , 8 06 5+9 1* 2+8 ,1* 140 +*6'
06 .4 5 .04.8 :0 '616+-'6 4++-' *' 8,1* +-5 0 +*6'50,+* .0 0 0 ,1"" 90*4.0 '
60*6''*.-' +50""04 "0-'06 -0 ,08 5. :1'5 06 1' 3 , : 2+8 04 -'5. ' +*6'3+ 55,'
3+.-'. 51 6. ,'*1*'5160 .*6' 1040 . 1 7-'0/0 , 6+'6. *': ,-1'06+ 2':0"+6', '
,+-51 61' 9 6+ '50,+* .'+2 3+0 *4.9.6.'06 50'0/3+ 66.'61 -0*6.'.2 8'3+'.+6'
1,,+"6.-'.+6 5 .0 0*60-'*1*'7.202.*6'0/61 68' +" 0 08 - 4.0 *'."6+-' **0 +?
50* .0'".5 4 2+8 - -.* 8 51*40 8 .4'50408 .551 66 .'." 8 , 5 1*08 *'5+40*4.'*'
04 '.".0 50' -.--.8'06: '40* 3+0 50'90* 6.".' -.<1 0 .0: 6 .' *,0 6+-'.6'
104 6.60' 4 ,+" 8 4 60*6'0/'".3+0. '4050*402.*6' *0, 21' *60', +, .6+8 06 0<+'
".6+8 0" 4 '41*00'&0".2'." 8 *90*6'5 06 1' 04 66 0 0*6+ '.+6 5 ' 6 3+ 4'1,,+"6.'
:0 .*6' *4 ,. 0*6' $+0 '06 .-' .*60'5. 0*608 61 6'06 *60'61 -0*6.'0/.* -.6
*40,1""04.' *90*8 50,+* .'3+.0.2'7+<+ -14' 0 +-'50 6 8 .4 '. '.-571 .8'
71,'0 6'.4: , 08,0*60*.'-" .'.+ 61 +-'.0 6 -.6.' + 6' *'0.' +--.'- * -0,1-'
5 070* 8 90- - 8 06 5<06 1 8, -0" 8'.+ 0 8:."8 06. 90*60 8'*0,'- *1 8 4.-*+-'
*,0*4 '.0 6 -.6+-' + 6' S. .'6+5 .'. 40*6 2+8 .:. 6 .'06 --.* 6.6,'.* - 8 50'
506 .6.'.2 5.* 8 06 E0 -.* 8'.5+4 3+18 5"38 .+ '3+.-':0*0 8" 2 41'51""02.6
E. 5.'R . 6 +8 *'5 .04.-',. ,0 0-'5+2",+-'*.4+8 ,.56 : 8 6*9+" 8 5 06 +-' -'
51 + 6'06 6. *'12', -0*',.5 6."0 3+.-'.08 ."0*+-': * 618'5 06 1',,,0561'" 20 18
4 - 6'5"0 1"3+0 *.2.56 6.8 06 -1* 6 1 . +-'15 * 1*+-',1*: 418'. 3+0 .401'
.671",.0 1-.*.0 0,,"0 .0.4:0 . 18' +-' 5.* 8 06 .-'06 6." 8 * 6 61 2+8'
3+'*'+ 20 050 6' +*6'*.-'5"0 3 0."'' *'. ,0-' : ".0 50 "%+',1* +90 .*6'*0'
3+.3+.-' - 6 +8.4+-''3+' *90*6'5 06 1' 0 06*2- *.'.,' ;*9 .57.8 04 -0 0 ,1'
.4'+*6? .56.',,'4 056.'6 6 +8 1 2 8 15+"0*6 6 -.'+ 2,< *,0 6+-' - "08 0" 3+ 6'
-.<1 0",1*6 .' *',1 .40*4.'.*'<.-'5. 6.'.2+ +8 6' .-'-1/' *',0"020 -1'+ 2 8
,1-5 61'3+14 -04 +-'A.*+-'3+ 4.-'*1*' --0 61'4 /0 +*6' -0* .0 .4.'"0.0"+'
+-'5+2",.0 0 04.0'< *'3+ 2+8 5"0 3+0 0/'9 09. 8 06 .-' - "6 2+8+*1'4 0 .4:0 .'
."0.'.4 R'.+601 +-' '50 4 40 +*6' 1* +"6 1 08',+-'50 ,+"1 +-'4+,0 0*6'5 .0B
4.-'0/6 .'+ 20 *'40 0 0'5+9 1*+-'06 0* 6+-' -.*+2 .'." '9."0.8.,'"1 ,.8 0/'.+ 1'
1" 41',1* 4'06 f.*4. .,.' * +,. ' ,+ .2.*6'7,',1"1 0'4 9*5 00 0*6+ '3+.' *' 0
6.-0*'.+ ,+-'. 6+'40,056' +*6'3+' +5 '06 .0 8 -04 .'5. 63 .+ 1'.4- 6.'4 05'
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& .,,0X@6.8 - +"6 155 4.* 44 1 ,.0, 50 ,+ 1 5 061 +"6 +*6 71 5 6 2+8 5 1/ - 1
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." 1 + - ,.4.:0 . * 5".60.8 5 1<0,0 +*6 51 6 4 0 * 4+.2+8 . - 5" " - 8 1"" 8 * 5
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$ 3+.*/ + 28 ,.56. 0 6 #A1.**08 + 6 +8 $7 " 55 *167+8 .60 + ,0 - 2+ 9+ - :0*0 . 8 ,+ - , 04 1".* 0 06 .,,0561 51"" 03+0 0* 8 - 1 60 - 06 ."".6+ - 40 5.*1 + - 04 6 1*0 *+*, + - $7 " 55 - .*4.61 3+1 0 + - - + - "". + - 5 1: *, . + - - 5 0 + - 40 0 02.6+ * 5.* . - 3+. - 5 - + - 5 1 04+8 06 $ *, .0 ,+ - 090 ,1) 1,+6+8 *40 50 4 51 618 03+18 4 "" - +".6. 50 1*. 06 ,. 5 ""1 ., 2. 2. +,.6 8 ,+ - 4.: 1 E1*C.9. ,+<+8 "0 0 :+ - *902.6 50 - 04 . . E."" . - ;0* 6 +606 . - +2 U 4.,+8 (+* ,. 1 .61 8 - +*0 0 .5+4 090 - +*90 2.6+ . 3+1 0414+8 +,0 - 2+ 90* 0 - 5 *, 5.6+ - * 104+8 ,+ - ,060 8 5 1: *, 8 .4 0/50""0*418 5.*18 * 6+ - *1"+ 0 ,17 0*6 0 01 60 "0/ 6 06 . .:. $ *0 6 .*8 0"4 ,1 - 6 8 3+ +/0"" 8 .47+, .66 *02.6+ "09.61 06 155 4.* 8 71*1 ,0*6 - 0 06 50 . - .*60 0/,056+8 - 1/ .4 0*.6+ - 4.6 " 60 .8 3+ 2+8 0+ - 4, .4:0*6* +1 ,0 6 1 0 - ., 02.6 013+0 ,1* " 1 0 . $7 " 551 - " - :0* "0 4 ,02.6 +6 0"9 + - 5.,. 06 06 ,1 - 5 0 ". 0/60 * - " 6 8 " ,0*6 . 5 1: *, 8 5 : "09 . .*6 3+. 06 - - +* 6.608 ,1* - . 06 ., 5 6 *. - " 20 6.60 - 0 6 6+0 06 0140 - 60 - 51 0 .4 5.*1 + - 6 2+*18 , 2 6 06 +6 .2 . - 8 06 : * 51 60 + - .2 6 *0.*6 - 50 .6? 7 "1 - *+8 5 151 61 * "" 6 6 0*.6+8 < 06 0,0*60 *6+0 5 .*.0 4 056 1* 8 ,. + 0/ .,0 2.6+8 . , 8 E.*40*" 8 12 4 1*8 - + 906 *0916 + - 3+0 40 5.,0 04.0 +50 1 , .**1 *,71.6+ - *+*, 0506 6+ - 5 2 03+ 6+ / E.*40*" 8 * 5".* 6 0 " . 3+. 6+1 5 15+9*.,+" 8 4 6 *4. *40 .2+ 20 "+: 1 *40 . +2+ 2 1 (.:1* 8 1" . 5 1B +*4. 06 3+.0 .3+. 0 0 - 5"06+ 4 : 4 6+ * 3+. - . 6+ 2+8 60 - 5"1 + - 0/ + 20 06 0/ +2+ 2 1 . 41 - 2+8 3+.0 ".2 1 1"%.0 - - *0*6 40"504+8 0"" < 6. +6 5 14+41 .04 , 1 + - : , *1 + - 150 .4 1"%. - + 3+0 :.""1 06 - .,7 * 8 ." 3+16 * .990 0 .,< 4 0"" *.6 8 150 2+8 0/, 6.61 4 51 6 8 5 .0 4 . 9 .: 60 .2 0. 5. 60 * 0"". 0*6+ 0/ 71 6 8 60 - * ."60 . "+: *60 <04 5. * 0"". :0 20 .6 1*0 1040 .6 ,1*6 . ((.* 901 9 .*. - . , 8 51 6. - +" - *.2.*6 6+ * ".2 1 1"%.0 .50 61 06 5 1 - 160 :.""1 .4 7+ - "0 5 15+9*.,+"+ - :0 20 .6 1 4 9 6+ +6 01 40"" +41 - "08 - + 1 +,,040 0 06 6.*40 - 0+ - 50 140 0 51"%06 .0, .*60 5 4 4 4 .4. . 3+1 60 - 51 0 ., ,056 8 .2 .+" 1*0*" 0/ 1040 0 - .,7 * 8 - + ." 2+8 06 20"" ,1 .55. .6+ / 504 6+ - :0/ "". .2 01 6 40 - + - - "%. .4 51 6. - +/0""0* 0 - ,1""1,.*6 .4 3 - *0 8 ,. +8 ? 1 60 5.* .+/ " 1 .4:0* 0*6 5 .0 61 +6+ . %+ - : - + ." . 61 - 0*6. * (I. :1* 8 +2+ 2 1 ,1*6 . . ,0* 4 9+*6 : ,1"+2 * 8 7 *, *40 4 51" 6 8 3+.0 403+" . :0 20 .6 1*0 0140 - ,1"" - .2.*6 c 6. +6 5 .0 4 . *+ - 0 1 - 5. 08 3+ 0/ 4" 60 . 5. 60 . :0 20 .6 1*0 * (.*9,1 9 .*. - 51 6. - 4 04. * 0"".2.*6+ 41" 8 12 <04 8 . - 5" +8 0 6+0 *1* 51"%0*6 6.3+0 1" . - 5 1 +*4. - *6+8 4+,+*6 3+. 604 .4 5 15+9*.,+". 06 + *.8 ,1 - - 0.2.*6 $ .0, 5+0 :061 1040 .6 06 40 *4+"" . * :0/ ""+ - 5 .0."61 - ."1 * /+ - * 3+1 $7 " 55 * 9 . 0 .*6 4+8 0<. +".2.*6+ *0 020""08 " 0 5.*18 :1,.2.*6 7.20 0*6 3+1 :0" * 50, 0 - 0 *1 - *0 09 1 6+, N 0*6+ . +6 5 4 *08 3+ $7 " 55 .+ 5 , 8 06 09 . .+41 6.60 20""+ - 90 02.*6 6.*60 :0/ ""1 ,1*6 . H0 - 5+9*. 0 : 40 0*6+ ."1 06 ,+ - 01 :0/ ""1 40<041 6.*40 - ,1*6 *+. 5+ .6 1*0 6 2+8 "1, 8 *9078 + *. 04 6. 06 5 15+9*.,+"+ - - . @+8 3+14 (.:1* 8 +2+ 2 1 1551" 6+ - 0"" ..9*. 0/ 5. 60 40 6 + 6+ - 1* 6+ 3+, +6 +8 .2 . ,7 6041 5 15+9*.,+"+ - 3+14 (.*901 9 .*.0 51 6.0 5 .060*4 6+ 40 2 " "" +4+ . 0""0 06 5.+,. + - 71 . + - :0 20 .6 1*0 40< , 51"%0 .4 ""+4 : - + . 48 - .,7 *.8 0/ - 0*60 .* 8 71 6 8 4 9 <+206 4 : 71 . + - ,1*6 *+.

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5+" .6 1*0' 6.' ,1 - 5". * .6+ - '0 6' + '0.' 5. 60'03+ 6' .4' . ,0 - ' .4 6+8'5.60 ,6' %. *40 - ' &
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. - 4' .4'"+*.0' 5"0*41 0 - ' *,040*608'6 2+8'5. 6 2+8' . ,0 - ' .99 04 +*6+ ' 04'51.
6 2+8' 2 0: 1 2+8 '3+. - '+6' .4' + *. - ' 50 6 *90 0' 51 0*6' ,1*.6+8.4' (.*901 9 .*. -
51 6. - ' 6+8' + 6' 4' - .<+8' 5 15+9*.,+"+ - ' + 6' 12 6 *.6 +8' ,0 6.6+ - ' : '71 . + -
.6 1' 5.* 8' 9 .: 60 ' ' 40 0*40*6 2+8 ' 06' ,1 6 8' .,' . " 8' 155+9*.61 08' 050"
"0*6 2+8' $1 6 4 0' 4+12+8'"1, 8' : 8' 0506 6.' :0 + - '; ',1*6 . .' . 6 , 1 8' 9* 2+8
06' .",1*0' ,+ +" <.+ ,' ""+,' + - - .' ,0"0 6.60'6 .* ".61 ' 6.*40 - '3+ - '4. - *1' 1040 .6
.2' 0/ 9+1' ""1' *+6*0 1' 05+" ' +*6' 1*4 .91* ' +/1 0' 3+.0' *' . ,0' 0 .6' .2 0*6 8
: '5. 608' 6 0*+0' 06' +5 .' 0/+ - '120+*60
' 5 ' *' 01' 0 0*6' *0916 + - ' 40' 5.,0 6' 5 .' E.*4.: + 20' + 902.6+ ' ,+'
0/' 4 *+ - ' 06' 0*.6+8' 40, 061' *60 +0 0' ., '1 4 * 8' *1 - *0'A1.**08'U *4.*+8'
.* ' E0 6 +4 8' 1: .7 ' 2E "0* +8' % - 0 - . +8' ' $06 ' E.*4.: ' I .667.0+8' (
E "0* ' ,10*12 . ,7.0 '5 1' *12 " 6.60'A1.**08' 1""+8 06 *90* "8 ' J .*, ,+ 8' D .'
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<+ ,1* +"6+8' ." ' ' .+" 1*0 8' 06' *12 " 6.6 8' , : 6.6" - ' 1"". *4 .0' 06' =0". *4 .0'
*1 - *0' $7 " 55.8')' . * / +8' "4091*4.*+8' *1"4+8' ' 1 5 +8 ' h ""0" - +8' ?=+ '
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,+ - '." 8' %. *40 - '51 6' - +"6.8' 4 0056.6 1*08' *' 7.8' ,1*4 6 1*08' ,1*:0*6+ - '0 6' : '
4 1: ') 6' 5 .060 61 + - '12" : 1*0' .*60' 1 - * .' .*, 6.' 40 *,058' *60 ' .2.*6 .,<
J". *4 .0' " 60 .0' .**1* .0' &."0*,0*. + - ' * +".0' +., ' ,7 . + - ' %1 '
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,0 .'5./ ' ,1,1 4 .' 06' . - , 6 . 6' *' 4+6' ,1 - - +* 2+8' ,1* " 8' 06' ,1*<+*4 8' : '
2+8' 5.*18' 0"9 '71 60 8' 40,". .618' 06' 0060 18' 0/60 *18' - " 608' 0"9 1' 0< , .*6' " '
" 3+0' 0<04 8' 4 *08' 90*0 ."08' ,1*9 ,90*6+ ' ' *' 3+ 2+8' 40' 02+8' 1 - * 2+8' .4' 0 - '
5+2" ,. - '50 6 *0*6 2+8 ' 40' 0" 9 1*0 ' 40' 1"". *4 .0' 06' =0". *4 .0' 5 .0 4 8' 40' . , '
2+8' - .,7 * 8' *.: 2+8' 09 8' 50 '7.0,' 20"".' .' .6.: 8' ,.56 8' 40,0 *.6+ ' <" 20 1' *60 - '
*60 ' 018' - .*0*60' ,1 - - 0 , 1' "2.* '5".,6.' 40' (04. ' 06' ." 1 + - ', - *+ 7' 510 '
* 8' 3+.0' 7 8' 6+ 2 8' ,.+ . - '4040 +*6' + 50*4.* '+ ' .+ 1*0* 8' 5 .0 04+8' - . 8' 06'
1"". *4 .0' .,' =0". *4 .0' 09 8' *1 - *0' 5 .0 08' - .*0.6' 41*00' 51 6' 4 9 0 18' 0"9 1'
5.*18' ." 60 ' .2' 4 * 2+8' 40, 06+ - '" 6' ,.56 : '+6 *3+0' *0'?5 06 1' 4 - 66.*6+
.+ 1*0* 8' 5 1,0 08' 06' *12 "08' .,' ,060 ' +24 6 '01 + - 3+0' " ' : 4+.0' 06' 70 0408'
21* 8' . - .0' .,'4 9* 6.6 2+8' 0 6 6+.*6+ ' 0*60*6 .0' <+4 , . '01 + - 3+0' 0/0,+6 1*08'
155 9*0 .6 1*08' 60 - ' .2' * 6 1' 6+ - +"6++ - ' .** ' ' 6. *' 0" 9 1* 8' 3+. - ' . '
- 1 - - ' ,.+". ' .4 .0' 0 *4.*6+ ' 0:1,0*6+ '0/6 *9+.*6+ ' ' 3+1' 20*0 , 1' 5 .0, '
5+0 +.6+ ' 0 - " <<* +0*. .' E1 - 20 6 +0*. .0' 06 - 5+ 9' ,1 - 6 8' " .' 0* , '
040 14 '3+1*4. - '+/1 ' 06' *+*,' J 40 , ' 0560 .: ' $.".6 * ': 4+.' *' 8' 3+.0' .4'
V& .*. - ' 504.*6<' 06' $7 " 55+8 . "2: +8' .+ 1*0* 8' " +8' *' 8' 3+.0' .4' + 20 - ' 06'
. ,0 - ']' + .*. - '50 6 *0*6' : , - ' .*6 6 608' 06' ." ' 0' ., 1' 1 4 *0' 3+ '0/6 .' 1" '
".*4 . - ' 06' =0". *4 . - '41 - , " + - '7.2+0 +*6' 6. - 0*' *' "" 8' 5 1: *, 8' 51 %0 " 1*08'
7.20*6' 8' ,+6' ." ' " 20 0' +6.*6+ ' +.*6+ ' 6.6+.0' 6 157.0.' 06' - 1*+ - 076.' *'
,1*: , + - ' 06' * . - . - ' 0"9. + - '0 04.' 61"". *6+ '41*.6 1*08' *60 ': :18' :0"' - 1 6 8'
,.+ . ' 60 - '0/70 04.6 2*08' 50 '5 :.608' .4.0' *' +40 - ' :0 1 + - '70 04+ - ' 6.0
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4 % $ ' ' '5 ' ' ' , ' '5 6 ' ' '& ' ' ' + ' ' ' ' ' ' ' ' ' ' ' + ' ' D ' ' ' ' ') ' U ' B U '
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5 ' 0') .' $' 0' ! ' * .' ' $' ?' ' ! U ' '5 ' V
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& ʿ - 6ʿ40 - 1*06. . -ʿ5 06 8ʿ50ʿ 1 ".*418ʿ - - 14 ,0ʿ.+" 8ʿ06ʿ + - 56 2+8ʿ4+. 61ʿ &
) ʿ ʿ5 4 6 1*+ -ʿ.2ʿ .+ 1*0* ʿ + ,056 8ʿ *ʿ 4 *+ -ʿ,1*:0*6+ʿ6 .* 9.65 ʿ E<.*4,*"ʿ
5., ,.6 1*0ʿ *ʿ0. 6 8ʿ,140 -ʿ4 0ʿ$7 " 55ʿ*1 - *0ʿ5 1 - +"9.6.ʿ. , 8ʿ12 4 1ʿ+ 906+ ʿ
06ʿ,+ -ʿ$7 " 55+8# .".* ʿ,1 - 08ʿ . ,716.*ʿ4+, 8ʿ"09.6+(ʿ06ʿ,+ -ʿ01ʿ .: 0,+8ʿ,+ -ʿ
1: 8ʿ,15 8ʿ:0 06ʿ6.*40 -ʿ E. 4.0ʿE.""ʿ5 - + -ʿ40 *ʿ&ʿ.",*6 *ʿ,ʿ$. 4.0ʿ 16.0ʿ
+"6 1ʿ, 6 13+0ʿ.4ʿ 1*4 .92* ʿ+/1 0 -ʿ,1 - - 0.*6 8ʿ *60 :,*6+ʿ2ʿ ."41*.6+8ʿ<. -ʿ
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0, 6ʿ+6ʿ. /ʿ * ."." * "ʿ - .*+8ʿ,1*79*. 06+ ʿ 5 0ʿ,+ -ʿ 02+8ʿ06ʿ - 504 - 0*6 8ʿ .": 8ʿ
ʿJ ., .0ʿ" - 60 -ʿ *,1 + - 8ʿ404+,0 06+ ʿ 4ʿ.4+ -ʿ60 6 1ʿ51 6ʿ5 , 8ʿ5 1 - +"9.6 1ʿ
*0 -ʿ4 0ʿ 1*4 .91* +8ʿ ,+ -ʿ : /ʿ 0ʿ 0ʿ =0". 4 .ʿ0/6 ,. "06ʿ,+ ʿ5.+, 8ʿ - " 2+8ʿ
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202.6ʿ,ʿ +50" - 1*4. -ʿ.4ʿ(,."4 -ʿ60*6.6ʿ+*40ʿ.2ʿ 4 *+ -ʿ6 50*4 . 8ʿ,+ -ʿ4. - *.ʿ
05+" +8ʿ0 6ʿ $1 60.ʿ - +8ʿ.2ʿ 4 * 2+8ʿE01 9ʿʿ .".* +8ʿ ,**020 9.0ʿ,1 - 08ʿ,+ -ʿ
"ʿ"09 1* 8ʿ +.0ʿ" 9* 8ʿ&."0*,0*.8ʿ3+ʿ E0 - .*18ʿ,+ - 8 4.,1ʿ 0 1*0ʿ ,:.?ʿ
0"ʿ. , 8ʿ5 .0 041<ʿ ,+6ʿ<.4.2.6+ ʿ*1*ʿ20*0ʿ,1*:0* 0*60 8ʿ50,+* .ʿ5 .0 6*6ʿ *ʿ
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0,ʿ+ 20ʿ4 - "ʿ +*6ʿ 6.6 - 3+0ʿ155 4.*1 + -ʿ0601 + -ʿ3+18ʿ.44+/0 .6ʿ150ʿ. ?ʿ
00 -ʿ,1 1*.ʿ4*9 6ʿ *3+.ʿ,ʿ, 46,ʿ5 .4 4 . ʿ 5.*ʿ0 .*6ʿ<3+.0ʿ51 6 0 - 1ʿ,+ .ʿ
*+"".ʿ.) / " 1 + -ʿ 508ʿ0 06ʿ.ʿ5 .0 041ʿ: 6. -ʿ06ʿ 08ʿ 2ʿ.,ʿ + 8ʿ .": .8ʿ06ʿ+6ʿ *ʿ" - 60 -ʿ
J .*, .0ʿ *0ʿ *<+ .ʿ404+,0 06+ʿ5.41ʿ*+"".ʿ: ʿ5 .060 0.ʿ.ʿ 0**020 90* ʿ .4.ʿ40?ʿ
4 6+ ʿ ?#$1": ""0 +8ʿ ʿ%,*0 . - +*4. -ʿ *ʿJ".*4 .ʿ60*,2.6<ʿ 3+ʿ.,,,56.ʿ 6 40 -ʿ.2ʿ
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,. -ʿ *ʿJ .*4 ,ʿ "0*31* 1 + -ʿ4+, 8ʿ - .*+8ʿ6 .4 4 6ʿ + -ʿ:061ʿ *6+0 5 .ʿ.2ʿ ʿ
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670.*ʿ2.+4ʿ"1*90ʿ+"6 .ʿ+ 20 -ʿ0ʿ 09 1*0ʿB 60 :0".0ʿ *ʿJ".*4 .ʿ50 14 +*6+ ʿ06ʿ40?ʿ
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".*4 . -ʿ,25 .ʿ .4.ʿ (+2ʿ 4ʿ - + 6 1ʿ.4ʿ 0 *. 40ʿ .*+ -ʿ2.+4ʿ7 *,ʿ"1*90ʿ0/ 6 + 6.<ʿ
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&ʿ (+$ %ʿJ .ʿ06ʿE0 - .* . .ʿ:0 +8ʿ51 04.0ʿ5 : *, .0ʿ3+.8ʿ *ʿ51B
60 6.60 -ʿ 04 9 ʿ*0ʿ3+ 4ʿ *ʿ71 6.5 -ʿ71,ʿ0 6ʿ "5.*1 + -ʿ5160 6.60ʿ.ʿ60 91ʿ 0" *3+0ʿ
06+ ʿ,+ -ʿ 0,+ 6.6 8ʿ5+2" ,.0ʿ - ./ - 0ʿ *60 0 "0ʿ0/ 6 - . 0*6ʿ 4 *,8ʿ - 1/ʿJ .*ʿ
, ,+ -ʿ . 6 *+ -ʿ2(60"". -ʿ71 - *0 -ʿ06ʿ" 60 .6+ -ʿ06ʿ - .*+ʿ 6 0*++ -ʿWʿE 10* *9. -ʿ
- 66+*6ʿ,+ -ʿ1,,+"6 8ʿ - .*4.6 8ʿ+6ʿ5 .0 4 . 18ʿ *ʿ 40 -ʿ.,, 50 06ʿ0 ʿ5 .0 0418ʿ3+ʿ
.+6ʿ 5.*ʿ.+6ʿ "5.*1 + -ʿ5. 6 2+8ʿ.44 4ʿ0 .*6ʿ1 - * *1ʿ. - 1:0 0+ʿ *ʿ "" 8ʿ5 1ʿ
: *, 8ʿ 06+ *ʿ516 02.6+ʿE."5. 12"0 +8ʿ "" +8ʿ7+ - "ʿ"1,1 .63+0ʿ.401ʿ,19*1ʿ
- *0ʿ5.91ʿ *ʿʿ + 6.* .ʿ*.6+8ʿ40ʿ,060 1ʿ71 - 1 *4+ 6 +8ʿ06ʿ20""ʿ. 6 2+8ʿ4. *8ʿ5 7ʿ
- 8ʿ.** 8ʿ5+0ʿ *ʿh ""0" - ʿ . "2: ʿ .+ 1*0* 8ʿ. - " .ʿ04+,.6+8ʿ,+<+8ʿ - .60ʿ*+ʿ
6 /ʿ$7 " 55ʿ 5.* . + -ʿ 09 8ʿ +0 .6ʿ,+ - 3+0ʿ9 .6 .ʿ.,ʿ,1 - 6.60ʿ51""0 06ʿ .+ 1ʿ
0 8ʿ 5 +8ʿ06ʿ5 1,0 + -ʿ ,1 - - 0*4.6 1*0ʿ& 9 *0 -ʿ*12 "ʿ"1,1ʿ*.6. -ʿ *ʿ+/1 0 -ʿ
4+/ 6ʿ+*40ʿ ""ʿ - +"6.,4 6 1*0812:0*0 0ʿ06 "" . *5 - 8ʿ.3+.ʿ "" ,19*1 - 0*ʿ
51 60.ʿ"09 1*ʿʿ 0"9 ,.0ʿ5 .0 04+8ʿ 08ʿ - .9*.8ʿ *ʿJ .ʿ+2ʿA1.**0ʿ? 9*01 . 2.* 1* ʿ
ʿ 0*20 9 ʿ,1 - 6,ʿ.4 - * 6 .: 6<ʿ3+1ʿ: : 8ʿ0/0 - 561ʿ06ʿ . 1"1ʿV - .01ʿA(09.0ʿ
,1 - 60ʿ06ʿ ʿE 10820,1ʿ 09+"1ʿE . 4ʿ 014 ,0* 8ʿ05 ,15ʿ .6 0ʿ.ʿ$7 " 551ʿJ .0
06ʿ.4<.,0*6 2+8ʿ 09 1* 2+8ʿ,+ -ʿ + - - 1ʿ - 50 1ʿ5 .351 6+8ʿ0 6ʿ ʿ+2 ʿ ,ʿ 6ʿ90" 1ʿ #
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% ʿ$ ʿ\ʿ ʿ5 * ʿ ʿ, ʿ ʿ ʿ4 ʿ& U ʿ ʿ ? ʿ " ʿ
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& ˁ4.6+ ˁ .56ˁ06ˁ 2*,0""+8ˁ06ˁ .-5+8ˁ*0,*1*,6ˁ&)0 +8ˁ.,ˁ 16+8ˁˁ,6ˁ7ˁ*16ˁ
ˁ"""" *:6 ˁ 04ˁ0/ˁ,1-51 61ˁ*0ˁ 0461*ˁ,.+.-ˁ404 "0ˁ:400*6+ ˁ "041ˁ40*ˁ 2ˁ
4+,0ˁ - "608ˁ.4ˁD% +6*.-ˁ509+*6ˁ06ˁ*"/+-0*6.ˁ510*8ˁ 55+ ˁ.4ˁˁ4 ,5"*.-ˁ
-"6. 0*:ˁ 0506.ˁ,1* *9+*6ˁ.,,".-.61*0ˁ+23+0ˁ *90- *.6.ˁ&:.6ˁ .+ 1*0*ˁ
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,".:08ˁ 050 ˁ*5 ˁ5160 .*6ˁ 1":+*6?ˁ06ˁ *ˁ5".60.ˁ 6+*6ˁ+2ˁ 40*Qˁ1"0-*ˁ .,.ˁ
-0*61ˁ 4*2+8ˁ,1 .-ˁ 5 1ˁ.44 ,+*6ˁ0+-3+0ˁ,+-ˁ40"09.68ˁ0ˁ +1ˁ*+-0 1 +/0"".8ˁ
0- 66+*6ˁ *60 0.ˁ.4ˁ 7 61571 +-ˁ8&. ,+-ˁˁ=+6ˁ57.* 0ˁ5 .0 04+-ˁ*4.9.*4+-ˁ
ˁ 4 ,+ +*6ˁ'3+0 *ˁ516 0-1ˁ *ˁJ .*, ,.*1 +-ˁ,10*12 1ˁ0/ˁ *4 , 1ˁ405 070* +-ˁ06ˁ
+6ˁ0 .6ˁ,+,+""1ˁ;0".6+8ˁ06ˁ61* .ˁ2. 2.ˁ.4ˁ"+42 +-ˁ50ˁˁ: ,18ˁ06ˁ5".60.8ˁ6 .4+4+-ˁ
,+-ˁ[P".6 +*,+".61 0ˁ3+ˁ *ˁˁ,+ 1*8ˁ.0408ˁ,1* +90 .6ˁ *ˁVˁ 7 +- 2+"1ˁ.2 ,1* +8ˁ
ˁ606 +-ˁ,. ,0 0-ˁ,1<, +*6ˁ04 41ˁ5 151 61 ˁ*0ˁ3+8ˁ 150 +-ˁ06#5 .0 04+-ˁ
:9"+-ˁ,0". 06ˁ 04ˁ018ˁ+2 ,+*3+0ˁ".60 0ˁ , 06ˁ *4,. 0ˁ60*0 06+ ˁ510*.ˁ,.568ˁ06ˁ
21*1 +-ˁ5 1 , 561*8ˁ *ˁ018ˁ3+ˁ04 41ˁ*1*ˁ5. 00*6ˁ .*,6.ˁ %+ *ˁ50 D"+6.ˁ
5 .0 04+-ˁ:9"+-ˁ5 .0ˁ." 8ˁ 2ˁ *: +-ˁ:069.*6ˁ',.56.3+0ˁ -0 06 ,0ˁ+6ˁ: +-ˁ
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6 .* 0+*6ˁ -1*.,71ˁ6 40*.ˁ- *8ˁ.4.4 < +6ˁ".60*60-ˁ *4,. 06ˁ' *.-ˁ.5+4ˁ 5 +-ˁ
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6 ,0ˁ,1"" 9.*6ˁ06ˁ.-258ˁ3+. ˁ -+"405 070* 18ˁ 9*1- *1 0ˁ*1*ˁ"*0ˁ -.9*.ˁ-+"ˁ
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3+ˁ12 1"061ˁ *ˁ"1,1ˁ .,0 4168ˁ7.2 6+ˁ".602.6ˁ06ˁ 150"78ˁ3+ˁ .4ˁ5 61 ˁ.0408ˁ,1*B
+90 .6ˁ" -+"3+0ˁ,+-ˁ." 8ˁ,. 00 0ˁ -.*,5.6ˁ +*6ˁ .56+8ˁ06ˁ ˁh0 60*41 5 +8J ".,ˁ
,1* ". +8ˁ 5.*8ˁ5. 62+8ˁ-./ -0ˁ.44 4+8ˁ 4ˁ.4+-ˁ: "ˁS."ˁ 0,ˁ $1"" 4 0ˁ
E 10* *90* +-ˁ0/0-5"1ˁ3ˁ .-.0ˁ5 .0 4. ˁ(60 R+-ˁ 5 1 +-ˁ5 .0 04+-ˁ06ˁ
"9* 0 +-ˁ0<+8ˁ,.5618ˁ *ˁ* 20ˁ6 60 +*6ˁ,.56+8ˁ06ˁ ˁ 8R0*+8ˁ5 .0 04ˁ+28ˁ"09.6+8ˁ
06ˁ9 .6.ˁ .4.ˁ.ˁ ˁ- "62+8ˁ *ˁ.042+8ˁ5 15 8ˁ."%0 :. ˁ<+" 8ˁ + +8ˁ4 0ˁ03+0*6ˁ
0" ,C 0".0ˁ5 .0 4. ˁ0/0-5"1ˁ<.-ˁ9 ."%.*60ˁˁ? . *,+6+-ˁ5 .0 04+-ˁ ++-ˁ
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4*+-ˁ5. 608ˁ6 .* 0 +*6ˁ +.0ˁ4+-ˁ7+*6ˁ 0*.6+8ˁ3+.-:8ˁ+,,0"%+ˁ".06+8ˁ6.-0*ˁ
),0*6.-ˁ - "68ˁ *ˁ5160 +-ˁ:0 +8ˁ 0**020 9 +-ˁ,1- 60-ˁ 0ˁ &."0*,0*8ˁ0" ˁ
,60ˁ906.ˁ -/0"".8ˁ 0:0 +-ˁJ .0ˁ5 .0 04+-ˁ406*.*6ˁ,13+0ˁ3+.-5 -+-ˁ.4ˁ
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&ˁ ˁ; +6 +8ˁ516"60 .8.4ˁ 07.6+-ˁ 4*+-ˁ06ˁ5 .0 4. 18ˁ ˁ
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0-ˁ 2ˁ +- -150 0ˁ41"0 0ˁ -ˁ50,0-ˁ606. 0ˁ6+ ˁ6.-0*ˁ3+.ˁ.47+,ˁ +,0-2+ 9ˁ7.0ˁ
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3+ˁ5 8ˁ- * -0ˁ 4.6N 40*6 .0ˁ?.+60-ˁ0<+8ˁ7.0,ˁ. 9+-0*6.ˁ.2ˁ 4*2+8ˁ. 0 0ˁ
2.*6+ ˁ3+14ˁ 6.6-ˁ51"" ++ 7ˁ *ˁ 0"9 +-ˁ64:0*6+-ˁ28ˁ - "Rˁ E0 -.*18ˁ*+ ,ˁ.ˁ
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3+14ˁ.4ˁ5 18ˁ +/,"".8ˁ7.40*+8ˁ.,,040 0ˁ*1"+ "%06ˁ3+14ˁ"60 8ˁ+"6 - 8ˁ0/0 46+6*ˁ
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2+ "06' .2' 3+0' * 6 +4+8' .+ 8'E .*.60* 2+8'*+50'.6+'516 +8'3+.-': 6+60'40
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* ."+6.61' + 6 1 '*0'0/',1""13+ 1' + 5 , 1'1 06+ ' 4 ,0 ") -' 050 6.8'3+ 2+8'0
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, ,,, :'06 +/0"" 8'/: '51 6'.**1'06'.'h 0*,0 ".1'0<+ 6 +0'+/1 0<1.**.' *6+0 '
5 .0' 03+0*6 2+8'4+12+8'.** 8' 7 8'506 6 1* 2+8' -1 4 ,+8' * 6.*68'3+ 2+8' ' + 6 +8'
.6 8 .,0 0' 0,+ 06'6+*,',0 61'5 9*1 0',1* 6 6+ +-' 5 8'40'0<+8',1* " 1 :1"+*6.60'06'
*' 0"9 +-',7. 6.60' 06' 0"9.8'0/,+ .6+-' ' .5+4'1 - *0 8'*.6 1*08' 06' 5 +-'.401'
$7 " 55+-' ' . -.' 06 *0.*6' 3+0' " 20 6.60-'5 : "09 .'06' --+* 6.608'3+.0' 5 8'
: 6. 5 .',7. 1 .'0 "0' 4020.*6'.4' +"6 -+-'+ 3+0' : 6.0' 5 6+-'6+0.*6+ ' 06' '3+ '
40-'20*0'.* -.6+8'0 9.' 5 18' + 6 +8':0* .6'3+1 +-'50 6 *0 0'616'. -.61 +-'.9'
- *.'3+ 2+8' 6 5.6+8':0* 0' 40 6 *06' '7.0,'. 9+-0*61',0 6 " -1'0 "0'0+-'* 7 "' .*'
* 7 "' *,0 ' .* -1' -04 6. ' 6.3+0' 0 0 5 , .*6' *03+0'6.-'40,1 8' 06' 12 03+ '
3+.0?:.*.'*1- *.' :+"91' 1260*4.*6+6' .6 1*0-' 7.20.*6' 3+.-' ,1 * - 0 .6 1*0'
616' ,. 6+-'*+50' 0,0*60' , +40" 6.6 8'06'50 4 .0'0/0-5"1'0 .<04"'06' * +0 5R0'
*60 0 61 +-'6.*9.*6+ '*0,':0 1' 09 8' .-'06' *4 9*.6 1*0-'5 1560 0.' 0 1 - '
40*6'3+'51 6'616'9 .:0 8'1 " 0* 1*08' ',1* ".'20*0'5 1,040*6 .'1 - 66.*6' *1*'.* '
-+-' 04': 0"8'40 + "0'06'3+14' 0&0 0*6 .0'0 91' ., +*6' 4' -20, "" 6.6 8',1* 0 0*6 .'
.,0 0' *60 5 06.2 6* ' 0-' 5 18' 0/'*.6+ .'5 *, 5+-' -06 ' 4020 0' 3+ ' *<+ .0
H ' ' ' 3+.-
<)' ' !# /)'*)
'' ' ' ' '
0' = 4 4

& '3+.6 ' 0'.,,,5 0'.' + 8'5+6.*6'*+*3+.-' - 0 - 1 . -'.+6' 0* + -'4051*.*6'3+ 554 '
) ' '3+. - 4 +' +"6 1* 8' .6 1' 06' .,+"6.8' 40 , 6' *6, 0.' 4 " - +".*6' 06 .8' *' 41*0+6*'
60 - 5+8' 4 J0 +*6' 71,'7.20 0' *' 0' 50,+" . 0' + - - . -'5160 6.60 - ' *6' 5 1 50 8' * ?
1"0 ,.6'.4:0 .' - 5.6 0*606' 0 .6' * 7 "3+0' - .9 8' 0 1 - 406' ,<+. -' ' - .*4.6.' +.'
' ,1*60 - *.*6+ ' .+6' 4+ -' *<+ . .' 4 " - +".*6' 4' - 20, "" 6.60' .,0 0' , 34.*6+ '
6.3+0' 4 *1408' 4 0 3+0' :0 . 0' +6' 3+.,+*3+0' +"6 1* 8' 4.6.'1,,. 1*0' 0* + -' *<+ '
. + -' - * - 0'*09"0/ 0' : 40.*6+ ' 3+14'" '.,, 4.6' +6' + 6 +8' *0,0 " 6.60',1.4+8'
5.*58' 0"9 1'0< , '5.6 .6+ '06' 5 : "09 .'.*6 3+.' ,1* 6 - 06 ,1*4 6 1*08' 7.8' 5 ., '
60 0.'.440*4.8' 0 ,'< +6' 0/' 4 *+ -' 40, 061' 0*.6+8' ,1 6 6+.6+ ' 06' .0 .6 + -'.467 '
* "/06+ ' 50*08' 4 *08' <+8' .,' 5160 6.8\' 6' 2 8.+6' 60 3+16.** 8' ,1*:0*6+85+2" ,18'
5 1+6' ,1 - - 14+ -',1* +"6+ - 3+0' : 402 6+ ' ,0"02 .60 '0/'3+1 + -' 0*60*6 .'40' + - - .'
0 + -'40,0 * .6+ ' *60 0.'. 608' 4 +.*6+ ' .2 3+0' 01 + -',1* 0* ' + 6 +8' *0' - '
" 60 - ',1* , 2.6' 6.*6+ - 3+0' 5 .0 4 .' 5 1 4 *+ -'. 2 6 1'"1, 8' *0,0 ". 8' - 51 '
*.*6+ ' .0,' * 1" 6.0' *' 09*1'" 20 6.6 8' - 1* 6.' .+ - 18' <. -' 50 ' 0' ." 0*.618' *1*'
5. + -' 50 - 1:0 +*6' 4+ -' *60 0.' - " 8' *' J .*, . -'06' *9" . -' "09.6 8' .+/ " .'0/B
60 *.' 3+.0 0 0*6+ ' 06' .+ 1*0* 8' 5 0' - " 60 -' *' E0 - .* .' ,1* , 20 06' < .5+4'
*18' .+60 -' 1 - * .' "0*60' .4 - * 6 . 0*6+ ' "0* 1* ' 02+8' *1*4+ -' 20*0' 51 6' +"6 '
- . -'5., ,.6 1*0 -'5 1,040*6 2+8' " ".2067.' :061'.4' 3+. -'# "2 * +8' - 8' +0 .6'
:0 6.'*0' ." 1 + -'150' 40 6 6+6 0"9.0' 0/' 40"50 .6 1*0 104+8' *16 ,+ -' ,0 0*6' 03+ '
06' 08' +.8' J .*, 8' ,1 - - 660 0*6' 018' 50,+* .'<+: 6' / ' .+ 01 + -' ' - +6+1' 4.6 8'
5"+ .3+0' * +50 '5 1 - 6' ' - 1*+ 63+0' +6' *60 - ' *'$7 " 55' 40' - .*0 0*6' 2 0: '
3+0' 5.*18' 0"9 1' 4 - " - ' ' 50 . 0*6 ' 0, ' 4 *08' ,0 ".2.*6' 3+.' .6 1*8'
,+ -' + 6 1',1*:0* 0' 51 "0*6' , 02 1' 7 *,' *40' 01 - - 0.*6 2+8' [illegible] ." *90 - 1' *+506'
,/' 5.* .' 0:0 1',' & ""0 : ." 1 '06' E.*40* ' : ,0,1 - 60 '.4' 4' 40"09.6 8' %.*40 - '
3+0',+ -' + 6 +8' +,0 - 2+ 91' 2 . ,70 . - *. -':0* "06' *4+, .0' / :'4 ,6+ -'5 1?
- +"9.*6+ '8' 3+. + -' 60 - 51 0' 4.: +8' E1*C.9.' 06' A1.**08' ,1:04+8' .2' 05 61" 8'
*6+0 5 . - '% .<04+ -' 06' . -' - ' + *6' +6' ,+ -' 5.* 8' 40' 4 ,, "+' .90 0*6'
. - + ,+ -': , " -'"09.6' 4 *+ -':0*0 0' +6',+ -' + 6 1'01':0*6+ 0'.90 0*6' (04 '
,+ -' ""0' *1*' ,1 - 5. 0 06' . " *90 - + -' - 66 6' 3+ ' *4+, .8' *': '4 08' 5 1 19. '
5060 06' 6',+ -' ""'+ 90 0*6' +6' 5.*'.*60' 1 - * .' 4 - 660 0*6+ ' 06' + 6 +8' 5.B
, ,.6 1*0' E.*40* ' +2 , 20 06' + 6 +8' : , " -'50602.6' 40' 0,+ 6.60' 2 4.*4.'06'
1204 0*6 .'$7 " 551'51 6' 5.*1 + -' 00 "+ -'5 .0 6.*4.' 41*00',.:0 $' * +50 '06'
51 6+".2.6' +6' 3+.*41' *0916 + -',+ -' .+ 1*0* '06 1 ". 4 .0'.,'=0".*4 .0' 4 '
* 2+8' *' / *:0*6+' 90*0 ."'6 .* 90*4+ -'0 "06',1*:0*6+8' "1,+8' 40 9*. 06+ ' 4 9* '
6.6 3+0' 06' 50 1*.0' +.0' 0,+ 6.6',1* +"0 06+ ' '*. -' - * - 0' 2'40,1 + - '+6' 4+ -'
,+*4.' *'. - 8' 0 "0*6' 5 0'.' 090' - %+8' *0 - 8'. - .61 + -' 0' 40',1 - - 660 06 ' /'
3+ 2+8' :0 2 8' ,+ -' 5., ,.6 1* 8' E.*40* 8',.5 6.'.4' 0" 9 1*0 -' 06' .+ 1*0* 0 -'
504.*6 .' *'4+2 + -' 0:8 5. '.2' + 6 1': 40 0*6' 4 *08' 3+. ' 8' 0" 9 1* '5 .0<+ '
4 ,. 06+ ' 1 - * *13+0' 4'.90 0' + 6 + -': 40 0*6' +6'.*603+. -'40' 0" 9 1*0' 06'." '
*0916 8',+ -' .+ 1*0* '06' 1040 .6 8' 6 .* .4+ -'0 "06' - * - 0' 5.*'4 - 660 0*B
6+ '6 .'40, 06.' *' - 0 - 2 .* 8' 0/. .6.'5 1 - +*6' .,'5 - + -'3+ 40 -' - +"61 + -'05 '
,151 + - '.*6 6 6+ -',1""09 1 + - '06'." 1 + -'71 - * 2+8' 06' 9 "" 8' - .6+ -'/ : ''S."'
A.9+. .8' <' 0,+*46 - '.'40,.*1' 06' ., .0' 6S01"19 .0',5""09 1' 1:.* 0* ' +2 9*.6+ -'
." 3+16' 51 64 02+8' 0140 -' - 0* 0?' 06' 60 6 + -' 40* 3+0' : S.) ' 6 40 - <.*+. ' ,+'
4141 08' 06' 5 1 0 "2 08' +6 + 3+0' <+ 8' 1:.* ' +2 0 5 0 .*6' ' 7 8' 06' 3+. 6+ -'.44 '
6+ - '.' - +"6 8' 6 40 -'05 015 8' +2 9*.6+ - ' 06'.4' 51*6 ,0 -' - " - ' ' *'3+1' 0"9 '
5 .0 0*6' 6.6+' 6/51 61' 1 60*402.6+ ' 1040 0' 5., 8' *+50 ' : ? 4 ' 1: ' E.*4.:'
+6 *3+0' *60 ' 5 18' 4 *08 '06' .+ 1*0* 0 -'.,' 1040 .6.8' 5 1: *, .8' *6.9' * 7 "
.4+ -

'% '$ ' ? ' / !' = - # ! $ [illegible] $0 ! / " ' ? ' _ , ' #/ / ',3" # ' #
9 $ A / ' !' " ! $ ' ' ' ' ? ' ' ?

')' *' 0 enp

.4+ *'0 "0'0/'3+1'1 6714./.0' 40'.+6' .671",.0' 1-.*.0' 0"9 1*'3+ ,3+.-'40' " & '
6 -0*6'.+6'4.-*' "".6+-' *60"" 9'51 "06 ' .0,'0/6 0-1'.**1' *' 0"9 1'. 6.' ' ' # '
& ' ' ',' * 0" 1 0' 6.6+' 08'.5+4' X 18'0 .*6' ' +2 ' ,+-' ,+* 6.'41-0 6 ,' 20""' 12'
.' "0* 1* ' 0,0 +- +50 '0/46.6' -06+'6 05 4.'0" 0*6'6.*40-'<+/6.' * 3+.'06' *6+6.'
5.,0'6 .* .4+-'0 6' 1040 8'50 * , 1 6 -' .4 1*0' -1/' 0,+6.'3+.0' 09*+-' 6161'
1 20'5160*6 " -+-'.,' "1 0*6 " -+6*'.' "*4.-0*6 8'5.0*0'0:0 6 6' "0* 1* +8' : '
4'A.*+. ' +6',. .-' +.-',+*4 8'.55 12. 06'.4' 0*.6+*'$. 0* 0-'4.6'"60 .8'<
3+ 2+8' 40' 40'06'12 03+ 1' *' 090-'07.*6.60'0 9.5.6 .-'06' 09*'6 .*3+ "6.60-'
-+"6.'5 .0 .6+8' *: 6+-' 0' .,0 0'4 / 6'3+14'0/60-.8' ,15 .8' *'J .*, .-' *6 14+,0'
06'* 7 "3+0'*1*'5 +8' 0, "0' +6'0. +*' *9 4%+-' -504 06'.+6',0 60' 0-1 . 06+'<
:0 +-'50' * - ,1 +-' +1 .-'3+' 08'5.,.6.8'*1"+*6' *'.+".',."+-* .8' 4' 2'*1*'
" ,+ 0' 0.8' 9 6+ '6.*40-' *6 14+4.8' -.9*1' +1'3+ 40-',+-'41"1 0' ,060 +-' +6'
50 * , 1 .'71 6 +-' 09*' 1* ".'4 6+ 2 *6+ '06'3+14' *' +.-'.,' 09*'50 * , 0-'
-.,7 *.6' +*6' *' 5 1 +-',.5+6' 0, 4.6'51 6 0-1' .' 0*.6+' 506 6' +6' .+41 6.60-'
+.-' *60 51*.6' 06' .5+4' 090-'0/51 6.'0.+ .0' +.0'.03+ 6.60'20""'*0,0 " 6.60-'40'
5 0,0*6+ ' 60 .0',) -'."".6.0'0 "0*6'.4' 7 61571 +-'%7+.*+-' 0*.6+8'5 *, 50-'
,+-'." 8' .4' 5 +-'5 :.6 -'4 04 8'0.8' ""0' - * -0' -6' 5 '<+8'0 .6' 0 0 .: 6' 04'
7.2 6.',+-,1""09 8' *'. ,.*1'4," 20 .6 1*0' .4' 090-'.47+,'12"69*.6.8' 406+" 6' '3+'
: '5.48' 6+4 1 '06' +-- ' 09 .0' -.<0 6.6 8',+"61 8' ,+-'." 13+'0+-'3+. ' "0*'
,1* ' 02+8' .:0 06' *' + 5 , 1*0-'.5+4' 090-' -."'71- *08'.44+/ "%0*6' 5 +40*'
6 .-'".+4.: 6' 06' " 60 .8'5 0-'<+ " 6' 3+. +-'6.-0*' 0/0-5".50 '71- *+-' -.*+8'
.2' I? 0*b1* ' 0- . 8' 5. .'5. 6 -' +606 .0' :1" 6.2.*6' 0/' *60 0.'.4' 2*'
4.6+-' 06' A1' . - +-' , 02 18' *+*, 18' - 0 .6:' 3+ 2+8' 06' +18' "0*,1* +8' .4'
<+*/0 .6'+6'018' .2' *6 14+,0*41'71 6 '0/0 , 6+4071 6. 06+ ' *90*6 50,+* .'12".6.'
-141 3+.-5 -+-'0/0 , 6+8' 4 - 660 06+' ' 3+14' ' .,0 0' *1""0*6' 6.*6 50' *' " '
*.60' +2 60 0*6' 4+-' .03+ 8',1*4 6 1* 2+8'5./'3+.-'+* ,0' 0/506.6' +6 3+06+6.'
09 *.0'5. 0*6 8' 760 :6*6+' .*, '51 6' 4'3+.0' 1*4.0+8' 06' . - +8' 0 51*'
40*6' 06' 0/,+ .6.'. -1 +-'*0,0 " 6.60'0.3+0' *'5+2" ,.0' 6 .*3+ "" 6.6 8' 71 60 8' 0'
<04.'5. .618' 0' .03+.8',1*4 6 1*08 .,, 50 0' - "". 3+0'.+6'7.40*+8' 0,+ . "0' .+6' *'
51 60 +-' 0,+ .6+ 18' 40-1* 6 .*6k' 04' * - ,1 +-' -." 9* 6.60' . 6+' 06' * 4 1 8'
-.,7 *.6 1* 2+8' 0 ' +6' 0,+ .'5./'7+0' +"3+0' ,1* 6 6+' *1*' 516+0 6' $ 1 740' 0B
90-'1 .*6' *0 *' -."-'5. 60-'.,, 5 .6'.+6<5 1 +-' :1"+*6.60-' * 6 0' *60 5 0'
606+ ' ' 41*00'.,' 4+ 8' 1 6."%0' ,1*4 6 1* 2+8' 2'40 *0258',.:0 ',+5 .*6' 1-'
-0.*6 2+8' 7 *,' *40' "09.6 8' 06' 0506 6 8' .05 +8',1""13+ 8616+8<.*+. +80/6 .4+8'
4+-' 7. - 8' 1*4.0+8' 0 06' F I
F ' " '0/6 0-+-' * 6 9.*60',".-'5 1' "0* 1* , '3+.-: 8' *' 50, 0-'." +4'
*90 06' 1*4.0+8' 06' . - +8',+-'0/0 , 6+' *' E."" .-'40 00*4+*6' *' 01' 0 .*6'
E0 -.*1 +-' 03+ 6+-' 3+18' . - +8' 5 0',1* 0 5 0 6' ' '06' 5 .060 '018'
&'. ' ' 3+ 2+8' +* :0 8' 5 0' . - +8',+-' +--1 -50 1'5 .00 .6' 2 8' <* ""0'
E. " '3+' 0' *' " - 60',+-' 1*4.01',1*<+) /0 .*6' E0 -.*1 +-'504 6+-' ' , 1'<
0"9. +-' ' ! ' 0"" ,+8' .55. .6+8' 1-* *1',1* 6.2.6' :' -.<1 2+8'06' / : ' - *1'
2+8' 61 -0*6 8' 8'.,,0 0 +*6' 0":06 1 +-': ' ' *',' 0 *.6+-'4 6 1*0'.' . '
- 1'0/' 1040 0',1* 0 56.' G+1',19* 61' 0/'<.-'.*60'50' ++-'.5+4' 0":06 18'1 .'
61 0-',+-' 0 *.6 2+8' 0/51 6+".:0 .6' '06' 0.' 0' 104+8' 3+14' 09 2+8' E."" .0',+-'
5.9 8' *60 ,04 6 : 1". ',1*60*402.6' '50602.63+0' ' 104+8' .":+-':0""0*6' +6' 40"04+8'
"" ' 6.6 -' 0:1,. 0*6+ ' 6' 0 *.608' 3+ 40-' :0' 4' -+".60' :0' 0/'.* -1' .,0 0*6
'+6' 090-' 06' G+ * 5.9 ,18' *./ -0'3+' 09 8'*1- *0' 0' *60 51*02.*6'5".,. 0*6'
0*.6 ,1* +"6+-' ., +*6 3+1' + 8' 1-*0-'0/60 *<8'5 *, 5 2+8' - 6.*4' .,+"6.60-
' *60 4 ,02.*6
& ' % D?' "0* 1* 1'50'0- " 18' +18' 5. .' ' '4
'A' '%' ' '$' ' I' ' ' A !2 !$ 2 #!/' !' ! $ -' ' !# !'"' ! ' ' 8

, I ˢ ˢ '

&Sˢ *60 4 ,02.*6ˢ9 .: ˢ *ˢ40, 06ˢ60 - 0 .61 08ˢ510*.ˢ ,1* 6 6+6.ˢ ,1*6 *+13+0ˢ3+.0 61ˢ

') # ˢ 0* ˢ.4ˢ +58ˢ3+ˢ<. -ˢ *ˢ# . "00* ˢ.9 1ˢ,5*:0*0 .*6ˢ,+ -ˢ40, 061ˢ - 66+*6ˢ &0 + -ˢ
8ˢ 0ˢ * 0 6.ˢ 04 6ˢ,+ -ˢ4+461 08ˢ 5ˢ0/,+ . 0*6ˢ06ˢ* 7 " 0ˢ,1*6 .ˢ 104+8ˢ 0":06 8ˢ,+ -ˢ
090ˢ * 6+ -ˢ .,0 0ˢ06ˢ - " 6.60ˢ ., . - 0*6+ -ˢ<. -ˢE. - 1ˢ404 0ˢ4 ,0 0*6ˢ3+14ˢ, 6 .ˢ
5 12 + -ˢ: 1".60ˢ*1*ˢ51 0*6ˢ [+ -ˢ7 8ˢ,15 8ˢ 1*4.0+8ˢ50ˢ . * .,+ -ˢ.9 + -ˢ *ˢ
, *91*08ˢ40 ,0*4 6ˢ< +2ˢ .ˢ ,"15506. 8ˢ+"6 - + -ˢ.9 - 0*ˢ,. 50 6 2+8ˢ 04ˢ.ˢ - .<3 ˢ
2+8ˢ 61 - 0*6 8ˢ5 .0, 5+0ˢ ,+ -ˢ+ 20 -ˢ5 .060 :070 06+ ˢ*+""1ˢ ." 1ˢ4. - *1ˢ. , ,0561ˢ
* 0 6.6+8ˢ + 6ˢ 3+. -ˢ *<+ . -ˢ +ˢ 5. 8ˢ ˢ0ˢ5.918ˢ06ˢ: ,18ˢ *,0*4 8ˢ+"6ˢ +*6ˢ *40ˢ
,+ -ˢ +2ˢ1,+"18ˢ : 1*0* + -ˢ50 6 .* 06ˢ0/0 , 6+8ˢ 6 40 -ˢ .2ˢ ." 3+16ˢ5 .0,+ 1ˢ
2+8ˢ06ˢ - .,7 * 8ˢ0/ˢ+ 20ˢ4 5"1" 8ˢ506 6 8ˢ0 6ˢ U + C + - 3+0ˢ60*40*8ˢ,+ -ˢˢ- 06.61 08ˢ
01ˢ 5 1 04 ˢ+6ˢ 71 5 6 .ˢ40 9*. 0*6ˢ .2ˢ255 4.* 8ˢ *<+ 1 0ˢ0/,"+ ˢ0 "0*6ˢ .4ˢ0/0 - ˢ
5"+ -ˢ50 6 *0 0ˢ .6ˢ4+,08ˢ 6ˢ 155 4+"+ -ˢ402 "0ˢ6.*61ˢ0/0 , 6+ˢ51 6.8ˢ ,".+40 06ˢ .4ˢ
7.0,ˢ+6ˢ - " 60 -ˢ0/ˢ: .ˢ 0"%+ -ˢ 0 ,0 0*6ˢ06ˢ5 .04.ˢ." 3+.*6+ -ˢ .6 . 0*6ˢ: -ˢ5. .*6ˢ<
0 ˢ + - - 1ˢ - .*0ˢ,15 8ˢ.4 - 16 8ˢ06ˢ - .,7 * 8ˢ4 "51 6 8ˢ - + 18ˢ5+" .*6ˢ 04ˢ,+ -ˢ04 6.ˢ
+ 7.ˢ *1*ˢ .6 8ˢ,.5./ˢ: 40 06+ ˢ06ˢ3+ˢ5 45 +8ˢ.,,0 "0 .*6ˢ,+ -ˢ4. - *1ˢ 05+" ˢ0 0*6ˢ
*ˢ, . 6 *+ -ˢ155+9*.6 1ˢ4 0 6+ ˢ G+1ˢ4 0ˢ155 4.* ˢ3+ˢ 1*4.0.*18ˢ - * - 0ˢ 2ˢ
+2 6 6+ 18ˢ5+6. 0*6ˢ +2ˢ 0 1ˢ 0 -ˢ.9ˢ: 40 +*6ˢ3+ˢ5 +8ˢ 0 1,08ˢ06ˢ50 ,+" ,1*ˢ
60 - 561 08ˢ 0ˢ5 .02+0 .*6ˢ 0".*9+0 ,0*6 2+8ˢ .* - 8ˢ ,1""13+ + -ˢ 51 ,+*6ˢ06ˢ ,+ -ˢ
. - 3ˢ50ˢ 1*4.0ˢ.2 0*6 . -ˢ: 6. -ˢ06ˢ 08ˢ .":.8ˢ5.4ˢ40ˢ404 6<1*0ˢ5., ,+*6+ ˢ
1/ˢ +50 :0* 0*8ˢ 1*4.0+8ˢ,1*4 6 1*08ˢ .6.8ˢ7.2+ 6ˢ,+ - 3+0ˢ 4ˢ3+14ˢ0:0* 6ˢ:0ˢ
6+8ˢ3+1 4. -ˢ0ˢ*12 " 6.60ˢ,+ -ˢ40"04 8ˢ.4ˢ - .<1 0 -ˢ 0,+ 6.60 -ˢ *ˢ155 4+ -ˢ *6 1ˢ
4+/ 06ˢ E0 - .*0ˢ "" ,1ˢ6+ - +"6+. ˢ06ˢ5 .04. -ˢ155 4ˢ6.*3+. -ˢ 62ˢ402 6. -ˢ 04 ˢ
6 1 0ˢ4051 ,0 0ˢ 0,+ .*60ˢ 4ˢG1*4.01ˢ06ˢ 40 -ˢ4.6. -ˢ1260*40*60ˢ ""ˢ: - %., +*6ˢ
06ˢ,+ 614 .8ˢ.4ˢ51 6.8ˢ4 51 6.8ˢ6+ 2.*6ˢ %+ *ˢ6 +, 4.6 8ˢ40"04 8ˢ.ˢ 1*4.01ˢ *6 1ˢ
4+4 8ˢ 0 1, 1 08ˢ 044 6ˢ 12: 18ˢ3+1 3+0ˢ, .04+*6ˢ06ˢ155 4+ -ˢ, +40" 60ˢ4 <5 +*6ˢ
0 *ˢ 0,+*4+ .ˢ9 0"*. -ˢ06ˢ .2 "1*0 -ˢ .41ˢ 6 *0 0ˢ 06ˢ *,0* 1ˢ . 67+ .*1 + -ˢ
,10*12 1ˢ ˢ 1 41* + -ˢ:0* +*6ˢ .*6 6 6 8ˢ "+* .,0*" 8ˢ155 4+ -ˢ. ,0ˢ - + -ˢ< +2ˢ
E0 - .*0ˢ *1*ˢ 05 .0 0*6.6. -ˢ 50,+* . -ˢ ,.+ .6ˢ ,+ -ˢ6+ - +"6+. ˢ *, 50 0*6ˢ : /ˢ
2".*4 8ˢ5 0, 2+8ˢ06ˢ*1: 8ˢ5 1 - 8ˢ.ˢ 1*4.01ˢ1*0 .6ˢ5 2* .6 8ˢ01 -ˢ4+41 2+8ˢ
5".,. ˢ516+0 +*6ˢ ˢ ˢ

& ˢ ˢ+ˢ ˢ *ˢ01ˢ +*6ˢ,/0+*60ˢJ02 +. 1ˢ40ˢ .:. ˢ0/ˢ.+".ˢ4 ,0 ."".6+ -ˢ0 6ˢ
8ˢ ,+ -ˢ 50, 0ˢ:0*.6 1* 8ˢ "1*9 +8ˢ .2ˢ+ 20ˢ0/,+ 0*4ˢ" 20 6.60 -ˢ+ + 5." 06ˢ 02+8ˢ
.*60ˢ +. 1 0ˢ06ˢ.4<+61 0ˢE+" 0" - 1ˢ6 "6. - 0 1ˢJ0 :., 1ˢ5. .6 8ˢ5.+"1ˢ51"" *ˢ: .*3ˢ
0ˢ4.6ˢ06ˢˢJ. . -ˢf0 1 - .*4+1 + -ˢ5 - + - ˢ +.0ˢ4 6 1* 8ˢ155 4+ -ˢ *ˢ 0"9 ˢ" - 60ˢ
.,ˢ- 1/ 0 0/1ˢ 6 *0 0ˢ +6ˢ - .9 8ˢ .""0 06ˢ & *41, *+ -ˢ506 6ˢ - "5ˢ3+ˢ4 ,0 " -ˢ
++ -ˢ :0* .ˢ *1*ˢ506 6.ˢ.5+4ˢ 090 -ˢ.,ˢ 09 *. -ˢ0/,+ . 06ˢ 40ˢ * +50ˢ4.6.ˢ* 7 " ,ˢ
+1 :0ˢ .4+ 18 3+14ˢ 09 .0ˢ.+41 6.6ˢ5 .0<+4 ,. 06 .+6ˢ3+ 060 -ˢ5+2" ,. -ˢ6+ 2. 06ˢ
& *41, *1ˢ,+ -ˢ. - , 8ˢ+* 3+0ˢ0:1,.6 8ˢ*+"".ˢ- 1 .ˢ *60 <04.ˢ5 19 04 6+ ˢ06ˢV 90 ˢ
.4ˢ1ˢ ."" .*. -ˢ. ,0 -ˢ +50 .61ˢ *ˢˢ 3+ 6.* . -ˢ,+<+8ˢ5 .0 08ˢ0 .6ˢ50 0/ 6ˢ .ˢ 0ˢ
3+. ˢ,1*6 *+.6 8ˢ - ." 8ˢ,+ -ˢ *ˢ.+".ˢ.661* 6ˢ0 60*6* - "61 + -ˢ.* - ˢ6. - 0*ˢ 0/ˢ 09 ˢ
*.3+0ˢ2.+4ˢ50 *40ˢ6+ 2.6ˢ +*6ˢ3+ 550ˢ3+ˢ 6.ˢ<+4 ,. 0*6ˢ *60ˢ .4 1 18ˢ3+1ˢ5"+ 08ˢ
4+,08ˢ0 "0*6ˢ01ˢ - *1 0ˢ,1*,1 4 .ˢ3+.0ˢ.4ˢ 08ˢ90 0*4.8ˢ - . / .0ˢ: ."06 *60ˢ 5 18ˢ
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,+ -ˢ *ˢˢ(056 - .* .ˢ 0* ,+8ˢ 1 - 1 .*6 +8ˢˢ . - : "".ˢ06ˢA.,12+8ˢˢ + "2" +8ˢ 6ˢ
,0* + -ˢ4+/ˢ 08.4 - * 6 . ,*6ˢ+60 3+0ˢ 09 + -ˢ*1 - 0*ˢ1260*402.6ˢ3+. - 5, 1 + *\
ˢ ˢ 4 :+ " 5*0

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4 :+" 4*0ʻ" ,2.6ʻ +6ʻ 4 :+"" 8ʻ06 . -ʻ ! ")ʻ+6 *3+0ʻ515+".608ʻ *+8ʻ5 .0 041 + -ʻ & ʻ
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6.3+0ʻ *ʻ?& :. 0* 6ʻ5.90ʻ,+ -ʻ + +8ʻ6 08ʻ5 .0 04ʻ0 "0*6ʻ + 9 38ʻ 09 8ʻ*1 - *0ʻ
, +9 0 +8ʻ06ʻ$06 19+ 4 +8ʻ.ʻ 1040 .6 8ʻ - 51 6ʻ7ʻ.4ʻ 09 1* 8ʻ 0,+ 6.60*.ʻ155 4.* 8ʻ
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0ʻ.ʻ,1 - - +*ʻ +. + -ʻ0,,"0 . + -ʻ 1040 0ʻ7.+43+.3+. -ʻ4 0040 0ʻ*1:1ʻ,+ -ʻ *4 ʻ
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4 4.0ʻ +*6ʻ+6ʻ *ʻ& :. 0* ʻ5.91ʻ.2ʻ. - 8ʻ.2 6 *0.6+ʻ< *03+0ʻ,+ 3+. -ʻ *4 90*.0ʻ
.+6ʻ50 09 *1ʻ5 1560ʻ5 .060 6.8ʻ1 0* 1*08ʻ50 ,+"+ -ʻ, 006+ ʻ*3""+ -ʻ.9 ,1" 8ʻ.+6ʻ
- 0 ,.61 2+8ʻ *ʻ,1 51 0ʻ.+6ʻ21* 8ʻ44 - *+ -ʻ * 0 .6+ ʻ* 7 "ʻ *ʻ155 4 8ʻ71 6 "0ʻ60*ʻ
606+ ʻ*+"".ʻ *ʻ.9 1ʻ .6ʻ0/,+ 1ʻ" 20 + -ʻ *ʻ155 4 8ʻ06ʻ.9 8ʻ+2 3+0ʻ.,ʻ6+6+ - 6ʻ
,1 - - 0 , + -ʻ,.56+ -ʻ06ʻ.2.4+ -ʻ50,+8ʻ*+""3ʻ 040 - 56 1* 8ʻ5 06 1ʻ50 1"+61ʻ6.6 -ʻ
0 6 6+.6+ ʻ5 .0 4 .ʻ0/ʻ,1 - - +*ʻ,1* 0* +ʻ0ʻ 09 1*0ʻ404+,.*6+ ʻʻ06ʻ3+.*6+ -ʻ+6ʻ
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.+ +8ʻ0 6ʻ50 4+0"" 1* 8ʻ 0+8ʻ7.20.6+ ʻ06ʻ6.*3+. -ʻ5 .041ʻ06ʻ5+2" ,.0ʻ5., 8ʻ71 6 8ʻ
.* - .4:0 6.6+ ʻ ,+ 0*6ʻ+6 + 3+0ʻ5. 6 8ʻ4+,08ʻ+6*12 " 2+8ʻ06ʻ155 4 8ʻ71,ʻ 104+8ʻ
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4. 0*6150 . -ʻ4+,08ʻ+6ʻ 104+8ʻ71,ʻ.ʻ5 .0 04 8ʻ 09 8ʻ06 5 1ʻ 090ʻ .6+ -ʻ7.20 06+ʻ
.,ʻ,1* - . 06+ʻʻ3+14ʻ ʻ .,0 0ʻ*1""06ʻ6. - 0*ʻ *6 .ʻ - 0* 8ʻ 5.6 + -ʻ51 6ʻ 09 .0ʻ:1B
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+ 9 +8ʻ+2ʻ.4ʻ 5 1 + -ʻ.+ 0 8 50 :0* 6ʻ3+1ʻ - *+8ʻ"1,+ - 7.20 06 1 - *ʻ150ʻ06ʻ. 60ʻ
- 504 0ʻ,1*.6ʻ +*6ʻ,+ -ʻ50 " - 1ʻ0/0 - 5"1ʻ 0 ʻ4 ,0 0*6ʻ+6ʻ515+" ? 5 061ʻ 09 8ʻ
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- 50 ʻ 0,+ 6.60 -ʻ,+<+8ʻ *60 6ʻ + - - . -ʻ 0 -ʻ50*08ʻ 090 -ʻ,<+ 3+0ʻ5 .0 0418ʻ
0 "0ʻ - * - 0ʻ:."0 0ʻ 4ʻ7.0,ʻ06ʻ 1040 .6ʻ. 02.*6ʻ*1:1ʻ71,ʻ 1040 0ʻ - ./ - . -ʻ *ʻ
<+ . -ʻ,1 - - +*ʻ*+50ʻ * 61ʻ 0 ʻ*. -ʻ& :. 0* 0 8ʻ3+ʻ 02+8ʻ +8ʻ01ʻ .6 8ʻ,1*ʻ
+"6+ -ʻ0/ 6 - .2.*6ʻ50 ,+"1ʻ *9 +0*60ʻ40ʻ,1 - - +*ʻ ."+60 - *+8ʻ 1" , 618ʻ 1 0ʻ.,ʻ
5 1 *40ʻ6.*6+ -ʻ,1 - - +*ʻ,.+ .0ʻ40 19. ʻ3+.*6+ -ʻ 0,+ 6.6 8ʻ50,+" . 60ʻ ""1ʻ 2ʻ
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09 .0ʻ* 7 "ʻ0,,"0 . + -ʻ 1040 ʻ0.ʻ6 .* .4 1*05 .0<+4 ,. ʻ 04ʻ516 +8ʻ .4ʻ ,0 6. -ʻ
08ʻ *ʻ+* :0 1ʻ 09*1ʻ,1 - 51*0*4ʻ .6 1*0 -ʻ01ʻ0/0 - 5"1ʻ .,0 -ʻ5 .0".6. - ʻ*. - ʻ3+ 4ʻ
+6 " +8ʻ.+6ʻ - .9 8ʻ.4ʻ - . -ʻ *ʻ51 60 + -ʻ5.,0 -ʻ,1* 6 6+0*4 -ʻ*0,0 ". + -ʻ0/,19 6. ʻ
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4 +.*6+ ʻ06ʻ. - 16 8ʻ5 .0 4 8ʻ6.*6+*40 -ʻ 09 8ʻ.0 . + -ʻ"0:06+ʻʻ*. -ʻ *40ʻ5 1,+"ʻ
4+2 1ʻ71,ʻ ,1 - - 14+ -ʻ 0,+6+ + - ʻ +6ʻ + 6 ,+ -ʻ 15+8ʻ +2 3+0ʻ * 6.+ 06+ ʻ3+1ʻ 0 0ʻ
09*ʻ1508ʻ,1* 6.*6 0ʻ,1 - - 0 , + -ʻ 0 6 6+.6+ +2".613+0ʻ ., *1 1 1 + -ʻ.4ʻ5 .04.8ʻ
0/,+ 0*6 + - ʻ3+ʻ.4ʻ "".8ʻ. ,08ʻ 0,056+ -ʻ7.20*6ʻ - 06+ʻ515+"+8ʻ.ʻ5 .060 6 8ʻ,.".ʻ
- 6.6 2+8ʻ 0 5 . 0ʻ *, 5 .6ʻ 4ʻ* 7 "1 - *+8ʻ,+ -ʻ 090 - ʻ3+ʻ .6+ -ʻ7.20 0ʻ 104+8ʻ
*1"+0 .6ʻ06ʻ . - : "". -ʻ.090 - 0ʻ 0 0ʻ,+*4ʻ *60"" 90 0 6ʻ ʻE0 4.*+8ʻ6 2+*+8ʻ
3+ʻ0/ʻ6+ 2 8ʻ5 :.6+ -ʻ,1 - 50*4 + -ʻ.+,+5.2.6+ ʻ7.,ʻ 4+, .U& :. + -ʻ5 - . . -ʻ
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& 155 4.*1 +* 5 .0 4 1 ,1*3+ 0 ,02.6 . 6+ *60 , 5 6 G+. 40 0 ,+ - 09 .5+4
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7.2 6+ 0 0*6 *.50 1040 0 12" 9.6. - ".04 4 ,0 0*6 "" ,1*6 . 0 , / ,+ . 0 06 ,
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51 1 150 . - +6 1 - *08 *60"" 9.*6 E0 4.* 2 .4+ . 4 5" , , 0 06 * 6 E0 4.*+8
,+"5. - 0 - 0*406 .4+ 18 +6 5 + - 60 - 0 6.6 8 +.0 510* 60.6 *. - * <+ " 8 ""0
5. +0 6 0 1 - *0 8 1508 ., ,1*.6+8 - 5 * + 18 06 : 0 8 ,+ - .671" , 8 *0 +"".
6, 9 :0 .6 1*0 .".., 60 ,1*<+*4+ 18 (0,+*4+ - 7.0, ,+ - $ 160 6.*608 .5+4 E0
4.*+ - 40 & :. 1 , .561 ,1*3+0 0 0*6+ 06 +6 + 20 - 0 6 6+0 06 06 4. - *+ - .
, 06 + 90 0*6 ""0 * 7 " . 0 ,1*6 . 20"" +8 .4+ - 0"51*406 *. - *03+0 0 ,+
3+. - 40 - 404 " 0 *03+0 5 4 *40 104+8 : 1 ." 0 + 20 - *,+ 614 6. - . 40*6,
20""1 1,,+5.""0 G+ 4 71, ,1*6 . ,1 - - +*0 104+8 N 3+ 4 ,1*6 . 5 .0 041 - - ,
9 1 + - :1"+*6.60 - A .* *1* 1 - *0 8 0 0 *1:+ - 71, ., 50,+" . 0 104+8 *03+0
. - : "". - 5 12." 0 *03+0 090 - .6+ - 7.2+ "%0 N 6.3+0 3+14 0,0 6 <+ 0 20"" 0
, " , ., 5 1 *40 6. , 2 0*60*6 . - + 20 - 3+. - "09 6 - 8 . - 8 1,,+5.:0 6 .4
:0 +8 1 - 0 - : - 6+0 1, 0 51* 1 . 19.*6 .0 5"0*1 6.6 $ 160 6.*608 - 1?
*0*6 .671" ,18 +6 ,1 - - +* 2+8 . - 8 ,1 - - +*0 - *<+ . - +", 0.*6+ <. - 330
* 01 0 .*6 +6 ,15 .8 .4 + 20 - .4 - 1:0 0*6 ,+ - E0 4.*+8 .2 . - , 8 1" , 6.6+8 +6
50 6 *., .0 .4 *+"". - 0 - 5 +6+ .0 - 14+ * .,0 06 6.*40 - - +6.61 ,1* " 1 & B
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% 1*4.0+8 06 . - +8 6 .* - " 1 .4 U 7. 6.0+ - 2 90 .4
".:0 0 - .,,04+*6< ,.5613+0 404 6 1*0 2 & ,7 1 3+14 09 18 * 5 15 *3+1 0 ,
,19*1: "0*6 * 01 0 - +* +*6 /0 46+ 09 1 5 .00 .6 . 1"+8 167. *9+8 U ,
46".*.0 4+/ E+ .60 3+ 1" * + - + 3+0 * 1 8 :0*0 .6 +6 E0 - .*18 "
51 0 6 .* 6+ 5 17 20 06 3+ : 2+8 - 5. ,+ - 1*4.0+ - ,+ - 5. 60 ,15 . +6*
+: + - 6 .* - "0 ,1 - 50 06 +6 0 * 1 8 ,+ - "0*,1* 1 ,1*<+*90 06 . -
+ - .+60 . ,+ - 60" 3+1 0/0 , 6+ , 8 ".:0 0 - - .* "%0 , . - ,1 - - 14. - 5+9*.,
,1 - - 660*4.0 2,,. 1*0 - . 2 6 .6+8 .4 71 60 - 4+, 6 &0 + - ,19* 61 . . + -
"1,1 .03+1 06 * 6 +4 8 * ., 0 - ,15 8<5 + - 0/504. 0 06 *60 - 1*4.0+ - *01
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4.0+8 6. 4. 06 . - +8 .:0 0 - 6 .* :.4.: 6 06 .4 1*4.0+67 3+ *8 :0
*1 + - * 2+8 0 .6 ,1*60*4 6 :0 * :. 6 6.60 - 06 4 056 1*08 . E0 - .*1 *< < 6,
:0 6 .+ 01 + - 50* 6.6 8 6 .* 6+ - 040 - 0 +*6 - 50 .6. 5 .060 0. *90*8
,1 - - 0.6+8 ,15 . 2 E.*.51 06 3+ 8 5. 8 ." 3+0 155 4 8 50 3+.0 0/0 46+ *,0
40*4+ - 0 .6 0 - + - : 1* . 6 ? 1 .,1 1*4.0+8 ,. 6 . - 1:0 06 2 1".6*
. .*0 - * ,+<+8 :1 6 ,1 1 :.41 .4 0 + 8 . - 6 .09 0 6 .* - 6 + - :0 1
7. + .* *9 4 + - *09. 0*6 06 , 50 6 *., 60 .4 40 0* 1*0 - 5. . 0*6 1*B
4.0+8 61 - 0*6. .4 - 1:0 <+206 5"1 1*0 40<04 8 51 6 8 06 - +* 6 1* 2+8 155
4.* 4050* 8 .+ 01 + - 0 . E1*4.0.*18 5".,. +*6 2 ." 3+16 4 0 + - - 1 . 0
041 0/0 , 6+ J .*, 0+8 V .*1: +8 ,+ - 40"04. *12 " 6.60 .4 1*4.0+ - :0* 6 06
60*,1* + - 2.+4 5 1,+" 0"%0 0+ - 3+0 +6 .4 0 :0* 06 ,+50 0 9* ,.: 6 6.3+0
,1* 0 6 - 1*4.0+8 ,+ - +* :0 8 ,15 8 .4 "0*,1* + - 5 1 , 0 6+ 0 3+0 51*60
.24 ,.60 . 0 + - - 1 - 50 1 - 1 0 1"0 - * 0/0 , 6+ - 6 .4 6 " .6 .3+0 0 6. 61
- 0*61 + - 4 5"1 1*0 "0* <1* +8 6.*3+. - + - - +8 4+/ .2 +* :0 1 0/0 , 6+ ."+
.6+ 06 * 60*61 8 .4 4 5. .6 8 . . - 1 ".+61 ,1*: : 1 0/,056+8 0 6 %+ - "+ 6 .61
/0 , 6+ 4 . 6 * # (1C0* 5".* 6 0 *+ - 0 .6.0 +*6 03+ 6+ - :0/ "".6 1*,8
// E0 - .*1 + - / E."" 1 - - / : 0":06 1 + - 9*.K : E0 - .*1 + - 504 + .

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06ʿ & ʿ E.""1 + -ʿ ʿ36 .,ʿ1 - *08ʿ ,15 .0ʿ .3+.8ʿ .44+/0 .6ʿ "0* 1* +8ʿ5+6.6 8ʿ / / /ʿ ," & ʿ
! ʿ ʿ0 , 02.*6ʿ ʿ ʿ) ʿ
ʿ ʿ .ʿ 1" * + - ʿ 3+1ʿ *60 -ʿ?# 04+.* +8ʿ 4 ,0 ", .6ʿ "0* 1* +8ʿ . - 6ʿ
1*4.01ʿ ,1*60*4 6ʿ+6ʿ 2ʿ *ʿ,1 - - +*0ʿ ,+ -ʿ20""ʿ4*, 2+8ʿ ,.5 6.ʿ,1* 0 06ʿ 0" 41ʿ
*ʿ ,. 6 8ʿ ." - 1ʿ %+ *ʿ 0/ʿ ,1 - - +*ʿ ,1* " 1ʿ ,+ -ʿ 40"09.6 8ʿ$ 160 6.*6 + .ʿ .,ʿ
. - : "".0ʿ *ʿ5 - 806*+50 ʿ0/.+".0".5 .:. 7.2 61ʿ +55"0/ʿ " 20""+8ʿ ,1* , ʿ
2 6+ ʿ 09ʿ1 J0 0*4+8ʿ3)1ʿ0.40 - ʿ 3+.0ʿ.ʿ 1*4.01ʿ06ʿ 1, 8ʿ +50 1 0ʿ.**1ʿ5 151 6.ʿ
+0 .*6ʿ51 6+".6.ʿ,1 - 5 070*402.*6+ ʿʿ." 3+.*6+*ʿ6. - 0*ʿ "0* 1* ʿ +. +ʿ - 6 9.6.
* +50ʿ06$ 160 6.*608ʿ.44 40 0ʿ+6ʿ40, - .8 3+.8ʿ +*41 + -ʿ .6 1*0ʿ .,0 416 2+8ʿ4. 0ʿ
60*02.*6+ ʿ ʿ5. 61 + -ʿ +1 + -ʿ ." - 1* . -ʿ 40 *,058ʿ - 50*40 0*6ʿ +6ʿ 0/ʿ6.6.ʿ7.ʿ
20.6ʿ3+.0ʿ 1*4.0+8ʿ%+1ʿ 1, 1 + - 3+0ʿ *1 - *0ʿ "0* <1* ʿ - .*4.6+ʿ ,+ -ʿ$ 40 ,1ʿ
0560 - : 1ʿ$.".6 * ʿ06ʿ ." - 1ʿ " 1ʿ6 .* 09 6ʿ "0*,1* 1ʿ 51 6 1ʿ20 04 6. .ʿ5 1ʿ
4 9* 6.60ʿ 41*0.ʿ .66 2+.6+ < *ʿ 0. *ʿ 0 -ʿ0ʿ5 1: *, .0ʿ."" 9*0 6+ ʿ3+ 2+8ʿ6+,*4 8ʿ
5 .0606ʿ +. -ʿ,0*60*. . -ʿ." .0ʿ/ *ʿ,.6.57 .41 + -ʿ6ʿ03+ 6+ -ʿ.".,ʿ06ʿ504 6+ -ʿ" ʿ, 1ʿ
.ʿ 090ʿ40*6+ ʿ0 3+0ʿ0/.0 . 1ʿ 6 5 0*4 .ʿ*+ - 0 0*6+ ʿ $,. 4 .0ʿ5 .0 04+ . -ʿ 1*B
4.0+8ʿ*1*ʿ6 6+"1ʿ60*+8ʿ 04ʿ 0ʿ 5 .ʿ.4 - * 6 06ʿU 1*1* . - 3+0ʿ ,+ -ʿ60 6 61 1ʿ.4<.ʿ
,0*6,ʿ *ʿ5160 6.60ʿ +.ʿ7.20.6ʿ06ʿ"09.6+ -ʿ5 1ʿ +1ʿ. 2 6 1ʿ - 51*.6ʿ$.*, ,+8ʿ 1*6 0ʿ
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5 .0 .4.ʿ50 6 *., .ʿ.44ʿ:1"+0 .6ʿ ʿ+6ʿ$ 160 6.*6 2+(ʿ,+ -ʿ .671" , 8ʿ60 - 5"1 + -ʿ50ʿ
1 - *0ʿ 09*+ -ʿ<+8ʿ ,1 - - +*0ʿ0 "06ʿ*03+0ʿ*1:1 + -ʿ.04 ,.*41 + -ʿ*0,0"" 6.8ʿ0 8ʿ - ʿ
51*0 06+ ʿ. 3+0ʿ "0* <1* 1ʿ5 1 09 8ʿ .+41 6.8ʿ50ʿ+* :0 + -ʿ 09*+ -ʿ .66 2+0 0ʿ
6+ ʿʿ06ʿ3+1* . -ʿ40ʿ 0":06 1 . -ʿ40"04 2+8ʿ9 .: 8ʿ.5+4ʿ5.908ʿ0/51 6+".6 1ʿ * 6 6+6.ʿ
0 "06@ 0/ʿ3+ ,3+ 4ʿ *ʿ0.ʿ 0ʿ.4+ ʿ +0 .60ʿ 4ʿ6.*3+. -ʿ +1ʿ - .*4.6+ʿ .4+ -ʿ .6+ -ʿ7. \ʿ
20 06ʿ (04ʿ0.ʿ5. 6 -ʿ0/5"1 .ʿ5. 6 -ʿ+6ʿ *: 4 .0ʿ5"0*.ʿ.+6ʿ,+ -ʿ." 8ʿ01* + .ʿ.+6ʿ1 - ʿ
* *1ʿ1 - .ʿ +*6ʿ .:. +8ʿ 06ʿ50 ʿ 40"09.608ʿ5 15 .ʿ.4<0, 6ʿ3) .0ʿ50,+" . 60 ʿ 08ʿ
+.8ʿ 0 5 , 02.*6ʿ +6ʿ5.,0ʿ .4.ʿ * ʿ 0660. *ʿ5) , 5.6+ -ʿ ,+ -ʿ +/1 0ʿ .4ʿ 08ʿ +.(ʿ
1 4 *.*4.8ʿ5 1 , 0ʿ" 20 + -ʿ,"%06ʿ 104+8ʿ3+14ʿ 0908ʿJ .*, .0ʿ ,+ -ʿ - .<1 2+8ʿ + 8ʿ
.:. .0ʿ 09 2+8ʿ 1" -ʿ ,0 +*6ʿ 06ʿ *1*ʿ 6.ʿ5 40 -ʿ +41: ,+8ʿ / ʿ ,+ -ʿA1.**0ʿ06ʿ
.67. *.ʿ 06ʿ51 60.ʿJ .*, 0+(ʿ ʿ ,+ -ʿ 0* ,1ʿ. :1 +1ʿ,1* - .; 6ʿ 0 ʿ .6+ -ʿ7.ʿ
20 06ʿ06ʿ3+1* . -ʿ 0 + -ʿ90 6. + -ʿ 40ʿ 1* 606ʿ .:. .0ʿ 09*+ -ʿ 0 0* " - .0ʿ .ʿ
- " .0ʿ +.0ʿ.ʿJ0 4 *.*41ʿ .93* 1ʿA1.**ʿ"09 6 - 1ʿ .:. .0ʿ 09ʿ.**1ʿ7+<+8ʿ .0ʿ
,+"ʿ % ʿ 0 056+ -ʿ0 "0ʿ *1*ʿ ." .ʿ40ʿ ,.; .ʿ3+. -ʿ3+14ʿ *ʿ 40ʿ06ʿ. - , 6 .ʿE.""1 + -ʿ
- .* "06ʿ 0/ʿ.4ʿ0<+8ʿ 0, 50 .6 1*0 -ʿ.+/ " + -ʿ 50 - 3+0ʿ ,1* 0 06ʿ5 1+6ʿ.03+ 6.6 8ʿ
"0908ʿ51 6+".*6ʿ06ʿ 0908ʿ 40ʿ4.6.ʿ .05 +8ʿ 0,050 +*6ʿ3+14ʿ ʿ5 .0 0*8ʿ 06+ *ʿ ".6+8ʿ
4ʿ - * - 0ʿ5.6 .6+ ʿ ,1 - 50* .6 1* 8ʿ 0/ 9+.0ʿ 5 1ʿ6.*6.ʿ<.4+ .ʿ"1,1 ʿ4+ -ʿ1,,." 1*08ʿ
0ʿ90 0*4.0ʿ - .6+ 0 ,.*6ʿ50* 1ʿ /*ʿ, 1ʿ" 2 . + -ʿ.**+.ʿ3+.0ʿ0/ʿ - .<1 + *ʿ +1 + -ʿ
5.4 1*0ʿ4020*6+ ʿ21*.ʿ 40ʿ50 1 :.6+ ʿ0/50 +*4ʿ 2ʿ<+8ʿ3+14ʿ7.40*+8ʿ*09.6+ -ʿ
+ 6ʿ.4:0 +8ʿ 090 -ʿ40ʿ 8ʿ +*4 8ʿ06ʿ4 6 1* 2+8ʿ3+.0ʿ.4ʿ 0ʿ50 6 *0 0ʿ,1*60*4 6ʿ5 1ʿ
- 1 0ʿ06ʿE."" .0ʿ) 6 6+61ʿ ,1*,04.6+ ʿ< 06ʿ5.4+ - 3+14ʿ5 1ʿ <+ 8ʿ *ʿ 6.** .0ʿ, 6,ʿ
1 8ʿ5 *, 5.6+ʿ ,1 - 5060*6 8ʿ,1 - 50* .6 1*0ʿ . 1"+8ʿ : ʿ ʿ ,+ -ʿ ".*1ʿU .2 06.*1ʿ
0, 6ʿ .6+ -ʿ 6 40 -ʿ7.20.6+ ʿ ,,ʿ" 2 . + -ʿ 1ʿ3+.0ʿ5 1ʿ . 9. 6.0ʿ+/1 8ʿ4160 .4ʿ
7+,ʿ4020*6+ ʿ 2ʿ50 1":.*6+ ʿ06ʿ+ + .0ʿ0/ʿ609*ʿ ,1* +06+4 *0ʿ50*4.*6+ ʿ *ʿ 8ʿ
," 0*60" 8ʿ3+.8ʿ *ʿ 09*1ʿ. - 5" " - .8ʿ7.20.6ʿ<+4 ,08ʿ06ʿ - .9 " .6+8ʿ*1 - *.*4 ʿ3+1B
+ -ʿ.+41 .6 1ʿ50*08ʿ 090 -ʿ - .*0.6ʿ<+8ʿ 6ʿ +6ʿ ʿ 3+ 6.* .ʿ.ʿ 0ʿ6.ʿ.4 - * " 06+ ʿ+6ʿ
"09.6ʿ.ʿ 090ʿ*1*ʿ 2ʿ +2 190*6+ ʿ 04ʿ 50ʿ3+0 - .4 - 14+ -ʿ - .<1 08ʿ + ʿ 0,0 +*6ʿ
3+18ʿ:1"+0 6ʿ40" 9.6ʿ# <+ .ʿ 09 .ʿ3+.0ʿ:1,.*6ʿ *ʿ + 8ʿ4 6 1* 2+8ʿ126 *0.6ʿ *ʿ 3+,ʿ
5 .0 0418ʿ. ʿ5 .0 4 .ʿ3+.0ʿ - .*4.6 8ʿ"+ 8ʿ5. 0.*6ʿ5 1ʿ. 2 6 1ʿ ,1* 6 6+.6ʿ. ,08ʿ4 ʿ
6 1* 8ʿ +.0ʿ7 8ʿ20"" 8ʿ.ʿ5 .0 4 8ʿ1,,+5.6.0ʿ 0 6 6+.*6+ ʿ*0ʿ 2ʿ.+6ʿ + 8 3+14ʿ "0* 1 ʿ

V ' 'J ' ' (

$ & '5. 608 0,+6+8 6'. <6*+*,'.+6 *'51 60 5' .+4' 6'3+.0'.' 0 0* """ - .'5. 0*60' +.
) ' 6'.2' 0' 40' .,61'5.6 -1* 1',1* 6 6+6. 50 0' 09 1'40, 061',1* -0*6+ ' 8'4 9 ' L
*6.60' *0 1 ' ,060 + - '15 2+8' 56' ," ,*60" 8' 5 .05160*8' E "20 6+8' D 0: +8' &0*6.'
4+ +8 . - : "".0 1 1 +8 0/'5 - . .'*12 " 6.60 3+0 - '<. - +50 1 0'.**1'5+2" , . -'
.4 - * .6 1*0 - '50Z0 . - '50 6.0 + - ' ,+*.' ." 13+' .'$ 160 6.*6 + - ' 0" 9 1*0'." 0'
*+8' 0 "06' .4' 1040 .616+ - ' 5. 608' 0' .55" ,+ 0' 4 / - +8' 06' +18' 40"09.608' - 0 .6'
,+ - ' 7 8' * +50 '51 6+".6 8' +6'5./' - .'06'6+6.' .*, 06+ ' 0 3+0' .*, 0*4.0' ,1*, B
" + - '*.6 1*."0'+6'*0,0"%. + - ' *4 ,0 06+ '06' 2 0** 1'3+13+0' 09*' ,1 - 6 .',0"02 .'
0*6+ ' *60 - ' +6' " ,0*6 .0' 0+ - ' *0 0 0*4' 12: . - ' 06+ ' 04 41' ,+*4' .4 90'
0*6+ ' - .<1 + - ' 0" 9 1*0 - ' .+6'0. *'3+. - '$ 160 6.*608' 03++*6+ ' 5 1 6, ' *'
9+". + - '5 1: *, . + - ' 4 *08'3<0:04 9." 2+8' ., 8' 3+. 6. - '5. 60 - ' 40, 4, 0*6 *'
,71". + - ' 06' :."06+4 *. 1 + - ' + - 56+8' - 50*40*4. - ' *' *1 - * 8' : * ' 40<0 .'
61 08' 0:0 0'*+"".'50 1*. + - ' 7.2 6.' .6 1*0'.* - .4:0 60 06+ ' ' <+4 , . .' - +*0 .'
1' . - 5" +8' :0*." .'5 1 6. 0*6' 04' " 9* .4'0.5 1:070 0*6+ ' *4 9* "1,1 - 1:, '
0*6+ ' ' *+ - 0 1'<+4 ,+ - '06 5 *, 5+ - ' 09*' 4 9* 6.6+ - ' *' - - 0* + - '0/, 0 00*6 '
- 14+8' 0 06' 06' *' - +*, 2+8' 5+2" , 8' 0.' .6 1' .47 20 06+ ' +6'5 1: *, . + - ' '
4 *08'6 0 8' *1 - *.60'51"%0*6'0/'3+ 2+8'3+0 - ' :0""06' 0/'40" 90 06' .0, '+6' *' 09*1'
.4 1* 2+8' , "%1'06'20""1 - ' , : " + - '" ,0*6 .?',1 +561' *'3+1' - .<1 '5 :.6'0 - 1'
"+ - 0*6'3+. - ' 0 5+2" , . ,' ,+ .'0 .6' *056.'51 6+".6.'06' .5+4' 0 : 0*60 8' - +8'51'
60*6 .0' ,+ - ' 506 6 1* 2+8'." 1 + - '5 *, 5+ - ' 3+'5"+8'&0*6.4+ 1'5160 .*6' ,1 - 5.'
.6.'06 . - 'I. 19.*6 .0'5"0*.' : .' +*6' + - '7 8' - .*4.6 8' .,'51 6+".6 8' *' .+". - '
- "" 'A1.**08' . * +N' 0""1: . +8' 06' E+" 0" - +8' .+&06+8' 0* +8'<3+'.4 - "%+8'
,+ - '"1*9. - '1 .6 1*0 - ' ,1 . - ' 090' 7.2+ "06' 3+.#" 20 . - ' 0" 9 1* 8'5 1 0 1*0 - '
<+4 , . '1 4 * 8' * 6.+ .6 1*0 - ' 06'5+2" , .0'.4 - * 6 .6 1* 8' 0 - 0*4.6 4*0 - ' - +"6 8'
:0 2 8' + 902.6' 0/'60 - 5+8' .4' 0 51*40*4+ - '51 0 6' 6' 0 - 0" .63+0' 60 + - ' 0506 6.'
.4 1*0' ,+ - ' 0 51* .'*1*' .6 8 .,0 0*6' "09.6 '50 . - .*60 '40' ,060 1'. , ,056 '4 - 6'
6+*6+ ' 50' .4. +6 2 0: ' 09 *.'5. 0*8' 5' .'.4' "0*b1* + - ' ,+ - '5"0* 8' - .*4.6 8'5 1'
, 00 06+ ' 06'3+ 4' 09 8' :1"+*6.6 8' 0 "06' ,1 . - ' ,0 6 +8' 0/5" , . 06

' E %) ' 09 *.',+ - ' .*, 01' 1 - 1 .*6 1'06' - .9*1' - .6 1*. + - ' .+" , .'
+ - ' ,1 - 6.6+' *', . 6 .':0* 6'< 06' 51 6' , 02 .8' :0 21 + - ' ,1*,0 6.6 1*08' 6.*40 - ' *'
L' 0"" "1, ' ,10*12 1<+/6.,' 1,7 .8' *'%+ 1* 2 8' ,1*:0*6+ - '0 6< 04 4+ - 3+0'3+ *'
6+ - ' .'A.*+. 1' ,1*4 6+ - ' 6 / ' ,.5 6 2+8' .2 1"+6+ - ' 3+1' .*, 6.'5 .060 61 + - '
+6' *' ,060 8' 12" : 1*0' 0/'" 20 . - ' 0" 9 1* 8' 3+. - ' :1, .*6' 0 1 - .6.0'5 1 0 " 1'
0 - '06' + + 7' 506' + :0 + - 09*+ - ' ,1* 6 6+ 6' *+""1' 60 - 51 + - ' "1,1 + - :0' 4 0 '
- *0' 4+ - - 141' 50 '"1,1 + - ' 41 - *18' " ,0.6' ,1*,0 ".'1 - * + - '3+.0' .4' *609 . - I
"" +8' 0" 9 1* 8' .4 - * 6 .6 1*0 - '50 6 *0*6'5"0*.' . ,+"6.60' ,1*, 1*+ - ' ., . - 0*'
61 - - ' - .6 - 1* 1 + - ' ,71". + - ' , , 61 1 + - ' ;*141 + - ' - 141' 8'+*+8' 0/'
09 8'5 .0 04 8' *60 6' %+ - ' .4' .+4 0*4.8'515+"1 + - ' 2' +24 61 + - '3+0 0".8' 06'
+6' " 20 +8' .,' ,1 - - 14 +8' 0 .04 8' 41*0 8' .47 20*4 8' *' ,1 - - +*0' ,1* +"6. 06+ '
,1 - 6 .' 09*' *6 .' 0/' - 0*60 8'.'5 1 - +"9.6 1*0'04 4' ,0"02 .6+ + - ' 0' 0, 5 6'0.3+0'
"10 8' *4 , 6' * +50 '40,0 * 6'*0' 40' ,1*<+9 8' .,0 416+ - '06' - 1* . ,71 + - '<. - '
,1*6 .4 8' *'51 60 + - ' ,1*6 1:0 .' - 1:0.6+ ' 04' " 20 '0/' 8' + 0056'"09 6 - ' 7.'
20.*6+ ' 06' *' 21*.' - 12 " . '06' .4:0*6 6 . 1"' 6.*6+ - ' +, ,04.*6' .2'1 - *'." .' +,'
,0"" 1*0' 6. *' 4 04.'3+. - ' ,1"".606."' , / ,"+ ' ' $ 160 6.*608'6161' 09*1' .471*1 08'
4 9* 6.608' - .9 6 .6+8' 5+2" , .' - +* . ' 50 *40' .63+0' ." ' .4 - 66.*6+ ' ' .+ 1'
0 8'21* 8'1 - * 2+8' .,'4 6 1* 2+8'3+.8' *' 09*1'51"% 406'5"0*0' 0 6 6+.6+ ' *': '
09*' ,+ 8' 0/'$ 160 6.*6 + - '*+ - 0 1'<+4 , 8' , 00*6+ '3+'5. ' ,+ - ' .671" , 8'*+B
- 0 1' <+8' *60 ' 018' 4 , .*6' 0*60*6 .0' ,1*6 .'A1 057+ - ' 1* ., + - ' ' 1". -

' ' ' ' 1' G "" !
% $ ' 5]'. ' '& ' L' ' '> ' ' '% 6 ' '! ' 6 '
' ' $' % ' 5 .' $' ' '% $' #' ' . ' ')

" ʿ ,ʿ ʿenb

.** 2."0*ʿ? 1,1*. ʿ,1 - 60 - ʿ06ʿ +50 1 0ʿ.**1ʿ,1*6 .ʿ%1.**,1.ʿ6 : -"N 4.ʿ &ʿ
: ʿ5 .061 0 - ʿ".6.0ʿ 0:1,0*6*ʿ.,ʿ 0 4*4.*6+ ʿ 3+0ʿ5 6*.0ʿ .-.0ʿ.,ʿ4 9*"6.6 ,+8ʿ ʿ
21*.ʿ70 04 2+8ʿ01 + - 0 6 6+.*6+ ʿ3+14ʿ 40 - ʿ40ʿE. 5. 0ʿ 1" * 1ʿ - . 8ʿ5 .0 0 62
J .*4 ,1 ,1 - 16 1ʿ *1"41ʿD .:.9* 1ʿE.2 0"0ʿ,1 - 60ʿ 1*91 - 0 1ʿ .ʿ
1"18$14 1ʿ *2 +* 1ʿ4 .+ - ʿ*60"" 9.6+ ʿ $ .060 0.ʿ 0/ʿ6+*A+"6+ - ʿ$. 0* 0 - ʿ
3+0 *ʿ *60 - 50 0 - ʿ:1,.*6ʿ 0ʿ *: 61ʿ06ʿ - .9*1ʿ +1ʿ,+ - ʿ41"1 ʿ*60 :0* "%0ʿ4 , 6ʿ06ʿ
"1,1ʿ. - ,1 + - ʿ06ʿ 41 + - ʿ,19*.61 + - ʿJ 40 ,+ - ʿ 0560 - : + - %.".6 *+ - ʿ06ʿA1
. - + - ʿ0<+8ʿ " + - ʿ 05+6.6ʿ* 7 "3+0ʿ.2ʿ 8ʿ. 6+ - ʿ* "ʿ.4ʿ 09*ʿ40 0* 1*0 - ʿ40ʿ
,". .6ʿ40R4+8ʿ 60 - ʿ7&."".*9 ʿ06ʿ *ʿ 1:1 ,. 6 0 ʿ,1 - 6.6+ʿ." 3+0# 0":06 2 + - ʿ
5.9 8ʿ7.2 618ʿ3+. ʿ - .*4.6+ʿ +1ʿ .4"18ʿ.9*1 , 6ʿ 60 - ʿA1.**ʿʿJ0 0 1ʿ . *+6+ - ʿ
: ,041 - *1ʿ06ʿ? 0""1:. 1ʿ+6ʿ .6 1*0ʿ*0916 1 + - ʿ,+ - ʿ " .2067.ʿ *9"1 + - ʿ 09 *.ʿ
6 .4.61 + - ʿ* 7 "ʿ - 5+606+ ʿ 6.6+ 6ʿ $1 6 0 - 1ʿ 0,+ 6.6 8ʿ,.+ .ʿ$ 16, 6.*6 2+8ʿ.66 ʿ
2++*6+ ʿ *ʿVʿ(056 - .* .ʿ## 0""1 .4 + - ʿ06ʿ 37.0 - 1 6+.0ʿ]ʿ&0 +*.ʿ$06 1,1 4ʿ
+ - ʿ06ʿ .* + - ʿ& 14+*0* 0ʿ.4ʿ?E. + - *. - ʿ Wʿ 3+ 6.* .ʿ 1* + - ʿ06ʿ(0 .ʿ *ʿ
""12 19 2+8 "2 .,+ - ʿ *ʿ :0 * 8 ? ʿ(0*.ʿ.4ʿ - .9*. - ʿVʿ%+ 0 - ʿVʿ+2ʿ1" - ʿ .6+ʿ
908ʿ *ʿ$ 1: *, .ʿ0.ʿ"090ʿ+6ʿ0. - - ʿ+ 2 + - ʿ "0*,17 +8ʿ .:. +8ʿ 1*4.0+8ʿ06ʿ
. - : "".ʿ3+1 + - ʿ 40ʿ,1 - - 66+*6+ ʿ50 ,+"+ - ʿ5 .0 60*6ʿ . - +8ʿ 6 40 - ʿ54ʿ
6 I0 .6ʿ*0ʿ ,.+ . - ʿ $ 160 6.*6 + - ʿ *ʿ + 2 2+8ʿ3+.0ʿ - 50 ʿ0 0ʿ ,1*6,*402.6ʿ*09ʿ
"0/ "0ʿ : 40 06+ ʿ+6ʿZ : 14+ ʿ 04 1 - .6 ,+ - ʿ%+""ʿ *ʿ 0+, 8ʿ.,ʿ& 14+*ʿ *ʿ
(,".2 8ʿ" 20 + - ʿ 0" 9 1* 8ʿ0/0 , 6 + - ʿ0 06ʿ<5 .060 0.ʿ+6ʿ *90*608ʿ + - - .0ʿ3+.0ʿ.4ʿ
3+.4 .9 08ʿ ,0*60*.ʿ - "" .ʿ.+ 01 + - ʿ0/,+ 02.*6ʿ5 1ʿ 6 50*4 . 8ʿE0 - .* 8ʿ3+ʿ *ʿ
E."" .ʿ20"" 8ʿ+"6 - 8ʿ - "6.:0 .*6ʿ50 1":0 0*6+ ʿ (04ʿ6.*40 - ʿ - 0*6 1ʿ, : 6.6+ - ʿ"ʿ
". + - ʿ *ʿ04 4"1ʿ1 - .< +6ʿ06ʿ?(."+, .0ʿ - . ,7 1*. +8ʿ*0,ʿ*1*ʿ5 *, 5.6+8ʿ,ʿ + - 24ʿ
+ - ʿ5 0* .61ʿ 01 - ʿ.ʿ 09 *.ʿ . - 1ʿ06ʿ - +"6 8ʿ 5 1 - 8ʿ1*0 .61ʿ .ʿ.+60*ʿ
0 .*6ʿ+6ʿ 5 0ʿ ʿ,.6.57 . 62 + - ʿ03+ 6+ ʿ.,ʿ5 .060 0.ʿ :ʿ ʿE0 - .*2 + - ʿ03+ 6+ - ʿ
4+/ʿ0 "06ʿ *ʿ0. - 3+0ʿ 0 - ʿ/ :ʿ.4 01 - - ʿ ʿ.**+. - ʿ50* 1*0 - Hʿ 090ʿ06ʿ.2ʿ "07 1ʿ
* 1ʿ5 .060 0.ʿ5 *, 5.6+ - ʿ? . 6 %70241 ,ʿ.,, 50 06ʿ5 13+0ʿ *90*6ʿ" .ʿ + - - .ʿ
056 *90*6.ʿ - "" .ʿ.+ 01 + - ʿ5 .0 ,*6ʿ50,+* .ʿ*+ - 0 . 0*6+ ʿ40ʿ 0 4+1ʿ155 9*0ʿ
6.6 8ʿ90 - - 8ʿ,.:0 06+ ʿ $".0.66 8ʿ06ʿ 1*4.0+8ʿ$,. 4 .0ʿ56.0 ,4+ .0ʿ 50ʿ. 9*.6.ʿ
*ʿ7.2 6.6 1*0 - ʿ.,ʿ 0,056+ - ʿ$0 1*.ʿ3+.0ʿ - +* 6 " - .ʿ0 6ʿ5 1: , .0ʿ+ 28ʿ "0*ʿ
b1* 1ʿ.*60ʿ1 - * .ʿ *ʿ51 6 1* 8ʿ70604 6. .0ʿ.+9 - 0*6+ - ʿU 6+ 908 %+ 1*08ʿ06ʿ *408ʿ
.66 2+6 ʿ3).0ʿ6608ʿ 09*ʿ15+"0*6 "" - .0ʿ5 1: *, .0ʿ +*6ʿ0140 - 3+0ʿ71,ʿ0 6ʿ . 1ʿ
3+1ʿ04 6+ - ʿ +606 .0ʿ$. 1 + - ʿ56 4ʿ 4ʿ 090ʿ5 1ʿ *ʿ"0 6 60 * 1ʿ 040*60ʿ5 1 - +"ʿ
9.6+ - ʿ0 6ʿ0.ʿ40ʿ 0ʿ4 5"1 - .ʿ *ʿ 0*.6+ʿ 0, 6.6+ - ʿ + 6ʿ * +50ʿ,ʿ.+ 01 + - ʿ ʿ.**+.ʿ
50* 1*0ʿ. "9*.64ʿʿ06ʿ" *9+". ʿ 01 - ʿ , , 561ʿ,1*,0" + - ʿ+6ʿ *ʿ +*4 8ʿ4 6 1* 8ʿ
+.0ʿ5 1: *, 8ʿ3+14ʿ:0"ʿ5.6 1*.6+8ʿ .6 1*0ʿ:4 0/ʿ5.4 8ʿ,+ - ʿ51*6 , 2+8ʿ.4ʿ05 ,1ʿ
5.6+8ʿ,10*12 .ʿ06ʿ." .ʿ3+.0ʿ:1,.*6ʿ20*0 ,6.ʿ*1 - *.*4ʿ<+8ʿ0 6ʿ 09 2+8ʿ *ʿ 5 + - ʿ
6 .*8 0 06+ ʿ G+14ʿ50 "" - 1ʿ5. 0*6 8ʿ 0 : "60ʿ " 8ʿ2".*4 0*6 8ʿ,1* " 1ʿ1" - ʿ 09ʿ
5 ʿ.*60ʿE. 1"ʿ .6 8ʿ - 1 60 - ʿ *4+"6+ - ʿ 0,0*6ʿ.401ʿ0/0 - 5"1ʿ "0*,1* 1ʿ*+*,ʿ
71*0 60ʿ40*09. ʿ*1*ʿ516+ 6ʿJ0 6 *.6+ - ʿ06 ʿ * 3+ 8ʿ,1*4 6 1* 2+8ʿ.ʿ 09 *.ʿ04 4+ - ʿ
, 04 6+ ʿ+6ʿ "0* 1* + - ʿ " + - ʿ.ʿ 1040 .61 + - ʿ5. 6 2+8ʿ3+. - 5 - + - ʿ.24+ 0 06ʿ<
,+ - ʿ 10 - *.ʿ6+ 2 8ʿ. "+06.ʿ.* - 1ʿ5 1: 40 06ʿ2.+4ʿ4 +ʿ ""+4ʿ4+ .6+ + - ʿ06ʿ2 0: ʿ1 0ʿ
+6ʿ50ʿ0.ʿ 5 .ʿ,1 - 6 .ʿ3+.0ʿ 1040 .6ʿ6.*6150 0ʿ+ 902.*6ʿ .":.ʿ 09 8ʿ06ʿ 5 +8ʿ 40ʿ06
0/ 6 - .6 1*0

? > !ʿ 6 - !ʿ7ʿ ʿ ʿ # ʿ K!ʿ !ʿ !

9 - 6 Y ʿD Y !ʿ 0ʿ " !)$ KK ʿ1 2ʿ # ! !# ! ʿ!ʿ; # $ Q " ʿ ʿ ! $ʿ 2ʿ ʿ
* " #$ʿ 7ʿ ʿ , !)$ʿ$2 ʿ !# " $ 0 8 ʿ; ʿ ʿ !# !$ʿ 2ʿ ! ! h Dʿ% / # $
0ʿ !# !)ʿ)ʿ)$ʿ 2 ʿ(#)2ʿ, " ʿ ʿ / #)$ 0ʿ ʿ , ʿ,ʿ% $ Q ! $
% . ʿV& $ $ʿ ʿ4 X0 ʿ $ʿ ʿ ʿ ʿ C , ʿ ! $ʿ7ʿ
$ʿ ʿ ʿ ʿ-& ʿ- 6 ʿ + ʿ /L ʿ ʿ ʿ ʿ ʿ4 6 . ʿ $ ʿ ʿ7ʿ
ʿ + . $ʿ ʿ $ʿ :8ʿ ʿ 0ʿ ::ʿ% 0ʿ ʿ ʿ/ʿ /
ʿ ,

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' # ˢ ". 21 2+8ˢ 06ˢ + - 56 2+8ˢ : /<* 6 + ˢ 51 6+0 .6ˢ 50 ˢ 5. ,0 .ˢ 5 .0, 5 6.6. - ˢ 4 - +8ˢ 06ˢ *+"". ˢ 0ˢ - 0 - 1 .2 " ˢ90 6. ˢ4 "2"+6+8ˢ0 6ˢ %. *6+ - ˢ +6ˢ 60 1 0 - ˢ + ˢ 5. 90 06ˢ 5. *0"8ˢ 4 02+8ˢ. *60 ˢ ,+ - ˢ. 47+, ˢ 5. 608ˢ 40ˢ ,1*4 6 1* 2+8ˢ. "60 ,. 0*6+ ˢ .4ˢ.ˢ(. *:0 *+ - ˢ 15 ˢ 5 4+"+ - ˢ 4 6 1* 8ˢ " :0 *0* 68ˢ 3+14 1040 .61 + - ˢ ,15 8ˢ ,1*. 1 6+ - ˢ 12 6 *. 6 +8ˢ *09. "06ˢ .4 - 16.0ˢ , 5 .0 ˢ "1,13+0ˢ - .<1 2+8ˢ 61 - 0*6 8ˢ 5+" .61 ˢ ,+ - ˢ .4 6+ˢ 4 , " ˢ - "08ˢ + - 50 0ˢ ,1*. 06+ ˢ 0 60*6 2+8ˢ 1 6 60 ˢ 155 4. * 8ˢ ,+ - ˢ 4. * *1ˢ 05+" +8ˢ 0 6ˢ 60 .6.0ˢ 51 60. ˢ 0 - 0". 63+0ˢ 60 + - ˢ .2ˢ 0" :06 8 ˢ3+14ˢ "" ˢ . 1ˢ . , + *6 ˢ155+9* .6 1*08ˢ< 6. *40 - 3+0ˢ 2 ". , +806ˢ 0"+ * 5 - . ˢ6 2+* ˢ ,+ - ˢ ˢ 0/ˢ + 8ˢ *ˢ + - - + - ˢ - + ˢ + - ˢ 0 : . 0 0 ˢ 3+1ˢ ,1* 50461 155 . * ˢ ,1""13+ + - ˢ51 0+*6ˢ 04ˢ 0 +8ˢ *,0* 8ˢ 0 - 0" 0" :06 1 + - ˢ. * - 8 ˢ3+ ˢ4+ - ˢ *60 @01""13+0*4+ - ˢ155 4. * ˢ 09* 1 08ˢ *ˢ 6. 6 1* 2+8ˢ 0 0*6ˢ : ˢ .46. ˢ"1,1ˢ516 + *6+ ˢ 2ˢ . - .6 ˢ 12 : ˢ6 +, 4. *6+ ˢ 06ˢ ,+ - ˢ)8ˢ06 . - ˢ + 6 , ˢ *ˢ155 41ˢ 050 6 ˢ 6+ - ˢ + 28ˢ4 5 6+ ˢ. , ˢ51 6 0 *16*, 0*4 6+ ˢ , , , , ˢ0/ˢ, ". 40ˢ6. *6+ - ˢ +50 6 608ˢ .4ˢ. ,0 - ˢ50 +9 + - ˢ7. 2 0 0 ˢ 3+ 2+8ˢ . - ˢ<+ "" 5. / , 6+ - ˢ0 6ˢ 140 - ˢ 60 - 51 0ˢ 06ˢ 5. +, 8ˢ . *60ˢ 5. , , .6 1*0 - ˢ 4 02+8ˢ 4+ - ˢ ,15 .0ˢ + *4 3+0ˢ , /Uˢ&. 01* . ˢ (. *61* 2+8ˢ06 *91" - 0* 6ˢ .9 1ˢ .4ˢ . : . + - ˢ ,1* "+0 0*6 +50"". * ˢ . . *0* 0 - ˢ * +". - ˢ : ˢ .2ˢ + 20ˢ"0* , 8ˢ 5 .0 4 1ˢ .ˢ 1*50* 0 1ˢ - .6. - ˢ *ˢ5160 6.60 - ˢ 04090 ˢ +*6 ˢ150ˢ0 + 3+ ˢ,+ - ˢ : ˢ504 6+ - ˢ 9* 8ˢ " . , ˢ6 . * 0*8ˢ .2ˢ 5 8ˢ0/1 .6+8ˢ *ˢ * +". - ˢ 4+ / 6ˢ ˢ3+1ˢ06ˢ +50"". * ˢ. + / " . 0 8ˢ ˢ "0 1*0*" ˢ. , ˢ 060* ˢ * +" 8 ˢn 1.9 1ˢ06ˢA1. * ˢ * 8 . *1ˢ 0:1, .618 ˢ + - - 0 . *6ˢ ,+ - ˢ ˢ61 - 0*6 8ˢ + * 6 1ˢ + *. ˢ5 - 0ˢ - 50 +ˢ.ˢ + 1ˢ , .56. ˢ 40 * ˢ ,+ - ˢ5 .0 4 . ˢ 0ˢ * . ,0 - ˢ *, "+ "0*6 ˢ06ˢ 1 6 60 ˢ 1 6 + - ˢ - B 506+8ˢ61618ˢ&ˢ4 08ˢ + 6 * + "0*6ˢ 0". *9+0 ,0*6 2+8ˢ. * - 8 ˢ06ˢ. + / " 8ˢ.ˢ? +5 2. 61* 1ˢ . 1"1ˢ 2ˢ . *40 01ˢ 06ˢ ˢ$ 9. "". 1ˢ 5 1 - "8ˢ .+6ˢ 50 .6 8ˢ *1*ˢ ,1 - 5. 0*6 2+8ˢ 0/61ˢ 4 0ˢ404 6 1*0 - ˢ 0,0 0

ˢ 7 ˢ . *60ˢ - 0* 0ˢ 5 " ˢ J . *, 0+8ˢ 1 - 1 . *6 +8 ˢ3+1ˢ5 .060 6ˢ, . ˢ ,0 8ˢ 6ˢ 3+. ˢ +20 ˢ 9*1 - * . - ˢ 0"+0 06ˢ 4 5"1 - . ˢ - 506 . :0 .6ˢ< 3+1ˢ 0/ˢ 40, ". . M 2.6ˢ 0 ˢ,+ - ˢ5 - + - ˢ 09* + - ˢ * : 6ˢ ,+ - ˢ 1 - 1 . *6 + - ˢ . 1" ˢ .6 8ˢ<+"%+ˢ 3+. 8ˢ1 2ˢ , . + .8ˢ *,0 6+ - ˢ *ˢ, . ,0 0 - ˢ ,1*<0 6+ - ˢ 050 606ˢ1 - *0 - ˢ150 . - ˢ404 0ˢ +6ˢ, . + .8ˢ *4.9. 06ˢ 06ˢ 6ˢ3+ .0ˢ .4 :0 +8ˢ 5 + - ˢ5 12.6 1*08ˢ3+ 2+8ˢ *ˢ50 4+0"" 1* 8ˢ, - 0*ˢ * ˢ ,+ 0ˢ ,1* : *, ˢ51 06 0/ 6. 0*6 + *4 3+0ˢ ,1*3+ 0 0*6+ ˢ 6. 3+0*03+0 6.6 *ˢ< " + - ˢ 0 - 60ˢ 04ˢ6. *6 50 ˢ - 1 . - ˢ *60 51 + 60ˢ 4+ - ˢ :0 6.8ˢ60 - 51 0ˢ, ". +8ˢ 0"+, 0 00 06ˢ 6. *40 - ˢ5. 0*60ˢ06ˢ ." 8ˢ5 1,0 2+8ˢ +50 ˢ0. ˢ 0ˢ 04+"1ˢ *60 19.6 8ˢ06ˢ 5 1ˢ06 . - ˢ 1 ˢ - 1 . *6 1ˢ .+4 61ˢ 06ˢ 4 " 90*6ˢ .4. ˢ50 3+ 6 1*0ˢ ,+ - ˢ * 7 "ˢ .4 :0 +8ˢ 0+ - ˢ ,1 - 50 ˢ %06ˢ 6. ˢ +6ˢ 4ˢ . 1" ˢ .6 8ˢ 40". 6 1* 2+8ˢ ." 68ˢ *4+4 ˢ<+"%+ˢ516 +8ˢ3+. - ˢ0/ˢ , . + . ˢ"0 ˢ 9 6 - . ˢ .4+ - ˢ, 04 ˢ5. ˢ 6ˢ0/ˢ0<+ 40 - ˢ 09 * .0ˢ5. 0*6 8ˢ5 *, 5+ - ˢ ,1* . *9+ *01 + - ˢ 5 1,0 - - ˢ06ˢ.)1 + - ˢ ,1* 61 ˢ 0* .61 + - ˢ ,1* 6" 1ˢ 0 :1, .61ˢ .6 8ˢ 09 8ˢ 40, 061 ˢ 5 + - ˢ **1,0*60 - ˢ. , ˢ5+ + - ˢ .2ˢ1 - * ˢ50 4+0"" 1* 8ˢ, - *0ˢ5 1*+*, .6ˢ 6. ˢ +6ˢ *0 ˢ 3+0ˢ *+*, ?*03+0ˢ *ˢ51 60 + - ˢ3+ 43+. - ˢ 5 ˢ .+6ˢ, ". " - .0ˢ 0<+8ˢ . - " .0ˢ1 , , . 1*0ˢ 40, 06ˢ "" +8ˢ - 5 6. ˢ .+6ˢ - 5 150 . ˢ *0956 + - :0ˢ +""+ - ˢ . ,0 ˢ .+6ˢ 6408ˢ 0<+8ˢ06ˢ 0/ 6 - .6 1ˢ+""1ˢ - 141ˢ *ˢ4+2 + - ˢ 0 :1 ˢ51 "6ˢ 5M"1 - . ˢ51 60. ˢ *ˢ 0* .6+ˢ 1* 8ˢ ." dˢ ,1* :1, .6 8ˢ ! 4ˢ5. 2+8ˢJ . *, .0ˢ<+ 8ˢ0 6@ ,+*4 8ˢ,+ .0ˢ, "." 2+8ˢ "04+ - ˢ5+2?ˢ " , .6+ - ˢ 06ˢ *ˢ .4. ˢ h 1ˢ ,19* 61 0 09 1 0". 6+ - ˢ + 6

ˢ - ˢ . **1ˢ * ˢS." ˢ 0,0 - 2 8ˢ12 6ˢ0/ˢ :+"*0 0ˢ5+9*. ˢV 1,0* ˢ *ˢ " 2+8ˢ . , ,0561ˢ 06ˢ 6+ - ˢ 1 60ˢ 0/ˢ : 1"0*6. ˢ03+ 6.6 1*0ˢ .50 61ˢ E. 5. ˢU . 6 0+8ˢ . * ˢ , .0+8ˢ 6 5.61 + - ˢ 09 1 + - ˢ 3+. 6ˢ90*6 " 6 1ˢ<+ 0ˢ 5 .0 04+8ˢ 3+ 550ˢ 3+ ˢA1. ,7 - + - ˢ 5.660 * ˢ E.2 0"0 - ˢ. :+ - ˢ06ˢ ". +4 + - ˢ5 1. :+*. ˢ0.40 - ˢ4 9* 6.60ˢ 1 * .618ˢ 7.2+ 06ˢ< . 1

ˢ%ˢ ˢ ˢ$ˢ ˢ ?D ˢ> Fˢ ˢ ! 6 $ˢ ˢ ˢG .'ˢ ˢ ˢ, ˢ+ ˢ > $ ˢ "$ˢ ˢ ˢ $ˢ 24 !ˢ 0 $ 8ˢ0 ˢ ˢ(ˢ ˢ !ˢ (- ! $ˢ Aˢ ˢ0 ! ˢ ?)ˢ 0 /) # #$ˢ 2ˢ ˢ0 / # 2ˢ ˢ ˢ ! $ˢ 2 ˢ; 9 $ˢ 2ˢ ˢ8 &$ˢ 2 ˢ / ˢ 2ˢ ' ˢ ˢ. . ! $

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- .9*1ˢ03+ 6+ -ˢ,1*,7;" .61 + -ˢ,/ˢ3+1 + -ˢ,1""09 1ˢ0 .6ˢ." 1 + - 3+0ˢ,19*.61 + -ˢ
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6+ -ˢ400 "06ˢA.,12+8ˢ +<., +8ˢ< 0 61* +"61 + -ˢ 06 1ˢ .0,+" 8ˢ06ˢ +.ˢ.06.60ˢ5 *,058ˢ
U :. ,1ˢ 6+ 9+ -ˢ+2ˢ41,02.6ˢ.ˢ . 6 01ˢ5 61: *, .0ˢ5 .0 40ˢ0&1,.6+8ˢ1 .6 1*0ˢ
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& ˢ ˢ% ˢVˢ.,ˢ9 .6 .0ˢ ˢ ˢ ˢ4ˢ D - . 8ˢ5 .0 04"1ˢ ˢ ˢ ˢ4
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1 ') " $. 0* 8' .4'51*6 ,0 ' "09.6 1 ' ,+ - ' - . 4.6 8 ' +6'< ' .+ 01 + - ' ' . * * +" 04R+8' 0/'
. , 1'5.6 - 1* G' ." 0*.*4/' . ,+"6.60 - ' 09 8' *1 - *0' - 506 . 06' * . - ' 3+1'50 * ,60'
"". - ' ." 0*.6 1*0 - ' .+6'3. 1 - 141' *'0. *' ,1* 0* +* - '51*6 ,0 - ' * ' 40'4.6. ' +6'
*'20"" ' 1*6 .'(04 . 18'90 0*4 ' + - 56+8 ' 50,+* .' *40',2 .40*4.' - 50*4, 06+ N
' '8' 40' , .+ 8' .4 - 1* 6' 1*6 ' +6'5 15 +8' .4' 08' 1.8' 0 5 ,0 0*6'$ 160 6.*608'< 06f
. : . +8' *'5 - 8 ' 3+ ' 2 5 6) ' 01 + - ' 1 6 * . - ' *+50 ' 5+2" ,0' 5 1 0 +8' +0 .6'
5 +8' 5 160 6.6+8 ' 3+14' +606 .0' 51 6' 6+ - +"6+ - ' $. 0* 0 - ' . *60' 3+.4 0** + - ' 0 '
, "06' *1*' - .6+ .' 40" 20 .6 1*0' 7.2 6. ' *03+0' 51*60' 06' .' %701"19 8' - 0" +8' * '
6 + 6+ - ' 04' : ' 06' *0,0 " 6.60' .4.4"+ - ' ,1*6 .' . * - ' ,*60*6 . - ' 0, 0' * . - ' *+*
3+. - ' .' 0" 9 1*0 ' *'3+. 04+, .6+8' .2'156 - .'5. 0*60' +0 6' 40 0, "0 ' .+6'46'0.' - + '
6.*4.' ,19 6. "0' 6.3+0' +50 ". - '6+*,'$ 160 6.*6 + - ' . ,0 - ' . *60' 1 - * .' 5 1 , , '
6.6+ 6' * "2' . *60' .4' 090 - ' "J0 : . , 1'3+' .67. * . - ' 1 1 0 - ' *' .+".' 0" 4. - ' ,+ - '
21*.' 09 8' . ,' 09 *.0' :0* .' .4' 0' 404+00 06' 3+14'06 - 5,6 . : 6' " .' 9 6+ ' .4' . '
6 0 - ' *'U$ 41*08' :0* 6' ' 06' 51 6' "1*9.8' ."60 , .6 1*08 ' *4 9*. *60' - +R+ - ' ,* .61'
' 17.*1' 5 1/ - .' ,19*.6 1*0' . : . 1' ,1*<+*41 ' 3+' +50"".0' 0 .6' 6.*40 - ' 5 0'
(' (+ 90 . .' :0* 6' 06' *40' ,+ - ' 1 1 0' 06' ' 6.*6+ - ' 03+ 6 2+8' *' + 20 - ' .4 - 6+8' 0 6'
&'S." ' G+ *6 " ' +2 ' 4 "51 6 8'50 ' : ,18'155 4.* 8' 06' * 1". * 8' .4' , ' 0:1, .6 8' *' 50 '
, 0 - ' .4' 71*1 ,0*6 1 0 - '51 - 5. - ' 0' :0 . ' +6' 0,+ 6.6' + 2 8' ,1* 1"0 06+ ' 40' ,0 '
60 1' 1 - - .' ".06R .' 0 , ,056+8' 0 6' 0/ ,"+ 1' 6. - 0*' J0 : . , 1 ' 3+0 - ' 12'0. *' 05+"". * '
6+*,'*1*' " 04 1, 60' 6.6+ - ' 06'51 60.' 51*60' 0' 4 9* 6.6, ' 3+. - '5 .0, 5+. - ' * ' ?
. : . ' . - " .'126 *02.6' .24 , .*60 - ' 5 0' . : . +8' .4' 5+ 9. 4.8' 1 5 , 1*08 ' *'
3+.832'0<+8 . - " . 6.60 - ' .5+4' $ 160 6.*60 8' *,+ 02.6' .' 0' 4 - 66, 0' ,1.4+8' 0 6 '
$1 6' - .6. - '5 1'60 - 51 0' *'+ 20' .+41 6.60 - ' :' 1* ' G+ *6 " ' 1":R ' 06 1. '
9 + - ' .55+" 6' +2 ' 0+ - ' - .9*.' ,+" +8' . ,' 20*0:1"0*6 .0' 9* , .6 1*0' 0/ ,05 6' J .* '
0 0+8I $1*6 +8 . - 20""+8' "1, ' 41 - *+8 ' 5 .0 - ""8' * . : 9 8 0 611 * .6+ * 6 +4 8'
06,15 8 - " 6. 2+8 3+.051 6+ - :0"+6' ,1 1* .' , *902.*6' 2 ' ,+ - ' "1* 0 .*4 ?'
.*91 .* ' 40?&0 +* .0. *60." 3+14' 60 - 518' *60 ,056.05 .0 04+ .' .40 - 56.'3+0B
0".8' .+4 : 606' 2 4++ - ' ,1 - - 1 .6+8 ' 50 ' 04 1". *+ - ' (.*61*+* ' .41' 6 *0 0'
&0 +* . - ' +6' 08' *'+ 20' 1 4 * . 06' 5 1 04+8' 0 6' 3+1' - 1/' .4' 0+ - ' :0* 6' 1*4.0+8 '
- 1'5 +8' *' .+". - 'A1. * *0'V ." . ,1 1*6. ,+6 1 ' ! 8 3+. *3+. - ' .'$ 160 6.*6 + - ' 0B
" 9 1*0' ." 0*+8 ' 5 - .6 + - ' "1,+ - ' *'0<+8' . - " .'60*02.6@ +6' 40'5 .0 04+ .'$, . 4 .0'
06' $0 1*.' 04 6 1 1 + - ' .4 1*0' 2 ' *60 4 4.'3+0 0". - ' .5+4' 090 - ' * 6 6+0 06' $0 '
6 61' 40 *' .' . : . 1' ,1 - - 0.6+' .9 + - 'S." ' (0/6 " ' .4' . - 20""+ - ' 60*4 6' 1 * B
4.0+8' < 06' *40' + 18' +50 ". - ' :0* 6' *1*' - *1 0' 52 - 5.' 04' - .<1 0' 155 4.*1 + - '
4+, .'0/ ,056+8') 2 ' 51 63+. - ' - +*R 1*08' "+ 6 . : 6' 06' 350 .* ' 1. - ' 5 1) /0' 5 8'
6.*3+. - ' . - , 8' 06' ,1 - - +70 - ' , .+ 6 - ' 1:0*6 2+8' 406+" 6' .4' 4+8' G+ *6 "0 8' + 3+,'
'+ 20' ,1 - - 1 .6+8' .+ - <1. * * 8' 06' 19*. ,+ - ' 1*6. ,+6 ' 04 6+ - '0/' .+".'5 .0 ?'
61". 6+ +8 ' 0' ,1*6+" 6' *60 0.' "0*,1* +8' .4' +50"". *18' 4.6' " 60 .8' ' 3+ 2+8' .4' - . '
<1 0 - ' 5 150* .0' :1 1*6.6 8' 9* , .6 1*0 - ' 06' +6' 1 6 0*40 06' 3+. - ' . - " . 60 ' "" 8'
+60 06+ ' 50602.6' +6' - . ,7 *.8' *+50 ' . * ' , .56.8' .4 0' * 660 0*6 ' *' . ,0' D *40 '
9. :0* ' ,1""1, .*4.8 ' * 150 ' +6' 0' 50,+* .' <+: . 0*6 ' 04' 40' +6 13+0' 0' 0/ ,+ . +*6'
+50"". * ' < - . ,7 * .8' .' 0' 0 - 56.8 ' . ,' 40' ,060 1' 12'5 .060 6.8' ,". 408' 50*+ . - ' +. - '
, .+ .6 ' , ,' - +"61' 51 6' ' 1 "0 +8' . * .2.0' ' R 1* ' : ' ,". " - ' 4 5. ' .60
#J1*60*. ' * .6+8' 06' 12' : , * . - ') 50 ". * 8') 6' 2 ' 53 1.402.6' *1*' 9*16+8' .+6' * '
: +8' .4' + 20 - ' :0 6' 50' .4.? 09 *.0 U+6' 4 "" 4 8' *60 ' 155 4.*18' 4 "0 - * .6 8' 08' *'
0.' *1: .8' - 1" 06+ ' 06' 1, , . 1*0 ' ' 1 8' 0 06' +60 06+ ' 04' 71 - 1' : . 0 ' ,+ - ' 4,
' ' : .* 6.60
' '% '$ ' F , ' ' ! ' // ' " .' ' ' 'B '7 /' '> 6 ($' ' 2 4 '
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:.* 6.60 0<+8 - .9 6 .6 2+8 +21"+ "06 + 6 . . 6 0\6. - 0* * 7 "09 0 : 40 ,6 &

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. 06+ 06 * 60 - 5"1 3+14 ,5* ".*4 8 - .,7 * 8 * : ,2.6 .+41 6.60 5 .0 0 6 +
2.* 1"0 - *0 .,6+ - ,0"02 . + - 0 6 / : S." 4 ,+ 1 0 +8 5 0 4 - 5.+, 8 *
60 6 & 4 6 - . 09, 5 :) 09 . .*6 3+. +50"".* 8 3+.0 . - 5" - . 7.20*6 ,1 -
- .6. +*6 5 5+6 8 040 06 60 .*60. + +0 .*6 1*4.01 4+ - 1*6.,+6 0
4 6+ - 0/504.6 0*+*, .6+ - +0 .6 60 - 5+8 * .+". . 6 , 1 0 4+4 +6 *60 - ,+6
<. - $0 1*. * 5 .0 04+ . +. 6. .*1 A1.** 8 3+14 "" 5 1 - "+ - +0 .6 0/, 6.6.
155 4.*1 + - .4 1*0 0/,"+40 06+ 06 <. - 2.+4 1,,+"6. - + - + . * 155 41 0/. -
4 06 - .**+ - .E+*6."4+ - 1*+ - 5 1504 0 - 01:0*6+ + - 50, 0 ,1 - 51
*0*4. + - 0 + - 0 :0 . +6 .4:0 . - .4 1*0 - 5 .0 0*6 . +. - 06 6.3+0 ""0
5 .0;0 60*4+ - .6+8 06 * 5 15 1 50 ,+"1 , 04+"+8 2 +,.0 6 0*+1 ,0*6+ 1* *0
916 + - 4.6 +6 40"0418 * 155 4+ - ,". - *6 14+,.6 < 3+1 + - 150 +50 :0* 0*60
A1.**0 , 5 20""1,+ 1 (.* - 0 - - 1 6+ - +"6+ - <. - 0p,, 6.6+ - ,1 - 50 ,+ 6 06"1,+*
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, " * 2 .4+ 48 0 .6 +*40 51 6 . + - * .+". - 3+ +. *0916 . 5 1
,+ . 06 A1 , + 1 6 + - + .4 : ,0,1 - 60 . 0 .,+ - * .2 06.* 8 5 1 , ,
6+ < 3+1 - 1/ .4 0+ - :0* 6 1*4.0+8 +6 40 <+ 6 87 *, *40 $ 160 6.*6 + - ."".6 8
3+0 0" 8 * ,1 - - +*0 ,1* +"6. 0*6 * 5 - 8 5".,+ 6 +6 .4 A1 . - + - , 20
06+ 3+ .47+, 6 50*4 . 5 1 - ". 0/504.*8 * 9 04+ 8 - .9*1 515+". + - 406
- 0*61 ,1 - - 1 .2.6+ 06 19. 06 +6 * ,1 - - +* ,.+ . "09.608 .4 090 - - 660 06
0 0, ""0 1 , 1 40 + 6 04 6.6 - %70141 + - & 0 + - * .+". - .2"09.: 6 ,+ -
- .*4.6 8 71 4.0 " 20 6.6 8 *0,*1 6 1 + - - 1 2+8 .,,1 - - 14.6 8 3+ 2+8 ""0 ".+#
4.6. 09 *.0 5. 0*6 8 * 5 1,+ .*4. 5.,0 4 " 90*6 . ., ,+ . * 7 "1 - *+8 ." - 1 41
A0 0 4 ,02.6 3+14 ,1*4 6 1*08 04 41 .551 6.0 * - 0 7.40*+8 51 6 6 - 0 6 0 0/0
,+6 1* 40 - .*4.6.0 " *6 *. - 5"0 3+0 "1, 8 " 20 0 ,1*:0* 0*4 $ 160 6.*6 2+8 .
,+"6.60 - - * - 0 4. 06 3+ 2+8 4.6. 0 6 04 6 1 16+ - - * 8 06 - .9 6 .6+8 .4 0.8
,1** :0*6 . - 504 ? +94+* 5"0 1 3+0 0/ ,1*:0*6 2+8 "" 8 040+*60 8 ,"1550
61 + - 4 2+8 0/,05618 40 - 2E0*.2 .4 6.6+ - J .*, 0151" 60 - . 2 (. ".21
" 1 5 .0 041 5 151" 6+ - 04 4+ - 3+1 " 2 . + - * *1* 5. 0*60 8 5 - . : ,0 06
0, 4 : +0 * ,.5 6 8 510*. ,1* 6 6+6. ,1*:0* 0*4 " 20 6.8 5 17 206+ # 161
- .9 06 . - ,. 4 *."0 - 1 22* + - ,+ - - +"618 *1* 1"+ - 0/ 0*.6+ + 2 8 04 0/
., 1 1 4 *0 06 * 8 ".+4 + - B (.*4 + - 05 015+ - 2 1 ,0* 0 - * ,1 - 6.6+ 7.
20 06 5. 61 8 +990 6+ - ,1* 00*4 "0 06 ,1*:0*6+ - 4 6+ 2. "0 .4 .+4 .*+ -
,1*:0*6 2+8 3+ * 155 41 7.202.*6+ ,0"02 .*4 8 4+.2+8 .2 + 20 R+, 8 "1,+ - .
9*.6+ - 0"%0 " ,+6 06 *+50 : 14+ 04 1 - .6 ,+ - 40 - 06 . - +606 .0 + +
5.6+ - - +"4.6 8 06 . - 3+ 2+ 4. - 0/ + 6 , 8 3+ ,1*:0*6 2+8 "" 8 *60 +0 .*6 ." 8
"1, 8 +2 *1*4+ - "1,+8 . 9*.6+8 0 6 018 - .9 6 .6+8 , 0.618 3+ 3+14 * 0 61 " *6
0 9.$ 160 6.*60 8.* - 1 *0" 20 6.60 04 41 ,1*,0 " . +.*6+ - 504 .*6 6+ - :1
, 2+8 04 6 1 1 + - ,1*, 1*.61 + - +2 3+0 ,+*4. 50 1*. 0 *1* 4 + 4+ .6+ . - 5.
,0 - 2".60 .76 + - 0. - 3+0 5.4 .4 +6 ,+ - . *+6+ - 06 ."60 .*60 0/0** + -
.4.0 ,1 - 5. .*6 + - *0, 400 "0 A .0 6 9 .61 08 3+ : ,18 , ,+ - 0+*608 A1.** 8
+ 6 04. + - - ."+ - 0/ 6 5.6+ * E."" . - .4:0*6+ - 40*+*, 0*6 *60 -
04 4+ - *1: 8 06 ,.: "".61 8 *60 5 06.6 1* 2+8 ,1*:0"" * 0+ 6 . 0/60 18 5+6.
*9"18 3+ 2+ 0+ - 515+". 2+8 *0,0 . + - ,1 - - 0 , + - 0 6 . ,1*:0*6 2+8 0/,"+4

L 40 -

& % V A1.**0 - & 0 + - * .+". - < 7 4 I $

. Y . 0 (a $ 7 9 !# # $)$ 0 / / $ " $ 2 2 $ I
8 # , "# 8)$ + %) 5- #$! $ - 7./ _ $!$
2 9 $ 2 1 , 9 $ 2) 0 ! !)# , * . , &$, $ $
n #)$ A2 / #)$ 2% " ! $

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' # ' " 6. '06#' 0* + - '5 .0 40 - '.' 090' 40 9*.6+ - '< 1*4+ - '.'$. 0* ' ! # '.4 -
+ - '5"0 1 3+0':0 1'12' 0" 9 1* 8',.+ . *'.',.*,0"". 1'3+."' - .9 6 .6 2+8 '3+18'. - '
2 02.*6' *4 *18'7.2 618' *0,'5. :. - ' + 5 , 1*0 - ' *40'$ 160 6.*6 2+8' *< 4 ' 3+14'
' + 2 2+8' ,+6 '20""1'+50 ' . 40*60 ' 6.'*+*,' .4 .5 . ,0 ' . - .618 ',1*:0*6+8'.9 6. '
06'+ 2 2+8' .,'155 4 8' *'3+ 2+8'$ 160 6.*608' - .<1 0'*+ - 0 1' +*6 '5 .0 4 .'*1:.' - '
51*'.+4 .*6< +6 055.0 ' J .*, ,151" 1*6 : ""0 1' +40* . 51*6 ' G+ "A0 '
21: 1' . 1, . + - ', : 6.6 ' .41 - '06' - " 2+8 '<. 6 3+0':1,08' +2 3+0' 5. 9 3+. - '
5 - + - ' . - +8' ,+ - ' 0/0 , 6+' .+/ " . ' 0' E ."" .' 0/,0"%0 6' 5 16 *+8' . - .' 0'
+ - 56+ - ' ' 12' 43+0' 1 - * .'.4' 20""+ - '5. . ' 01' 40* 3+0' 50 6 *0 0 ' 3+14' *'$ '
,. 4 .' .4 1 1 - - ',1 6 1* 2+8 ' 3+ 238' 5"0 3+0' 0' *12 " 6.60' "1*90' 50"" - 1'0/0 - 5"1'
1 - 0' 4040 *6' 0 04+ - ' 6' +6' 1*4.,+8' 5 .0 04+ .' +.' 0/,"+4.6+ ' ' 06' $0 1*.0'
*' 5 - 8' 1260*6.' 5 : "09 16+ - ' 155 4 ' 5 .0 19.6 :. ' *9 0"%+' 5 17 20.6+ < 3+14'
' 40 - '06' '(.* - . .*+8' 1 ".* ' .4+ - 8'<. 406+ ' 0. *' - +"61 + - '.+4., . - '0/' ""1'
5 1:0* 0' 3+14' 04 4 '5 1 - +"9.6 1' - +"6 8' "1, 8' - * - 0' 5+2" ,0' .4 .' 6' *0,' *' 0@+8'
:0 2.' ,+6' ""1' 5 1' ,.+6+ - '0 6' - .9 6 .6+8' *' ,+ 8' +5 0 - 8' 06' * 0 1 2+8' +2 '
0"" 8'<+ .:0 *6' 04'.4' 1040 .'1, ,+"6.',1*66.' 04 4+ - ' * 6 6+6.'6+ 5 '60 9 :0 .6 1*0'
1' 1"+ *' "" ' 04' 06' *' .*4 1 0' 09 8',1* " 1'5"0 3+0' 5 1,0 08',1** :0.*6' 5 1 '
40' 1 . 0' 090 - ' +6' - . "8' 0/' 01' 5 1:0 0*6 2+8' 5 1' 5 +40*6 .' +.' 41*0+ - ' 0 - 0B
4 + - ' .47 20.6' 5 1: 40.63+0' *0' 5./' 6.*6150 0' 0/506 6.' 06' *9+". ' 09 *.0' 6+4 1'
,1* 04.' 50 * , 1 8' .4 1 1 + - ',1* " 8' 6+ 206+ ' p ,+ 063+0 ' 3+.*41' +.' *' E ."" .'
4 +6+ * 1 ' - 1 .' *1*' 1"+ - ' 09*1 ' 04' 5 '12' *0,0 ". .8' 5"02 8' + 6 , .0' :, / .6 1*08'
- 1"0 6.' 06' 4. - *1 .' 6' +6' 6 50*4 .' 5 1 - .3+. - 5 - + - ' 05 .0 0*60*6+ '' 3+ 2+8'
. , ,056 8' 6.6 - ',+ - ' + 8' *' E0 - .* . - ' 0' 0, 5 .6' 4' 7.8' 0/51 6+".6 1*08' .' 090' 0 '
51* + - '' : , " - ' 2' 41"0 0 ' 3+14' .401' 0/+",0 .6 8' +6 *3+0' .* - 8' 04 4 '0/0,+6 1'
7.40*+8' 4 ".6.' 6' ,060 + - ',+ .6+ + - ' 0' +6' 06' 40' 04 41' 5 '06' $ 160 6.*6 2+8' .6 '
.6' 06' 408' 40' 50,+* .'4.6.' 5 .0 606+ ' '0. *' 0 - '4 - 1'U& 0 1 ' - 1/'$1 - 51* +8'
2 0""0: 0+8' - "+8',+7 '50,+* .' 06' *90*6 8' 5 06 '90 - - 8' 06' 12 4 2+8 ' 3+ ' - '
4 ,0"%+ - '.4' "0:.*4.*<E ."" .<< ' + 90 06' 3+0' ,+ *' . - 1' *' E0 - .* . - '5 1 04+8'
06' 3+. ' *' 6 + - 57+ - ' 4+4+8' 0 40"20 9. - ' *6 .: 6' 2 408' .' 090' * 6 1' 4.6' 06'
,1*:0*6 < :1("09 ' - . ,7 1 '06' $.*, ,+('L (,. +8' 71 - 1' 5160*8' 15 2+8' *: 4 1 8'
3+ 'A.,12+ - ' 0""1 - 1*6 + - ' 9 .*4 1 0 - '*.6+' " + - ' *' ++ - '"1,+ - '0/E0 - .*1 '
+ - ',1* 0* +' +2 6 6+ 6' ' "09 1' - .<+8' *0916 + - ' + 6' ' 3+ ',+ - '" 20618' *1*' 7. '
20 06' 06' 0' .2' 71,'1*0 0' 0/,+ .6+ +8',19*1 - *0 - ' 2' :1*0 - ' *61* ' 2 " ."4 '
.6 8' .*60' 6 0** + - '.' E+" ' $ .60* '& 60"" .*1' 1,, ' " + - ' 6 40 - ' +2 6 6+0 0' 68
"+ 6 ' :0 + - ' 0,+ .76 2+(' E0 - .* 8' ""0 ' +6' 1 - *0* ',1*6 .4 ,0*4 ' 1,,. 1*0 - '5 .0 '
440 06' :1*0 - ' 5' + - ' +6' *1 - * 8' 06' * 9* + - ' ,'21*1 + - ' +, ,0 62 0 - '40 9*.: 6'
,1*6 .4+3+0' 0:1,.2 " '70 040 - ' * 6 6+ 6' ' 3+14' - 1"0 6.0' .,': /'6.*40 - ',1 - 51 6.0 '
" 6' *60 ' 5 + - ' 06' 7 61571 * - ' 90*6 "0 *' 5 1/ - 1 0 - '9 .4+' .9*.6+ .' 0/1 6.0'
, .+ . *' 51 60.' 5 .02+ 6' E0 - - .0' .' 0""0: 01' *' - .*+8' J 40 , ' 0560 - : ' 6+ 6,'
60 - 51 8' .47+,' 5, 6 6 8' , * 9*.6.0' 8' 06' 0140 - '60 - 51 0' .' 090' 06' J .*, , .'
.6 0' & 4+8' J.20 '$ 2 ., +8' .4' . 1"+ - ' 167. *9 .0' 4+,0 - ' 1 1 + - ' 3+ ' .2' 01'
+6 + 3+0':0 2 8' 5060 06' 4' 3+14' & - 506 .: '+6' 5 .060 '5 .04,8 3+18' 0/' E0 - .* 8 '
4.6+ +8' 0 .6' 5 0' . - 1' 40 + 2 '0 06' , .:0 063+0 ' "1' .+ 01 + - ' , 1' ,0 6 8' 50* '
1* 2+8' 6.6 3+0' 60 - 51 2+8' J .*,1 + 6' *+ - 0 .6+ - ' ' $0 'R !' V ." ., + - ' 1* '
6., +6 + - '06' 1*4.978' 5 : .6 - '0/51 6+".:0 .6' ' 06' 40' .0 0' ." 0*1' .,'4160' +/1 8' 3+14'

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% $ ' 4 $' / g 6** $ 4 % 0 A 2 ' 9 + :'
E ' $' 2'R ' ' % * 6 ' ' ' G . $' ' % '
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' L'

0/'5 1 - 0 .6'06'50 '$.+"+ - '.J1/ + - ': + - ',". " - + - '.4',+ - '*+5, ' - "+6)',1* ' " &"'
- . :0 .6' 2 ' .6 8 0 ' 04 6+ - ' 0 :. '5 ., 0 7 . - '$,. 4 .0' 2 '6 .4 '0640 8 ,+8' '
3+ '$, 1 . - ' * 50 '1,,+5.: "0*6' 06'*+*,'0. *',1*66.' 09 8' :1"+*6.60 - ' 06 *0 0*6'
3+.0 6 1*0 *' * 6 6+ '< 21 3+0 3+ + - ' .*.0' + *40' 51" .6+8'0 .6' 0 6 6+ < 060+ '
W)' " 20 ,' ,1*:0* 0*4 ' .,+"6.60 - ' ,1*,04 '06'A1.** 8' 2J0 0 ' . *+6+ - ': ,0'
45 - * '616'4. - * 8' 7 00'20")8' . J0 6' .6 1*0*"2.20 '06'<+4 ,08' *' 09* ',+ 8'$1 '
60 6.*6 2+8' * 1*' + 50418' ,+6 '04 41' 0.+6+ - ' 0 .6' ,2* 6 6+ '50602.6' 4'3+.0' 0/'
20* 9*0' 0 51*4 6' 06' . 6.' 50' +6' *9+" 8', .5 6 2+8' 1*4.01'2 0: ' .6 8 0 06' 1* '
6.,+6 + - ' - +"6 8'5 1 - " 8'1*0 .6+ - '.4' 1*4.0+*6' 0 - 6' 4'.4+*.': 'S."' 6
' # ' .:. +8' .,6.'.' 09 *.' 50' .4:06 6+8' + ' *' 3+ 6.* . - ' +6' 0,+ - '
,1""13+0 06+ '06' . 9. 6. - ' " . - ' 5 +8' +/1 0* '.44+0 0 06' 1* 0 .*4+ - '+3)4'
5 1,0 0 .6'2.+4'"1*90'.' + 4 9.".'5 1: *4.0' - 06 1512 '50 ,+"+ - ' .4+ +8'.*' 0'
.6+8' 06' ,4 +"08' + 2 8' 3+16+ - ' - .9*.' *'0.'.+41 6.8'0+ - .4 - + '0 "0*6 ' # '
,1*6 .' 50 - '0:0* 6' 06' 6.6 - '6+ - +"6+'0/, 6.61' +6'5 .0:0 60 06' 06' 05+" .0' 4040,+8'
4 00 "+'6090 06' 9 **+ - ' 06 1',0 6' *60.'06 '5 15 *3+.*60' + 2 'E1*4.02',+ - '
9' 0 .,1' *' (.*61*08' 04 06' 6+ - +" +.6+ - ' *' 0.' +0 .6' 3+.*" *<+ . ' ""0'5. '
4 - +".6 1*0'6 .* 09 6' (04' .2' 01'60 - 51 0' 02+8' + 8' * +"0 0' 6.6 " 6' 06',+ - ': '
40 06'*5*' .6 8' * 19*.,1'06'A1.** c .*1' 155 4 8' - 04 60 .*0 8' 00* 6.6 8' 0 "0&'
40' 1.9 2' .4' - . 0' " 61' 06'5 1560 ' ." *.8'6*.9* ' - 2 - 0*6 '155 41' *'5260 6.60 - 0'
4 90*41',19 6.60',105 6' A.,12+8' $1*6 +8' .* 20 "+8' "1, '41 - *+8' " + - '.4' 08'
- +"6.8'12'" 6+ - '1551 6+*+*.'<. - '.*60' '.**18' - + 8', */0 . '40' +13+0' *1 - *0'
A.,151" - '4 /0 .6' '3+4 - '12' 4' - +"6 '.2' 01 '06'51 60.'.'J6.*, 04'0'<+8' " 1 '0 *0 0' & '
"+0 .*6' &0 + - 'J6.*, 0+8' 0' 7+0' + 3+0' 0/,+ .:0 .6'.' 090' 50 '& 4+ - 'U' (.*90". ?'
+ - ' .* .,+ - ' - 1* 6 "8' +6'.+6' 1.9 + - ' 06 *0 06'.+6' ' ""+4'." 0*. 0' 40, 0: 06'
4' *0' 0' *,1* +"61 ' .,0 0 'G+14',+ - 60 0 : 06' 1*4.0+8 &0 6)8' 0 4 620""+('
3+ '.4',1 - 6 .'<. - D' "10 8' *4 4.'5 15,4 0 - '5 06 + +8' 0 .6' + 6 5 +8' *' 0 ' .6,0'
*0,0 ". 1' ., 0*4389 .:.6+8' 40' 0.':0*40*4.',+ - '."3) ' .0.+ .." 0 1, &0* 0 '
0+ - '.4' 0' 0:1, .6+ - '5. 6 - '5 0, 2+8' 5. 6 - ' - * 8' 0 ': '.47 2 6'.'01'.409 6' +6' ""0' *0 '
,0 6.60' 2 ' 3+. - : 8' *: 6+8' 5. 0*4+ - ' 0/ 6 - . 06' 6.3.0' *60 '018',1*;0*6+* '
: 4 ' 1:0 - 2 8' # .' . - 20""1A.,151" - ' .4' 66 - 0 6 0' 1*4. +(;'3+ '01' :0 '
0 .6'.,, 50 06' 3+1' 0".5 1 '0. *' , 6 6+0 0' 60*0 06+ ',+ - ' - .,7 * 8' 06' 1 - * '20"" 04'
* 6 + - 0*61 '2'6. - 0*' 0" 9 1* 8', .+ .'51 6',1 - 6 .'20 "+ - ' - 1:0 06+ '<+8' 0 ,6' 1* '
4.01'"1,+ - ' 06 *0 0 ' ""7.8',1*4 6 1*08',6 - ' R - 4.01'6 .* 09 6' . - 20""+8' *1*'
. - ' 51 660' 3+. - '*0,0 6.60' .4. "+8' 3+ 550',+ - ?' - - 8' +50"<.'06' . .*0* '
\ * +".' 40"0 6 8' 06' 155 4.* + - ',) - ' 1*4.01'01* 5 .*6 + - ' .:1 0',". - '.4 - 4 8'
*'010 06' +6' * '5. .8' +2 0 5 "06' 55 4'51 "1" 1*0',1*6+ - 0" 1 0' 0/+0 06+ '
3+. - 12 0 - ' *1*' - 04 10 R0 ' +50"". * 8' 06' .6.*,*" 2+8' 0 - 50 '51 60.' +,,0* +
6.' 1.9 1'516 6+8' E1 4.0+8',+ - ' *40' +50"". - ' 0' :0""06 '40,+ 1*08' + 2 8' *606 '
,0 0 0' 06' - 8' " 0 8' 710' 6.6)'6, + - ' ,+ - ' ,1 - 6 8' *4 8' *' - . / - . - '3+ 06 8'
,1* 6 6.0*4.0' 0/504.6 1*0 - ' 0+*41 + - ' .* - '0 0 '0 "0*6' 3+1' - *+8' 3+ 43+. - '
.,0 0*6' 3+14' *1: ' - 16+8' *' 09 8' .* - 1' + 5 , 1 0 - '6/, 6. 0' 51 "06' 0' 0/,+ .:0 '
+*6' .0,' 6.' 5.". - '<. ".2.*6+ ' 040' 0' &0 .' +50"".*18'<. - ' . '510* 60 0',10?'
50 .6'< 3+ ' * 6 1' :0 6 < *0' 0/' 1.9 + - ' .*6' : , *+ - '0 '3+. '+ 2 8',0 : , 2+8' - 51 '
"6+ - ' .* ., '3+ '5 1/ - .',19*.6 1*0' . - 20""+ - ',1*6 *902.6' *60 :0*6+'.2'
5 1' 0/61 3*0 06' 1*4.0+6)'.4'"1,+ - ' *'5160 6.60 - ' 04 90*4+ - ',1* " 1'06'.+/ " 8'
<+:0 .*6' '6+*,':0 1' - 06+02.*6' 71 - *08' " 20 6.6'. "+06 '*0' 1 .0+8' 01' +,,0 " ' 6'
0/0 - 5"1' *, 6.6+8' 6 .<1 .' *'4 08' 06 . - ', *6 ' 5 18'.+40 06' E1*4.0+8' 6.' 05+" .

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% $ ' J6 Z') ((' C B ' ' '> $'6 ' ' $' % A
' >> .' '+ ' ' I'+ & ' 0 ' '% ' ' '4 $' ' '
' ' - + ', $' ' '5 .' ?#% $' ' ?

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4) ? ! . *. * $ % . Y # ,
' # ") 4 *0 3+ *+"". - *03+0 5. 0*6 8 156 - , 40 5 8 * 0 6 3+ 3+0 : 6. - * ,1 - - +*
,.+ . 5 1 +4 06 *03+0 + 5 +8 .6 1*0 - 7.2+ "0*6 - 1/3+0 2 4+1 51 6<1. * * 8
.*+ - ,1*,0 6 0" 61 A.,151" ,+ - 41*01 - " 6+ - *+ - 0 1 3+ 5 .00 "06 # 1*6.
,+6 1 00 6. - 0* ,0 ".2.6 50 0 - ". 18 +18 *+ 20 155 4.*18 5 0* .*41 06
, 6.*41 +6 .4 - 660 06+ 3+ 550 .4 . - . - 50 6 *0 0 0/ 6 - .*8 +6 20*0 ,+ - +B
50"".* 8 ,1*:0* 0 03+0 - .9*. * .+41 6.60 .5+4 018 0 0 ,+ * 6 *60"" 90 0*6 6.
3+0 4+ - ,0*6+ 1*08 + 2 8 ,+ - 40,+ 1* 2+8 ."60 ,.*6+ 06 7 . 1, 8 +6 . 02.*
- 1* 6 3+ *9 0" + - *+ 20 - 1*4.0 20""1 ,.+ . - 4.6+ + - - 06+02.*6 - 1 .8
*0 60 0*6 ,1*6 . "" *0 - .* 0 6. *<+ . 1*4.01 40*09. *1* 51 "0 ,0* 0 0*6
6.*40 - ,1*:,*6+ 1"0 - * /S. 0,0 - 2 8 40,0 * 6+ +6 1*4.0+8 .4 - 660 06+
0. "090 +6 * 7 " .,0 06 3+14 5 : "09 8 5 1 + - 40 19. 06 3+.0 * 01 - ./ - 0 ,1*
602.*6 *0 5 .0 0 6+ - 7.20 0 ,190 0*6+ (0,+*4+ - 7.0, 40"09.6 406+8 1
6 +8 06 $06 +8I 12 *0""+8 3+ 1*4.01 .50 60 .:02.*6 +6 .4 0+ - 155 4.*1 + -
*1 - *0 5 1 , ,0 0*6+ 06 5 .060 6. 0/,+ . 0*6 19. 0*63+0 +6 ,+ - . - ". 06 *+B
- 0 1 3+. - 51 %06 - * - 1 .4 + 20 - .,,040 06 9 6+ ""0 ,+ - 1*6.,+6 1 1 1
1*91 - 0 1 ,1 - 60 06 5.+, 8 ." 8 1.9 1 1":0*8 15 * 1*0 , 6 +8 .4 + 20 - .5
5+" 6" +2 . ,0*6+ 1* 2+8 5 - + - 40 #.,1* +" 2+871*2 ,0 0/,056+8 51 6 4 ,
0*.6+ + 2 8 ,1. 61 "1*9.*. 1 .6 1*0 - .4 018 7.2+ 6 +6 0 .6 4 ,0*4 5160*8 ,+<+8
7.0, + 6 + - - . ,+ - *<+ . - 5 17 2 61 + 2 8 *9 0 "+ .,,056. - " 20*60 ,1*
41*. 0 0 0<+ 3+0 5 - *0 - 0* + - 4051*0 0 60 6. 06+ 6. - 0* .6 8 .)1* 8 "1,1
0* /0 5060 0 +6 40 ,.+ 8 12 3+.8 0/,"+ +8 0 06 ,1 . - ,0 6 1 0 06 2 5 .061
+ 2 8 - +"6. 40 ,+"6+ 3+0 * 5 0/7 2, 0 60*0*6+ 6+ * 40 ,1*, " .+41 6.60 5 .0
.6+8 155 4.*18 +6 ++ - .4 + 20 - .4:0*6+ - * ." +4 60 - 5+8 4 0 06 1 . "0 4 / 6<
1 3+14 40 +5 0 9. 5 + - ,+"6+ ., 4 9* 6.60 3+ 43+. - 406 .4"+ - :0""0*6 04
3+14 . $ 4.: 1 6 J1*60*.0 06 *) * 0 1 0 $ 41*+ - 09 1*0 7.2 6.*6 2+8
1, 8 50 " 60 .8 - 1* 6 0 0*6 1*4.0+8 0, 50 06+ 1 0 +6 .671" ,0 1040 .6
*40 1,,. 1*0 - 71 6 ". ,1*6 . 5 18 - 1" 0*4 . 50 0*6 12 1.9 + - *+50
5.4 1*0 * 5160 6.60 - 04.4+ - *1* - 04 1, 60 6.6 0 :061 6. * 4+ 8 ,.". -
6.6 2+8 50 5 1 08 6+ - +"6+8 ,1* " 4.618 +6 12:0 .*60 0 - 50 ,. + - 0,1 4.6 1*0
.4 5 - + - 20"" + - + ,+"+ - ,171 0 ,.*6 6.3+0 1 . 0 +6 1 - *0 - 0<+8 0 - 0
- 1 . - 0/ .* - 1 4051*0 06 03+0 * +. - 9 .6 . - 0, 50 06 - 1*4.0+8 +
+8 19.: 6 .*" 60 .0 3+.0 . 5 .061 0 .4 0 - ".0 0" 0*6 515+"1 ,1* + 65 50 , 56.,
+ "0*6 6.6 - 3+0 +2".6. :1,0 ,+ - 515+"+8 3+ 03+0*8 .40 .6 0 * , 1 , 56.8
.,,". - ."%06 0. 0 2 5"0*0 .6 8 .4+ - 0/ 6 - .*8 1*4.0+8 ".06. 0 06+" 6 3+14
3+.6+1 .+6 3+ *3+0 3+ 0+ - +"61 0 - 7.2 6+ 0 0*6 ,1* 5 .6 1*0 .4+ - :
40 06 +6 3+14 +* :0 0/506 :0 .*6 2 40*09.6+ - +0 6 40 ,060 1 0 * + 20 -
:0* 0 +6 ,+ - 5 8 40 05+2" ,. ,1* +"6.6 1*0 - * 6 6+0 06 06 6 . 0 0 * 5 - 8
3+.0 40" 20 .6 1*0 15+8 7.20.*6< *4 * 3+.0. 090 ., 09 *. + 906+ * .+". -
5 1 04 1*0 - 09 *.0 * 3+ 6.* . - .4:0*6+ - < 06 .671" ,1 + - 3+ 1040 0 *
.+4 61 +2 3+0 40 - 12" 9.60 4 ,.*6+ *40 .55. .6+8 20"" ,18 *40 ,".*40 6 *.8
,1 6 2*08 .4 4 6+ 2.*4. - 5.,0 - +"6 - 1 04 41 .4. - 06 3+14 .4 5 - + - ., 0
,+*4+ - ,.5+6 2 0 0 : 40 +6 40"04 .2"090*6+ 3+ .5+4 *4 *+ - 06 09 *. -
04 4 5 1 - +"9.6 1*0 - 06 0/0,+6 1*0 - + 90.*6 .4 60 6 + - +6 ,1*6 . 50 * , 1 18
.4 1 1 + - ,1*.6+8 ,1*6 . .0 : 08 1551*.*6+ 06 0*1:.61 . 4 +8 1040 0 ,1* ".
06 15+8 +0 6 . - . 1, 0*6+ *60 0. 3+. * 0/,+2 8 .4 1 - *0 8 ,. +8 5. .6 "0
40.*6 $1 6 4 0 04+418 * 0, 06+ - ,1*,".:0 40,+ 1*08 ., - .9 6 .6+8 0/ " 60 8
.2 . - , 8 .+". - " 8 40 ,5*<+ .6 1*0 3+.4. - 1,,+"6. 018 041,06 ,+<+8 5 .0:0 60*4.0
,.+ .
- ! G "4") ! % ' 0 0
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ʻ #ʻ ʻ P *

,.+ .ʻ5 .0, 5+0ʻ 0ʻ.4ʻ018ʻ :0* "0ʻ 40 - 1* .2.6ʻ (+ 50 6ʻ, - * 8ʻ *ʻ+ 2,ʻ - .*0 0ʻ06ʻ!0@ j &ʻ
*+ 3+. -ʻ51 6 8ʻ5040 -ʻ0 0 ,ʻ<+20*6+ ʻ (,4ʻ,+ -ʻ ""ʻ.,,+ .61 08ʻ*1 - *. ʻ5060 0*6ʻ ʻ ʻ
,6ʻ,."+ - * .8ʻ - 0 .8ʻ4 ,0 0*6ʻ.2ʻ 8ʻ. 6 , 1 0ʻ,1* 6.8ʻ3+ʻ+ 20ʻ3+. - 4 +ʻ20*0ʻ,1*B
,+ 8ʻ0 "06ʻ 516 ʻ ,+ -ʻ40 50 . 0*6ʻ4 0* 1*+ -ʻ 0 - *.ʻ *60ʻ, :0 8ʻ 5. 90 0ʻ06ʻ15ʻ
6 - 18ʻ3+1 3+0ʻ5"02ʻ + 50 618ʻ 0440 0ʻ.,:0"+6ʻ,.*08ʻ 418.2ʻ1: " 8ʻ,+" 14 .ʻ7 8ʻ. ʻ
6 2+8ʻ 0 - 1:0 ,ʻ .6.902.*6ʻʻ #$. ,0"".ʻ6.*3+. -ʻ *40/ʻ.ʻ 1*4.01ʻ*1 - *.6+8ʻ0 6ʻ
0+ - 3+0ʻ ""0ʻ 19. 06+ 3+.040ʻ,1*<+ .6 1*0ʻ *60""0/ 06 040 0 4ʻ 0 . 6+ + -ʻ*09.: 6ʻ
5 + 3+. -ʻ<+4 ,08ʻ"09 6 - ʻ ,1* 6 6+0 0*6+ ʻ3+ʻ40ʻ,.+ .ʻ,19*1 ,0 0*6ʻ %.*40 - ʻ
. - ʻ.,,+ .61 ʻ*0 - 1ʻ01 - 5. 0 06ʻ 1*4.01ʻ +.40*60ʻ 0*60*6 .ʻ".6.ʻ + 50 6ʻ.2 1"+6ʻ
+*6ʻ"ʻ 3+.0ʻ06ʻ - 1/ʻ5+2" ,.ʻ5 .,,1* 8ʻ:1,0ʻ50ʻ+ 2 8ʻ5".60.8ʻ5 1 - +"9.6.ʻ0 6ʻ.63+0ʻ6.ʻ
60 ʻ 0ʻ5+ 9.6 8ʻ + 5 , 1 2+8ʻ 0,1*, " .6ʻ, :08ʻ06ʻ40,+ 1*+ -ʻ.,ʻ,0*6+ 1*+ -ʻ.4ʻ
6, - 5+8ʻ,1 - 51 6+ -ʻ4 4 + -

& ʻ % 7.0,ʻ " .2067.ʻ3+.*3+. -ʻ.4ʻ. - .61 .8ʻ *4 * " 60 .8ʻ3+.0ʻ3+1ʻ
6 4 0ʻ - 6 6.2.*6+ ʻ*1*ʻ *,1 - - 140ʻ 0 51*40 0ʻ; 40 06+ ʻ1 - *0 -ʻ150 . -ʻ4.2.6ʻ+6ʻ
0"9 + -ʻ *ʻ$7 " 55ʻ 40ʻ - .*0 06ʻ*0ʻ0/ʻ 0" 9 1* 8ʻ4 " 4 1ʻE.""ʻ,.56.6.ʻ1,,. 1*0ʻ *ʻ
ʻ5040 -ʻ51*0?0*6ʻ 03+0 0*0ʻ5 16090ʻ - 1 6+.ʻ,+ -ʻ5 .041* 2+8ʻ * 0 6+ -ʻ 0"9 ʻ
,+ -ʻ" 6+8ʻ *9" ʻ0/50 0*6+ 2 .6.: 8 + 6.*18ʻ.,$7 " 55 ,18.6330ʻ.401 +*R0 R.ʻ
*1871 60 8ʻ +18ʻ.2ʻ 8ʻ .**1*.0ʻ +2:04 *0ʻ<+:. ʻ ,1*3+0 0*6 2+8 ʻ - 6+8ʻ40*+1ʻ
D 1" 61,R+8ʻ,+ -ʻ,". "0ʻ3+ʻ,,ʻ, , 60ʻ5 .6.8ʻ,05 6ʻ06ʻ *ʻ,. ,0 08ʻ50ʻ1 . -ʻ - . 6ʻ
- . -ʻ404 6ʻ %+ *ʻ.4ʻ508ʻ 05060*4.8ʻ *ʻ=0".*4 . -ʻ40"09.6ʻ0/ʻ1 4 *0ʻ03+0 6 ʻE+"
h *60 +8ʻ06ʻ 120 6+8ʻ? 0."+8ʻ 09 1ʻ,1*, " 1ʻ.2ʻ05 61" 8ʻʻ 3+ʻ51 6ʻ"1*9.8ʻ."60 ,.ʻ
6 1*08ʻ 5 ʻ* - . -ʻ +1 + -ʻ *ʻ" 6 2+8ʻ.0 6 - .*4 8ʻ.:. 6 . -ʻ4060 6.6ʻ6.*40 -ʻ6 .* 0ʻ
90 +*6ʻ) 2 ʻ:061ʻ,1*" " . 18ʻ +/0"" 8ʻ *ʻ,+ 654 . -ʻ4.618ʻ *60""0/ 6ʻ 6.6 -ʻ01ʻ%71ʻ
- . -ʻ ʻh " 1*+ -ʻ"09.: 6ʻ3+ʻ 050*6 *ʻ - 16+8ʻ,.+ .8ʻ04 ,0 06ʻ06ʻ 5.*18ʻ06ʻ ʻ
4 *08ʻ.4ʻ,1*,1 4 . -ʻ71 6. 06+ ʻ + -ʻ 4 *08ʻ150 -ʻ.4:0 +8ʻ "5.*18ʻ50 4+ʻ0""0 8ʻ
40,". .618ʻ5060 0*6ʻ " .ʻ 0ʻ5 - + -ʻ0/,+ .: 6ʻ06ʻ 6.6 -ʻA1.**0 -ʻ8ʻ(- 67+ -ʻ7 (0 ʻ
- 1+6 8ʻ. 6.ʻ,19*.6 1*0ʻ<+* + -ʻ.,ʻ5 2 *40ʻ 4:. 4ʻ: ʻ ,1* 12 *+ - ʻ71 - *0 -ʻ
50, 0ʻ06ʻ. 6+ʻ 5.*1ʻ *ʻ 5.* . -ʻ.2"09.: 6ʻ3+ʻ5.48ʻ *ʻ 49 1ʻ,1* 6 6+0*4.0ʻ,+ -ʻ
$7 " 551ʻ .6 1*08ʻ * 06ʻ $1 60.ʻA1.**08ʻ + 6 +8ʻ ʻ 0"9 + -ʻ:0 * 6ʻ3+1ʻ,19* 61
4:. 4+8# 1 0 +8ʻ - 6+8ʻ3+ʻ.4:0*6+ .ʻ0<+8ʻ *ʻ5 1: *, . -ʻ9 .6+". 06+ ʻ06ʻ.4:0 +8ʻ
E.""18ʻ 6ʻ3+ 4ʻ *ʻ 0"9 1ʻ - 1" 0*6+ ʻ150 -ʻ40 0 06ʻ %+ *ʻJ .*4 ,1ʻ ."+ *1ʻ(Z0ʻ
& *97. - 1ʻ40ʻ50,+* .ʻ,". -ʻ5 1 - 6.ʻ5 1ʻ 4 * 2*8ʻ 40 -ʻ0<+8ʻ *60 50"".*6ʻ 0 51*ʻ
+ -ʻ"ʻ5. .6.ʻ%)Hʻ ʻ" 2 4 + .ʻ(60 " *. + - ʻ 04ʻ0.ʻ"090ʻ*0ʻ 0" 9 1*0 -ʻ.+6ʻ5 *, 50 -ʻ
- +6. 0*6ʻ06ʻ ʻ3+ 40 -ʻA1.**08ʻ + 6 +8ʻ.ʻ5., 8ʻ .6 1* 2+8ʻ5 .0 .40ʻ 0ʻ." 0*+ -ʻ
1 60*40 06ʻʻ *. * ʻ 6ʻ *ʻ5.,0 -ʻ,1* 0*6 06ʻ50,+* . .ʻ 0ʻ6+ - +"6+.*6ʻ12ʻ*1*ʻ 1"+6.ʻ
616ʻ - 0* + -ʻ 6 50*4 .ʻ 5.*1ʻ - " 6ʻ*+ - 0 .6+ . -ʻ3+.ʻ 0ʻ 0" 9 1*0 - ʻ3+. -ʻ5 1 ʻ
602.6+ < *ʻ 0"9 1ʻ 0 :.6. -ʻ3+ 40 -ʻ,+5 02.6ʻ,060 + -ʻ 0ʻ.ʻ 02+8ʻ*1 6 8ʻ5 1 +8ʻ.:0 ʻ
. -ʻ06ʻ.4 + 9+*4 ,+ -ʻ 104+8ʻ 0 :.*4+ -ʻ0 9.$7 " 55+ -ʻ. 04. -ʻ1 60*402.6ʻ 1 ʻ
6+1ʻ06ʻ +2ʻ 4ʻ ./ - " .*1ʻ .0 . 0ʻ,1*6 *+1ʻ$7 " 55+ -ʻʻ(4*0 + -ʻ.4ʻ 141" + -ʻ
- 66 6<:3+ʻ,1*,056+ -ʻ40ʻ5.6 8ʻ,+ -ʻ3+1ʻ. 6 " - . -ʻ,1"+0 .6ʻ. - , 6 . - ʻ52 6+ʻ41ʻ
"1 0 -ʻ71*5 ,0ʻ60 6.606+ ʻ06ʻ40ʻ 02+8ʻ 0"9 ʻ01 - 51*0*4 8ʻ,+ -ʻ*1:1ʻ .0 . 0ʻ.90ʻ
06ʻ G+1ʻ0140 -ʻ1 , 1ʻ.5+4ʻJ 40 , ʻ ʻ$.".6 *ʻ 0560 - : ʻ3+ʻ*+50ʻ40,0 "0 .6ʻ
" 28ʻ *ʻ 6 *0 0ʻ40 +*4+8ʻ0 6ʻ (4*0 +8< A1.**0ʻ *60 -ʻ . - 1ʻ40ʻ50,+* .ʻ20""1ʻ
E.""" ,1ʻ*+50ʻ.2ʻ04ʻ0/50* .ʻ + - - 1* 61ʻ3+ʻE.""1 + -ʻ.08ʻ ""+4ʻ." 0*+ -ʻ*1*ʻ ++ -ʻ
, "0ʻ 0 51*4 6ʻG+ . 6.** ,.ʻ0 - 0"ʻ *9 , ʻ + - +8ʻ7 8ʻ06 . - 20 * ,.ʻ.4<+*90 - +8

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. ʻ ʻ ʻ ʻ ʻ ʻ ʻ)# ʻ/ ʻ ʻ)ʻ- !)ʻ # _ ! #)ʻ! # ʻ ʻ)ʻ ʻ !)ʻ !#! #ʻ
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ʻ # ! ; 5 # !) ʻ; #)ʻ^9 !)ʻ - 1 3$ _ !# $
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" G &" +6 . (6+40 +8 4020""4664.0 * +".0 .51 6 , , 40 6 *.6+8 + 6 . 0/ 5, ".6 0. 50
' #) " ". .6 2 ". * ,7. 4 " 3+ .*60 2 - 0 6 0 5 .060 61 - - :0* . - 5.6 0 . * * 60*6,
.5 16090 - 506 .:0 .*6 40 0,0 0 40*+1 * 5 .04.8 50 2 1**.,67 . - 0 J+ 6 670*
. 06 . - 3+. - <. - *,1".0 * 6.+ .2.*6 *,0* . 06 ,1"1* 8 6 ., 4.6 8 4:0* 0* 0
40 * 5 1 090 * R602 .8 0 +.8?,1*@0,0 0 $.60*8 ,7. 4 +8 616 0*8 5 1 8 .*60.
+55"0/ U +2" * 12 4 * . ,0 0 - 6 +4 6+ :0 ,1* " 8 ,1 - * 5. 6 , 5. "0 , 04
6+8 :0 +6 *41 - 6.0 .+4., .0 71 - * 2+8 0/ 50 ,+"1 5.6 8 - 06+8 *< ,0 06+% &0
+ - 4 00 "+ 5 1 09 8 6.6 - 0 "+ 6 8 0 - 0 0 0 06 . "". 0197. - . ,0 - 5.60 *. - ,+6
5 1 0/ %71 - . - (6 .*9 + - ,+ - 5 .0 4 1 - 51 +0 .6 61 ,1*.6+ .41 +*6+
9 ., h "" . - 60 .8 150 (,161 + - 02 4 .*1 + - :. 6.*6 06 .4 5 1 09 8 .4:0*6+*
6.6 - 7+0 ""+, 4 ".2+*6+ *60. E+ " - +8 # 0 Z , 3+1*4. - 6 2+* +8 6+*,
&061 1 - 1* .0 5 .0 0 6+8 : 20""1 6 0*++8 0 . - ,1 - 6.6+ - $.".6 *+ . *
3+0 * 12 5 : "09 . 06 - - +* 6.608 5 8 .2 4:. 41 1" - ,1*,0 ".8 - . "0 , 1 - *08
50 - 5+* 6.6 8 6. 3+. - * 0*6 *. - ,1* "+/0 .76 : 3+.*41 ." 60 *1* 5160 .6 .4
7+ - .* 1 0 - 0+"6+ - 06 12 03+ + - .44+,0 0 .99 0 "+8 0 6 06 ,+ - 5 : "09 1 + - 12?
60*6+ 515+".608 * 6 1 0 - 0 0 6 ""0 - 50 1 0 0 51*4 6 " 20 6.60# .4 <+ 6 6 .0 ,+"?
6+ * *1* .4 ,0"0 + - - 5+* 6.60 - ,1*,0 ".8 0 "0 6.3+0 . - .6. - .*+ 09 1*0 .
.99 0 "+8 ,+ - * 4 .8 . V 0 - 1* 1 ,1 - 0 3+ 0 ,+ - + 8 1551 +0 .6 51 6.8 5 1
6+5 06 06 12: . - 71 +* 50 4 61 + - - .*+ - ." 3+16 08 5 1 " 9. %06 01 .4 0/6 0?
- + - 3+ 06 8 - 5.6 0*608 71 - *08 . - 8 - 5. 08 .44+/ 6 +6 <+ 0 0,+ - .90 0*6 < ,.+#
.6 9 .: 1 08 0/.4 1*08 40 3+ 2+8 .5+4 5 1 090 - 0/51 6+".:0 +*6 06 : ,0,1 - 08
."6 *9". "+8 a 0": * +8 167 +8 % - "0 61* +8 ." 0 ,+"6 1 0 .90* .0 5 0
: 7, . *12 "08 3+0 0".8 +.8 <+*/0 - *6 04 0.8 0"+ 6 5 1 0/ ,+ - 4 ,0 06 <+8 ""+4
50* 6.6 1*+ - 3+.0 .5 .0 04 8 0/ 9+*6+ 6.2+". + - .*6 3+. + - 40 * 6 06 09 .,
5 .0 19.6 :.0 *1 - *0 : - 60 - 51 0 .,,05 0 < 0/ 013+090*0 0 0 "0 3+14 ,+ - "1
9 2+8 - * - 0 .4:0 06+ *03+0 "09 2+8 +2< , 4020.6 - +8 6. - 0* 7., * 0
4+ +8 .63+0 .401 .:. ,:0 . , 04 6+8 0+6 ." 3+16 0 20"" 4+, 2+8 * *9" . - -
"" "06 3+ .4+ - 0/,+ . 0*6 .4 5"., 418 * +".*18 ." 3+.*4 + 3+. .4 .5 *.8
09 1 *1 - *0 .2+ 0 "0*6 * ,+ 614 . 4060*6 " .2067. , 02 1 :06+8 4 40 + - 0
54*0*60 61*40 +18 *1* 409"+2 :0""0 *60 0. h ."60 +8 2 1 ,+8 "0/ .0 ,1 - 08
3+0 - " :1 0 0 ,0 6 5 - 1 * * +". - ,+ - :.*1 20 * .0 6 2+* 6 6+"1 - "+ -
., - 1/ *4 9*0 0:1,.6+ - 4 / - +8 * *9" . - 0:0 +8 ,+ - 08 41 - ,1* + .8 0
50 "06 0/ 41"1 5 ,1*6.2+ 6 *1* *0 + 5 , 1*0 :0*0* .2 . - .*+0* 5 15 *.6
.06 6 . - .*, 4 IS*1"" " . - 5 .0 6.*6 1 - . * - .6 - 1* 1 7.202.6 ,+ - 3+.
50 : .2 0*6 . - . - " . +8 <+ 61 :0 .2.6+ 0 ,0 "/ +8 < 06 + 5 , 1* 40 - .5+
- +"618 . 6 +/ 6 3+14 %0/ 1 - 1 6+1 6.6 - 0. * V +9". " . (70 0"4 . 3+. .*60.
:0 +/1 0 :0 ,1*,+2 *. + +8 +0 .6 . 0 .24 ,.6. * +/1 0 - .,,05 6 **1 .06.6 8
' ' ' (40,0 " 6 h ."60 .8 3+0 - 5. 0*8 0<+8 - * - 0 0/,0 "0 .6 0/ . - " .*12 " - .
04 2 0: 8 .0; 5 19*.6+8 3+.0 : 6.0 2 0: 6.60 - : 6+6 8 9"1 . 0 - 50 +50 .: 6
1 6 5 1/ - +8 . 6.*60 8 19.: 6 " + - 3+0 - 40,0**0 - 0" *3+02.6 - 1*0 0*6
.2 01 .**1 6.*3+. - .6."0 2 , .:0 06 3+0 - 6. - 0* ""0 - * - 0 .66 9 6 2 0** 1 - B
1 0 : : 8 0 056+8 1 0 1 ., 056+.90*. +8 +2 4 ,1*,0 ""6 *61* *8 1 ,+8
5" - 4:. 4 : 5+0 6 .0 .4 - 16+8 : 5 0. - 1 + - 0:0 6.60 ., - +"6 5" , 414 7
*. 3+ "1*9. : 6. 06 1508 06 4 9* 6.60 - *60 18 - ./ - . - 3+.0 : 6 06 " .8 E .,,0
6 .6 *0 +5 . 0/+ - 0 - 4 6.8 : R 4 9* 6.60 5 .,,0""0*6 2+8 0"5,.: 6 E+" ? 0, " 5
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% $? ` " . ' 0 2 ' /
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! _) ! 3) / " 8 , !2 # . " 3 ! " $ C A , & "### &$; I
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ˁ ": ˁ ˁ - 6 6JA " ˁ :" ˁ : ˁ ˁ 2 ˁ G ! ˁ . . 5 ' ' (ˁ

:] " # ! ˁ ˁ ! 6 ˁ G " d : ˁ) ˁ

ˁ " ˁ+ˁ ˁ *18ˁ<. - ˁ4 08ˁ01 - 6 1 + - ˁ.40 .6ˁ3+.0ˁ$ 160 6.*608ˁ06ˁ 1, ˁ *4 , ˁ51 6+ ˁ
".:0 .*6ˁ3+ 2+8ˁ6. - 0*ˁ,+ - ˁ: 40 0*6ˁ 4ˁ.9 ˁ+6ˁ04 4"+ - ˁ*+50 ˁ .4+ - ˁ ,:1,. 06+ ˁ
06ˁ 4 *+ - ˁ.+41 6.60ˁ20" + - ˁ$ 160 6.*6 2+8 *4 ,0 06+ < 5 3+. - ; 8ˁ"09.608ˁ.4ˁ0.ˁ
+ 660 0*6ˁ6. - 0*ˁ06ˁ 0ˁ *60 - ˁ.4ˁ20" + - ˁ5. .2.*6ˁ$ *, 5 + - ˁ - 56+8ˁ *,(056 - .* .ˁ
+ 6ˁ3+ ˁ6. - 0*ˁ 6.6 5.ˁ ,1*3+ 0: 6ˁ ˁ + * +8ˁ 4 *+ - ˁ4+41 ˁ .*+ - ˁU(5 6+8ˁ.4ˁ
714.*+ - ˁ5 .0" 4 1ˁ60*02.6 3 ˁ *ˁ.+". - ˁ5 1 04+8ˁ06ˁ.ˁ 09 *.ˁ+6ˁ, 04 6+ < *4+4+8ˁ
"1,+ - ˁ0/60 * 8ˁ,15 8ˁ *ˁ$ 1: *, . - ˁ *6 14+,0*4 8ˁ1551 6+*+ - ˁ 0 ˁ + 504 8ˁ0<04 8ˁ
1,,+5.6+ + - ˁ 0,050 .6ˁ 8ˁ 9 6+ ˁ41 - - ˁ 0:0 +8 E+" 0" *+ - ˁ 1 - 1 .*6 + - ˁˁ%71 ˁ
0+ - ˁ,+ - ˁ$ 160 6.*6 2+8ˁ06ˁ." 3+16ˁ155 4.* 8ˁ40ˁ 0ˁ0/50""0*41ˁ,1* " + - ˁ * "0ˁ,.+ˁ
.6+8ˁ + 504 8ˁ,+ 61408ˁ.551* 6ˁ ˁ06ˁ%71 01ˁ 5 "ˁ 3+0 - ˁ0. 0 - 06 < *<041ˁ.661* 6+ - ˁ
0".2 ˁ5. "+8ˁ0 6ˁ3+1ˁ,. +ˁ3+. ˁ,". ,1ˁ0/, 6.6ˁ5. " - ˁ1 - *08ˁ50 ˁ(056 - .* . - ˁ. - .ˁ
+ - +*6ˁ . - : "". ˁ%71 0 ˁ3+ ˁ 0ˁ9 ."*01" - . ˁ0/ˁ +9.ˁ 0,050 .6ˁ .60 ˁ06ˁ5 2: * ˁ
4.0ˁ5 .0 08 6+*,ˁ+/1 0 - ˁ *ˁ.+".ˁ7.202.6 06ˁ50 ˁ0. *ˁ.+".0ˁ2".*4 6 8ˁ40,056. - ˁ *ˁ4 08ˁ
50 ˁ" 60 .8ˁ40ˁ09 09 .ˁ0 9.ˁ 0ˁ 09 8ˁ:1"+*6.60ˁ,0 6 1 ˁ 02.6ˁ3+14ˁ06ˁ,0 6"1 2+8ˁ5 9*1 ˁ
2+8ˁ ""ˁ 51 6ˁ+/1 8ˁ 04 6+ - ˁ,1* 6. 0ˁ40202.6ˁ 6ˁ+/5 8ˁ3+ 40 - ˁ" 60 8ˁ 40 - ˁ7+0ˁ
+ 3+0ˁ7.2+0 .6ˁ 04 ˁ + * ˁ.+4., .50 ,+" 58ˁ *1/ˁ *+6.: 6ˁ,+ - ˁ71 - *0 - ˁ * ˁ 0 ˁ
06.ˁ.2ˁ.+".ˁ - .*4.6.ˁ *60 ,040 0*6ˁ6.*6+ - ˁ .0 *+8ˁ.+ + + - ˁ - * - 0ˁ 62ˁ50 +.40 ,ˁ
52 0 ˁ 6.3+0ˁ 6.6 - ˁ.4ˁ .:. +*.ˁ4.6ˁ 60 .8ˁ3+ 2+8ˁ40ˁ0.ˁ *<+ .ˁ0/51 6+".2.6ˁ50ˁ
602.63+0ˁ,1*<+*4 8ˁ 0,+ - ˁ:16 8ˁ.5+4ˁ 090 - ˁ * 6. 0*6ˁ+6ˁ,+ - ˁ0<+8ˁ21*.ˁ9 .6 .ˁ40ˁ +7ˁ
* 1ˁ067+<+ - 14 ˁ3+ 06 8ˁ5+2" , .050 6+ 2.61 2+8.,ˁ 09 5 + - ˁ04 41 + - ˁ: 1".61 , +8ˁ
* 0 6.851,*.8 + - 0 0ˁ 2 " 00 06?ˁ(04*1*ˁ4 +ˁ<*ˁ5 151 661 606 6<*1: 8ˁ.2ˁ+/1 0 3+.0ˁ
.4+ - ˁ0/,+ .2.6ˁ06ˁ0.40 - ˁ3+.0ˁ5 +8ˁ.ˁ 090ˁ - .9* 6,0ˁ55"" ,02.6+ ˁ" 60 8ˁ5".,.6+8
0,ˁ - +"61ˁ 51 6ˁ *0ˁ0/ˁ5 1 + - ˁ" 60 . + - ˁ1,,. 1*0ˁ 08ˁ *ˁ 3+ 6.* .ˁ6+ 2. 0*6ˁ .4ˁ
.:. + - ˁ 0 0 576ˁ06ˁ1 - * .ˁ *ˁ(056 - .* .ˁ5.,.6.ˁ0 "0ˁ. - .; 6ˁþ*0,ˁ0 "0ˁ0+ ˁ12ˁ
+* +8ˁ + * ˁ60 - 0 0ˁ .4+ - ˁ 08ˁ *ˁ0/0 - 5"+ - ˁ.2ˁ." 8ˁ6 .7 ˁ4020 0 ˁ 02 0 00*60ˁ* ˁ
7 "1 - *+8ˁ 0 ˁ . - . ˁ5. " - ˁ *ˁ7(.*61* 2+8ˁ4 $ 41* 2+8ˁ.4ˁ. - .ˁ+6 *3+0ˁ,1*,". - . ˁ
6+ - ˁ06ˁ?$0*6 + - ˁ 1 .*+ - ˁ 0 5 *+ - ˁ%.". - 1*6 + - ˁ.4ˁ - . 0ˁA.,151" 8ˁ06ˁ . ˁ
.*+ - ˁ.ˁ$ 160 6.*6 2+8ˁ5 16 *+8ˁ10,+5.6.ˁ06ˁ5 .0" 4 1ˁ - .6.ˁþ0/ˁ3+ 2+8ˁ 0 5 *+ *ˁ
06ˁ%.". - 1*6 + - ˁ 6.6 - ˁ 0,056.ˁ +*6ˁ *60 041ˁ06 . - ˁ.ˁ 09 8ˁ 1*,. - 5 1ˁ . 1"+8ˁ
1."4+8ˁ .*40 0+8ˁ50 ˁ * 0 1 .ˁ$ 41*+ - ˁ4 0+ 0*8ˁ,+ - ˁ.4ˁ*?E. *.,7 . - ˁ+ 3+0ˁ
0* ,+ - ˁ(.2.+4) - 0 - 1 1 ˁ06ˁJ .*, 0.0ˁ 1.*.0ˁ " - ˁ,1 - 5+" "06ˁ.4ˁ 1* ˁ
6.,+6) - ˁ 0ˁ 0,05 6ˁ .,ˁD%.". - 1*6 + - ˁ.4ˁA. . - ˁ*1:1ˁ5 .0" 4 1ˁ - .: 6
& ˁ ˁ4.6 8ˁ ˁ5 1: *, .8 09* " 60 8/: S." (056 ,+ - .47+, +606 .00 "06ˁ
,1 - 6 .ˁˁ "10 8ˁ.4ˁ - 04 + - ˁ 1:0 - 2 0 - ˁ *4 /0 .6ˁ 1ˁ 0 0ˁ60 - 51 0ˁ "10 .8ˁ:0* 6ˁ
,+ - ˁ 09 *.ˁ06ˁ ˁ *4 *1ˁ .6 0ˁ40ˁ,+<+8ˁ *ˁ.+". - ˁ.4;0*6+ˁ,+ - ˁ.*60.ˁ4+2 6. 06+ ˁ 0/ˁ
5 4 1* ˁ 1: ˁ.*603+. - ˁ +606 .ˁ4 0040 06ˁ4 5"1 - .ˁ.4ˁ5 1: *, . + - ˁ5 .0 0418ˁ
, - 0 .6ˁþ3+1ˁ06ˁ 1" 46+ - ˁ5.48ˁ,1* 6 6+,74.0ˁ 6+4 + - ˁ,1*60 6.2.6+ ˁ06ˁ 0ˁ02ˁ,1* ˁ
" " 1ˁ,+ - ˁ .6 0ˁ *4 *1ˁ "10 .8ˁ.4ˁ,1 - 6 .ˁ 09* ˁ ,0"02 .*4.ˁ60 - 51 0ˁ,1*4 41ˁ5 1 ˁ
04+ . - ˁ40* *, .2.6ˁ 9 6+ ˁ+2 ˁ:0* 6ˁ 5.6 1ˁ1 4 *+ - ˁ40"09.6 8ˁ.4ˁ - .*4.6.ˁ +.ˁ
*"5 , 0*4.ˁ06ˁ *60 ˁ 0ˁ ,1 - 5. .*4.ˁ,1*00 "2ˁ51 6ˁ."60 , .6 1*08ˁ *60 ˁ018ˁ +21 6.8ˁ
40ˁ1 4 * 8ˁ *ˁ 0 " 1* 2+8ˁ5 .0 19+6 :. ˁ .,ˁ51 62.ˁ *ˁ 09 1ˁ,1*" 61 1ˁ40, .8ˁ 6* ˁ
9+" 8ˁ"1,.ˁ,0 6.ˁ3+ 2+8ˁ,1*:0* 0*6ˁ. " 9* .*6+ ˁ (.,0 ˁ 41ˁ *ˁˁ(ˁ(.":.61 8ˁ.040?
*12 " 6.8ˁ *ˁ+ 2 8ˁ5.".6 1ˁ5"020 +8ˁ 41ˁ *ˁ5+2" , 8ˁ.04 2+8ˁ ˁ 1* ˁ 0, ˁ5 7+ -
,1*:0*0 +*6

ˁ%ˁ ˁ$ˁ ˁ? " ˁSˁ1 / ˁ ?ˁ0 #ˁ 1$ˁa] ˁ ˁ ! $ 21 ! ˁ2- 2ˁ4 6
*ˁ # ! ˁ !)ˁ ?; !#+ˁ ' # ˁ ˁ0 $ # ˁ ˁ./ ˁ 0 !)$ ˁ ! ! ˁR?
4 + ˁ 4 +0ˁ " 0 ˁ+ˁ ˁ?:-/ ˁ / 0ˁ% 0ˁ7 ˁ $ˁ 35 .' ˁ ˁ
" ' ˁ ˁ5 ˁ3 , ' ˁ ˁ $ ˁ ˁ-ˁ& ˁ ˁ% $ ˁ 2
? & ˁ + + 6 * ˁ ˁ ˁ&ˁ

& ,1*:0 06+*6 0 * 51 " +55" ,.6 1*08 50 + 20 - 5+2" ,0 ,0"02 .6.8 06 , +7 . *
) ""24 46. +6 08 20*0 ., 0" , 60 :0 60 06 : " 4 0<+ 40 - - 0* 8 . + - ,1 - 6 1 + -
* 6 + - 1, 1 .4 4 * . ,0 5. .61 0/ * +2" - "1,1 +2 + .* ,1 0402.6 .4 40/
6 . - * . 5 + - 09 *. 5. 0*8 06 + +8 * 0 +8 . 1"+8 ,. 4 *." 8 1 21* *8 J .*
0 ,+8 06 . 1"+8 1 21* .6 08 +41: ,+8 1 21* +8 1*50* 0 .0 4+/ 06 J .*
, ,+8 0" *+8 5 *,058 " +8 $7 " 55+8 - - .*+0" 167. *9+8 0 ,+ 4+/ "1
.0 09 *.0 .60 . 1"+8 167. *9+8 04+.*.0 4+/ E+ 3+ .20 .6 .60 N 06
.60 91 01 + - A.,12+8 U +" 1" +8) 6 ,0*" + - 4 + / .4 ".0:. - 0402.6 09 *. + /1
06 5.+"1 * . 0. * . 1"+8 (,. +8 *91*+ - E.2 0" 8 E0*0* 8 .14+* 2 0
J+ - .0+8 0""1:., 05 ,15 06 J .*, .0 5. 08 * - 1 509 - .60 0 .6 0*.6+8 I .9+8
,.*,0"". +8 6 .* 6 8 * . 4 51 6 8 .4 40/6 . - ., 4 * 8 40"09.6 .4 ".0:. - *1B
2 " 6.8 06 * . 5" A0 +8 1 41 0402.6 %+ * 0/ 1 4 6+ 1 .6 1*0 . A1.**0 1
: ""0 1 +6 , 04 6+ ,1 - 51 6. < G+. 40 ,.+ . ,1*:0*0 *6 ,+* 6 8 0/ 09 8 - .*4.6 8
,1* 6. 0 06 6. 0/ 6 - . 0 5 18 5"0*0 . 5 1: *, 8 + 8 * 6 + 618 7+0 .,,0 " " 0 0 0
018 3+1 * 6.6+ 0/ "1 0*6 - 1 06 5160*6 " - 1 616 +8 1 2 8 09*1 08 50 20" . ,
: " . 40:0*0 *6 0 50*6, : 6 1 + * ,1*6.9 1 3+ 2+8 616+ - ,1 5+8 6. ,/+",0 .6+ -
"6 +6 *+""+ - 5 +8 - 0* 2 + - *609 + - .+6 .*+ - +50 6 ,6 5 6 *.0 5 06.6 8 *
0+ - <+ 6 6 ., +24R1 + - ,1*,1 4 .0 . - 5 8 06 12 0 :.*6 .0 * ++ - 5 *, 50 -
: / + - 2 .0/606 : / +""+*. + 3+. . .55. 0.6 :0 6 9 + - 3+1 - .9 8 41"0 0 : ,0 - + . -
.4. 60 - 51 + - 09 8 5. 0*6 8 06 .: + 01 - 5. .6 1*0 +2 3+ 2+8 7.0 : 6+608 E. ""1
+ - 5 15 .0 : 9+0 +*6 3+.0 *+*, 5 1 +8 * .* 7 8 71 - *+ - 0/6 *4.0 ., 50* 6+8
.21" 6.0 +*6 013+0 4 9 .: +8 2 .,,040 0 3+14 :+"9+8 5. + - :0 0 08 50 5 , 0*8
,.". - 6.6+ - ,.+ .8 0 0 * 5 *, 508 0< , .6 06 :0"+6 * <+8 3+. 51* 1 08 018 50
* 3+0 :1,. 0 1"0.6 :0 - . 2 1".6 "1,1 0 "0 21*. . ,1* 0 0*6 . - *. . 3+14
1 - *08 *1 +*6 - 20,) . - . 1"0 .6 8 .06.60* 7 8 50 09*+ - 6+ 2 8 ,.+ . - 40
4 "0 3+.8 5 +40*6 . 1"0 6 . 5 6 0*6 . 3+.*6+ - * 0 +0 6 156 - . 5. 0*8 4
,+ 0 6 ,10 ,+0 6 ., ,1 - 51 +0 *1* 6. 6. - 0* !*. - 3+ 0 ." 60 516+ 6 A@ +6
1 6060 - . 01 + - 0 - *. 0 - .* 0 66 < 3+ 2+8 06 5 0 3+. - 5 - + - .4 41*0. -
.06.60 - 50 :0* 6 5 1 .6 1*0 1 , 06 12 03+ 0 - 04 . 3+.0 516+ 6 ,1* " 1 06 - .*+
.66+"0 6 09 * 20"" 8 3+.0 90 6 - ./ - 8 * 0 : 0*8 *0, 50 ,+"+ - +""+ - 40 +
9 0*8 .+6 ".21 - 1"0 6 .0 ., 1 , 6+4 * 5. ,0*8 +6 08 0 51"%06 . - ,0 3+14
0 - 50 0/156.:0 6 6 .* 90 0*6+ 4 S 60*6. 0 .05 +8 .*603+. * * $1"1* . - 5 1
, 00 06+ 06 51 63+. - *40 04 0*8 09*+ - 5.6 + - , 0: 6 1 - * .6 1*0 0* /+ -
0 0 04 ,1*6 . :16+ - ., , 4<) 0 +6 .4 0/6 0 - . ,1.4+8 40:0*0 6 06 616 08 +*0 6+ -
20""1 + - , : " + - 0/ 6+ - 0/50 6+8 . - . + +8 + - 5 0 6 20"" 3+0 + - 56 2+8 +6 .
6 8 .,0 06 515+" 8 4 6 1* +.0 +24 6 8 3+18 1*0 2+8 "0:R18 - ."02.6 *1:. :04
9." . - 51 +0 6 4 :0 1 "1*90 .,0 2 - + - 2 + 0 ., 50 .050 156. 0 +6 516 +8
:0" * "1 0 .06.6 8 2 : 6. 5 .0, 40 06+ 3+. - 0. 40 - 3+.8 5+06 +2 .6 0 5+, 1
:. 6 6.608 : 4 "06 0/ . 5 ,0 0 ,190 06+ :0 + - 0. 4+, . + 60*6. *1* * 71, 0
.4 09*+ - :1,.6+ - .+6 ,.5 6 09 . - . 01 ,1 1*. - - 55 6. - * 515+" 50 *
, 0 - .+6 6.*3+. - .0 +.0 : 9. - 0056 + - * - .*+ - 6 .4 6+ - 04 +6 0 5 .0
5160 6 8 .4 5 +8 9"1 . - 20*0 , 1 + - 4 50* .61 ., - * 6 .61 515+" 8 4 6 1* +.0
+24 6 8 0 "06 5 1 *40 60 6. * 7 ." +4 2 5 151 6+ - 3+. - ."+60 - 5+2" ,. - 06
09* 6 .*3+ "" 6.60 - ? 0. 5 1560 "0* 6.6 8 ,6 5., 8 *60 ." 0*.618 , :0 8 ,1*, " .*4.0
: . -

% $ 4 . 6 5 ..
D 0 * # G& $ 6 (5 $ 0 + $+; - 06 , $
V6 (5 ! . $ G 6 (% 6 * / % 6 $
% I E. ""0* 8 4 . 8 + $+; 0 ^ *0 - 1+ .6 3+0 "0 .C 40 A+ * ' n i & 6
1 - 50 4.*8 ,06 0*4 1 6 $ A E0*0." 4+ $ (- 5" 40* &1" C $ +6
0:63+0 40 .1* 3+0* ' n .5 08 "0 400 0 40 & " 0 & % $
% $ 3+ 0 6 1+:. . ,08 6.68 60*+8 . "1 8 I

))(ˢ #ˢ ('i'

: . -ˢ+6ˢ256 - . -ˢ . ,ˢ6+6 " - . -ˢ40<09 "0ˢ< 3+.ˢ +2".6.ˢ* 7 "ˢ -+ *ˢ * 7 "ˢ 6.2 "0ˢ .+6ˢ &ˢ
+ 1 -ˢ *ˢ 7 8ˢ E1 - 6 8ˢ 40,0 *ˢ 51 "0ˢ 4ˢ 5 .06, 65 - -ˢ - ."1 - -ˢ0/50 - 0*61 ,+8ˢ)ˢ
.6 8ˢ,1* 6. 0ˢ ' 3+ 2+8ˢ * 7 "ˢ ." +4ˢ .4+ -ˢ 6ˢ 3+. -ˢ+6ˢ 50ˢ 20"".ˢ, : " .ˢ 0" 9 1ˢ - .<1 + -ˢ
5.0*0ˢ. - ".ˢ 6ˢ06ˢ 09*ˢ 6.6+8ˢ.ˢ +*4. - 0*6 8ˢ1 - * *1ˢ,1*;+" +8ˢ 6.3+0ˢ1 - *0 8ˢ1 . 0ˢ
50ˢ 40 -ˢ 06ˢ 12 03+ + -ˢ 3+1ˢ *9+"ˢ 06ˢ +* :0 ˢ5 *, 5ˢ +1ˢ<+/6.ˢ 0ˢ5 .0,056+ -ˢ
12 6 4ˢ +*6ˢ 50ˢ ,7. 6.60 -ˢ 0 9.ˢ 5.6 . -ˢ +6ˢ 1 - 7ˢ 4051 6.ˢ ,+5 4 6.60ˢ ." ,*1ˢ. ˢ
04+ˢ 06ˢ 5 : .6.0ˢ *<+ .0ˢ 0* +ˢ *ˢ 4ˢ 1 - *08ˢ *,0 .ˢ.* - 1 + -ˢ,1*<+*4 1*0ˢ 06ˢ :1ˢ
"+*6.6+ -ˢ ,1* 0* 170ˢ *,+ - 2.*6ˢ +6ˢ *ˢ 0 - 04 8ˢ .4 *:0* 0*4 8ˢ 5 *, 5ˢ 1ˢ - +6+.8ˢ
150 .8ˢ 5 .0 60*6k 3+ 2+8ˢ 5./ˢ .03+0ˢ ."+6. 8ˢ.,ˢ*0,0 ". .ˢ - . ˢ20""1 + -ˢ , : " + -ˢ
.,ˢ4 "0* 1*) -ˢ 0 - *.ˢ 6 5 6+8ˢ 0:0"" ˢ - 1 08ˢ ,1 +56ˢ 0 - 0*4. ˢ : 6 .ˢ 0/5+ 9. ˢ
"0908ˢ *ˢ5 6*. -ˢ *609 6.60 -ˢ .,ˢ4 9* 6.60 -ˢ 0 6 6+ˢ 51 *6ˢ 71, ,+50 0ˢ71,5060 0ˢ
71,ˢ : 0""0ˢ ,ˢ.+6, -ˢ 0ˢ. J,4+ -ˢ0 "0ˢ +6ˢ ,+ -ˢ 09 + -ˢ . 6 9 + -ˢ 01ˢ. , ,056+ -ˢ 0 .6ˢ
5160*6 .ˢ 2ˢ ,+ - +".6 - .ˢ4 : *.ˢ207 9* 6.60ˢ ,1*,0"%.ˢ - * - 0ˢ .2+6ˢ : 0" 6ˢ 3+ 550ˢ
3+ˢ , .6ˢ ,1 - - ˢ - +*0 8ˢ 2ˢ ." 3+.*41ˢ 0440*4. -ˢ .6 1*0 -ˢ ,ˢ :0 1.5+4ˢ .*ˢ
- + -ˢ +*ˢ ,1* 6 6+ 0ˢ3+14ˢ 06ˢ :1,0ˢ609 .ˢ*+*,ˢ,1 . -ˢ+* :0 1ˢ,106+ˢ5 1 - 66.6ˢ+6ˢ
3+.0ˢ.ˢ 0ˢ 6.6+6.ˢ40, 0 .ˢ .,ˢ5 .0 , 56.ˢ0/ˢ,1 - 6 1 + -ˢ 0*60*6 .ˢ +0 *6ˢ0.ˢ1 - * .ˢ *B
: 1".60ˢ 0 :0*6+ \ˢ*0,ˢ5 : "09 .ˢ 8ˢ40 19.*6 .ˢ.+6ˢ,1*6 . .ˢ *ˢ51 60 + -ˢ,1*,04.*6+
$0 1 .760 -ˢ 090 -ˢ 0/,05 6ˢ 0*.6+8ˢ? .9+8ˢ, .*,0"". +8ˢ 06ˢ 51 63+. -ˢ .06.60 -ˢ06ˢ
0 + -ˢ*1 6 . + -ˢ3+14ˢ *ˢ + - - 1ˢ - .9 6 .6+ˢ5+40*4+ -ˢ 0 .6ˢ 9*1 .*6 . -ˢ, .+ .6 8ˢ
0ˢ * 6 1ˢ0/,+ . : 6ˢ"1*9.ˢ* 7 "1 - *+8ˢ06ˢ6.04 1 .ˢ1 .6 , - 0ˢ66 - "6.ˢ40ˢ.+41 6.60ˢ.,ˢ51ˢ
60*6 .ˢ 09 8ˢ 5"+ .ˢ40ˢ 09 *.0ˢ,+ .ˢ5 +40*6 .ˢ. ,ˢ *9+". ˢ *ˢ 09*ˢ50ˢ616ˢ.**18ˢ ."+60ˢ
5 1,+ .*4.ˢ 6+4 1ˢ 4 / 6ˢ 06ˢ .4ˢ 0/6 0 - + -ˢ ,+*418ˢ .4ˢ *. : .*4. -ˢ 09ˢ *ˢ ,1 . - +*ˢ
09*ˢ, .+ .ˢ 150 . -ˢ71 6.6+8ˢ0 6ˢ %+ *ˢ.ˢ6 + -ˢ 4 *+ -ˢ40"09.6 8ˢ.4 .0ˢ 09ˢ9 .6 .0ˢ<
,6 4. -ˢ5 1ˢ 0ˢ3+ 3+0ˢ150 . -ˢ51"" , 6+8ˢ0 6ˢ.,ˢ 0ˢ,+ .6+ 18ˢ+6ˢ 09*ˢ : 161ˢ3+.*6+ -ˢ
,* 6ˢ 51 %0*6ˢ 0 51*40 06+ ˢ 6.ˢ .41ˢ,1 - 6 8ˢ * 6 1ˢ,+ -ˢ1 - *0 8ˢ *ˢ1 , 1ˢ - .*ˢ
+ 18ˢ 0/ˢ,1* 40 06ˢ51 6 4 0ˢ1, ,+"6ˢ 1040 8ˢ4 :0 18ˢ3+. -ˢ5+6. : 0 .6ˢ. 04+8ˢ 0* 6
. -ˢ5"020 1ˢ 4 *0ˢ5 .00+*60ˢ.ˢ40"09.6 8ˢ40, 06+ -ˢ0 6ˢ+6ˢ 0/ˢ.*60ˢ1 - * .ˢ 19. 0ˢ
6+ >ˢ *4 ,08ˢ4. 06ˢ 3+ˢ40ˢ 8ˢ 3+.0ˢ .2ˢ 4 7 2+8ˢ,1*<+*4 -ˢ.+6ˢ 05. .6 -ˢ5 151*0ˢ
0 6+ ˢ .47 2 61ˢ+*1ˢ0/ˢ *9+" 8ˢ 4 * 2+8ˢ *ˢ+*.3+.3+0ˢ5 .0 04+ .ˢ ,19*1 ,0 0*6ˢ<
" ,0 063+0ˢ "" 8ˢ,1*6 .ˢ<+4 ,08ˢ4.618ˢ ˢ3+ˢ + 504ˢ0 "0*6 .5+4ˢ 090 -ˢ +55" , . 0ˢ3+14ˢ
&0 1ˢ.2ˢ "" 8ˢ <+4 , 2+8ˢ +*.ˢ,+ -ˢ40"09.6 8ˢ 4 *+ -ˢ 40,0 *0 06+ ˢ - + *ˢ .6+ - 3+0ˢ
0 "06ˢ06ˢ "09 8ˢ : 91 4 *ˢ126 *0 06ˢ G+.ˢ 0ˢ 0/ˢ." 3+.*6+ -ˢ+6ˢ5. ˢ0 .6ˢ.* - 1ˢ50 ,+" +8ˢ
6 4+1ˢ51 6ˢ - +"61ˢ - .9 8ˢ,1 - - 16+8ˢ0 6ˢ,+ -ˢ$06 +8ˢ7(5 *. ,+8ˢ. ,7 05 ,15+8ˢ +94+ˢ
0 8ˢ . , ˢ 4 * 8ˢ *ˢ,1 - 6 8ˢ "" 8ˢ5 .0 08 *<04+ -ˢ 2 - 0* . - .4ˢ3+. -ˢ40" 20 .ˢ
6+ +8ˢ 0402.6ˢ2 0: ,+"+ -ˢ 06+" 6ˢ3+1ˢ - 1*02.*6+) 6ˢ.ˢ 090ˢ - 506 . 0*6ˢ3+14ˢ,1*ˢ
,1 4 2+8ˢ 4 *+ -ˢ + .9 8ˢ40,0 *0 06+ ˢ 4ˢ .6+ -ˢ0 "06ˢ' *ˢ3+1ˢ4 40 0*6ˢ 4ˢ.ˢ 090ˢ
0/ˢ 09 *.0ˢ5. 0*6 8ˢ 09ˢ .*9+ * 8ˢ5 *, 5+ -ˢ06ˢJ .*, .0ˢ5. + -ˢ06ˢ/ ˢ 4 *+ -ˢ40ˢ
R9.61 + -ˢ 0*60*6 .ˢ40, 40 06+ ˢG+14ˢ,+ -ˢ.ˢ 090ˢ - "8ˢ0ˢ +1ˢ 4 *0ˢ,1 . -ˢ 09 *.ˢ
5. 0*6,ˢ06ˢ *4 *1ˢ506 "06ˢ 60 - 50 .60ˢ.ˢ 090ˢ 0 515 + -ˢ + 6ˢ' 3+. - 5 - + -ˢ51 6+ˢ
A.6.ˢ 4 *+ -ˢ .4ˢ 0ˢ."".6.ˢ0 "0*6ˢ .4ˢ0.ˢ 0ˢ0/ˢ,1* " . 1 + -ˢ +1 + -ˢ 0*60*6 .ˢ 0 51*ˢ
+ + -ˢ06ˢ ,1* " . 1 + -ˢ*3 - 7.ˢ04 6+ + -ˢ5 .060 0.ˢ 20* 9*0ˢ / *ˢ 0/ˢ +*13+13+0ˢ
4 *0ˢ40"09.618ˢ.+4 6+ + - . ,ˢ +50ˢ01 + -ˢ506 6 1* 2+8ˢ0.ˢ40, 06+ + - 3+.0ˢ *9+" 8ˢ
06ˢ+* :0 8ˢ .6 8 . ,0 0ˢ4020 0*6ˢ G+14ˢ.4ˢ+"6 - + -ˢ51 6+".6+ -ˢ +6ˢ 40ˢ3+1ˢ,1*,1 ˢ
4 2+8ˢ 4 *+ -ˢ : 16 8ˢ,1* : 0* "06ˢ 4ˢ 0/ˢ .6+ ˢ7.20 86ˢ1 - * *1ˢ 0ˢ . 6+ + -ˢ50 0ˢ
9. : 6ˢ' 3+ 550ˢ3+ˢ*0 , 06ˢ 3+ ˢ ""ˢ.ˢ 0ˢ506 6+ ˢ0 "0*6ˢ 4ˢ. 6+ -ˢ5 4ˢ 4ˢ 0,ˢ
3+14ˢ,+ -ˢ.4ˢ.* 9 + -ˢ 0/ˢ 0:1, . "06ˢ3+.ˢ0 .6ˢ 790* .9. , 6.60ˢ ."6 +8ˢ .5+4 050 ˢ
50*40 0ˢ,105 6 3+1ˢ*1: ˢ 1040 8ˢ,1* " .ˢ60*40 0*6ˢ'* - + -ˢ+6ˢ6+0*4.0ˢ 0" 9 1* 8ˢ
50, 0ˢ + - 56 8ˢ. - 8ˢ 09 .ˢ - .<0 6.8ˢ *ˢ1 4 *0 -ˢ,190 06+ ˢ06ˢ6 .* ".61ˢ,1*6 .ˢ 09 8ˢ
ˢ >ˢ ˢ : 1"+*6.60 -
$,ˢ 2ˢ ˢ% ˢ ˢ]ˢ+% ˢ 6 (ˢ ˢ50
$) . ˢ ˢ 0ˢ Uˢ *

&6'61"+*6.60-' 6"."+-'%+6 -1'. -1 .- -50 1'A09 6 -' -.9 6 .6+8' R<41 6.8' 0*6' ,+8' "" -'.21"0 06+''3+14'06'<.-'6+ *', ',1*<04. 06' .9./'5 *,058' 06' 5 +40- A "<% +8' 3+ 3+0'6+ *':0 1'50 * 45 ',1* '-+"61'-.* 0 6 +8' * "4 .0'5.6+0 0'04 1' ' 4' 606*5+8' .'$-60 6. 4 2 8' %, 561'3+1' -.*4.6.'1,,+"6.'.4'51*6 ,0-',1*6 *02.*6+' .2'. ,7 604 8' "" +8' 1040 8',1* . , *.6.' ' ' ?

& ' ' '+' ' .61', .c' ' .: 4' 6',+ .'$. ,* '.4;1,.6+8' 71-1'5 1 6 6+6" 5+41 8' .,' 40'p3+'-.". +-',.+ . +-' 0 0'5.6 1 +8'",+6'.',+ 1 8'12 0 ;.6+1' 0 6'*+*3+.-'5+2" ,0'50 1 .: 6'3+ *'.4'-+"4.-'4.-*.6+8' 66'3+14' 9*1- * 1 +-' *' 0*.6+' ""1' 06' *60',+ .0'.4:1,.608'7.206+ ' 8'."3+1'4.-*1' .'$ 160 6.*6 2+8' 50'20"".', ; " .'. 04+8',+-'.2'0<+8'50 0,+6 1*0'04 41 +-'.+41 6.60'5 17 20 0' 6+ '+"6 1*,'. 40*8',+-'."+4'*1*'51 "06' 1040 .6 1* 8' 0, 06.0'.+41 2+8'150 .*< +.-'+"6 1'.44 / 6''06'0140-' 0 0'60-51 0'3+1'$06 +8'E1*4 +8'05 015+8'$. 0* 8' [illegible] .4'51*6 ,0-'.' 090"09.6+8' . 6'06' 5 0' 1-.-'5 1 04+8'0 6' .*4.61 +-'.+60-' .: 4 8'7.0,' +--.'0 .6'* 7 "7.40*+8'20"" 8' +50 16 2+8'.+6'5. +-' *' 09*1'5 1' 04 -'0 0'p6.*6+-3+0' 4'.4+-'+6'51 6."' ,0*6 .0' 0 20*4'06',1*6 .' .*4.-' 040-' -."04 4.' 0 0*4'.50 6.'0.'" 2, 6.60'(04. ',1* -. 0*6+''06'5 0 3+0'06 .-'0/' 8# 3+' ., .'-.<1 +-' ,3++*6+ ' *',1*60-56+-'06' 40 1*0-' 0 +- '"., . +-'.44+' ,0 0*6+ '*.-',+-'7.40*+8': 41 .8' * +4+1 .8' 9*1- * 1 .'5./' 5"'; 461 ' 09" 06',,,"0 .,'4.-*1 .' 0 0' 0,+6.' 66'0/'01'.4'+"6 -+ *',+*4 8',1* 6 6 60' .50: *918' *1*50 *40'+6' *', : ? 09*' .4- * 6 .6 1*0' . 1"1: *9 8' +,,0" 0 +*6< ,20*, ' 4 4 1* 8' 51 61 ,.0 3+.0' . 1"1: *9 8' 1 8',1*,0 .'0 6'"09 6 -18'70 0408'0/6 6 "0' 3+ * -1' +91*0-'+ + 5.61'60-0 . .'.+4., .' 09*1'*1*' 1"+-'E. 1"'20*04 4 1' *0-'; 1". "0' 04'4 .8' *',.5+6' ++-'06' +1 +-' .,,0 : "0'3+14' 5 +8' +,,0 "2 08' %0-50'0,,"0 .0' 0 .4. 18'06' *1204 0*60 8' 044 40 6 '06' *'0<+8'50 * , 0 .'.21- ' *.*4+-'0 1 0-'3+0-' .*,'" 20 6.60-'0,,"0 .0'E."" ,.*.0'.550"".*6' *:0/ 60' 06' "2 9,1 +-'.,'5.+50 *-' +94+*0* +-'1" -'+* ,+-'50 +9 +- '4, *' +670 . ' *1 +-'.,'*+*,' .": * 6. +-' + 60''3+1'- *+8'- .*4+-' 6' ': 41 .0 /:<.2' < *,.** 8',1*6 .'$ 160 6.*6485. 6.0'0/ 6+,. +0 *6'06'51 1',. 6+ .0' *6'3+.-' 4 +' *' .50: *91- -' .- " .' 09*+*6' +, 6' :0 +-'0* -':0 1'1,,+"6.' 0"5 1, B 40*6 .'0 04+-': 40 '+6' * 0", '+"6 -.0'5. ,.6 1* 8'5. 6+' ,9 6 7'5 *, 508'.,' :0 ' . 1"'*..9*' +,,0" 1 08'3+. '51 6" - * 1' 0 6 6+6' *6'33'1-*08'.4'- * -+-' + 3+0'%0-50' +--.',1* 6.*6 .' *' .*4.0' 04 812 03+ 1'50 0:6 . +*6',6' 0' 0' 5"'.' "09 6 -18'20*04 4 1* 8' 51 61", .0'70 0408'.55 12.:0 +*6' ,1*6 . ';0" 5 1'1,+"1' +-' 0* +',1* 6. ,' .50: *918' *' 0* +-' 05 12+-'*, 4 %0'5.66 -';0"+6'.661' * 618'.,' 6+51 0'06'2 +6.' *0 6 .'50 ,+""28'5. 6 -'.' 01'06'71- * 2+8'12' 04. +-' , -0*'4.-*.618'<5 1", 5618'06'.' .*4.'0,,"0 .0',1--+* 1*,'1* * *1'.:+""28' ' 40' 0 "0' +6'.44 . +-' 40-' ., 0*4.-'5"0 3+0'0/')8'-."0'*.6' *6';."06+4 *. ' 0 0' -+"6' *' 5 1'.0:' "1 0'40,0 "0 *6'*1*' 0" 4 8' +,,0 "2 2+8' '*0,'018'3+' +50 ' +*6'-0" 1 ' 500 "0''06' *070 04 2+8'0/' 090* 6 840,04.*6'*0,0 "0'0 0'+6' 09' *+-' .4'(04 18'4,;1":.6+ ',1'-.9 8',+*4 8':0 8 .671", 8'0* 60*4+-'0 0'*,' 6.-'5+",7 .'1,,. 1'3+.-' 0+8' *-.*+84.6'5 .,60 - 66.6+ '.6' 09*+-' 51 61",.' 20*04 4 1*0',+-+".6+-' . 1"'-.9*'51 60 6.6' 0 6 6+.6+ '3+.0'+6' *90 1' ,'06' ,1 51 0' :.R6' -.9* 8' 02+8'06' .+(0*4 8'06' ., 0*4 8'5.'' ,18'7.40*+8'71*1 2+8' 4 9* 6.6 2+8'.,'6 6+" 8'50'. -.'.+ 18', : "0''06'*+*,'01' 0N 40:0* 0'+6'50'5.,0-'l *'.: 6.-'51 , 1*0-'+*40' *<+ 1 0'1" -'40<04' +*6',1* 1*, 0*6 2+8'515+)' + ' 9 8':1,.6' 0 6 6+.*6+'' 5 1 *40'4+2 6. '*1*'51 0'.-5".8'. 01'01*4R 1.08'+"B 6 -1'04 41(04. 8'1,,+"6 a',10"' * 6 *4+'*1*'71- *+-':1"+*6.60',1*,0 ".80 0' +6'".+8'40,+8',6'9"1 .'7+<+8'50 6 8'5 1 9.6.0'50*08' 0+-' 1"+-' 6'06'"., <5 +8':6' ,. '20*44 4 1*0-'' 3+14'+6',1* 0 '51 " 6' *60' 1044 .618',1*:0* 0' 5 ,28

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'6 2 2+8' 50 ,1, 1 - .61 08' ,1*4606+ '3+1 " 2Z .8' 01 :0* 0*4' (0, . 8'04 41 (% & '
,1*,0 ".'5 17 2, .6+ ' 0/' *6, 0.' 59.2 6+ '+6' .4 *16+8' ""18' ,1** :0.6'0. + - 3+0 ,+8' ")%
0 + -'1 - *0 - ' ,+ . -' *'EZ + - ' ,". - 6 .*8 0 ." '<' 33 '4 < - +".6 1*0' ,9 8'.*4., 1 '
044 Z8' 1, ,+"6.' 1040 .'. - '*12) 6.60' ,6' + 2 238' ,06 ' 01 3+0' 1"0 - * ' ., . - 0*61'
':0 2.' +.'.4 906 ' 6.'+6' +) + - '.) 3 - '3+. - ' 0 ' 1040 8' 4,0 - '51 1' *6.9* 6+ :'
+ .2 6' E+ +8 '+6' ,+ 1*08' *'+ 2 2+8' 06' *'.9 1' - .6 ,+". *' ,1 + - '3+ '. - .' 0 0
?5160 +*6' ,1* , 2.*6 '0. - 3+0' .4' 5 + - ' - 66.*6 ' 3+ ' : , - ' , , ; + 1*08' ,". - I'
- 6606' 8' 5 .0 +6+ 18 '3+ '06' .' ., , 416 2+8' *' ,1* 0 1* 8'. , .*1' 0" 9 1* 8' 6+0*4.0'
5 .060/6+' .4 - 1*02+*6+ '3+ 2+8'. - 8' +6 '06' 3+ 4' . ,0 0' 155 60.6' *60 0.' *4 ,0*6+ '
,1 - 6 .' 1:0.'.'5 160 6.*6 2+8' 0 J1 ".'06' *'3+. - '5 - '5 '5 .0, 5 6.6+ ' +*6
3+0' 50 '5 1: *, .8' - .*4.2 6' +6' : ' - .<1 + - ' 0" 9 1* ' .44 ' ,+ - '5"0* 8' 0.' 40' ;0'
Q - .*4.6 8' 40"090*6+ ' 43+0' 50 '018' 4 " 90*60 ' ,+ .2 6+ 3+ ', ,.' 090 - ' +*6' 3+1 '
3+0' 51*6 ,/'06' 2 '06' 09' .671" ,1' .44 418' ,19*1: 6' $:0 .'5. 60' ;09 *.' .4'
') + - ' +* 1 0 - '50 4 6+ - '06', 1*0 - ' ,1*60*406 '0 3+0' 50 +.402 6' +6' 090 - '.4' ,1 '
' - 6 .' 6+ + *' ,1 - 606+, '4.2 63+0' 150 . - ' +6' .:. +8' 06' 1*4.0+.' 0140 - '.' 090'
' 7: 6.6' :, * .*6<' * " '5. 0.*6 6.*3+. - ' 020""08' 06' ,1*6+ - . ,08 4 *+ - '40, ,61' 5 1 '
+, 0*6+6' 6' +6' 1 - *0' 4+2 + - '06' , +5+"+8' 8' .4 - .6+ ' 0/' ,1 - 5. 61' E+ - 8' 0X'
.6 08' 0<+8' 3+. ' - ."0'.' 090' 7.2 6' .+".'.2 6 *025*6 '06' ,/ 8 +606 .0' 0" " (< "10 '
.8' "1,+ - ' 6+6 ' ., ,0"%+ ' 5 1 , ,06+ '3+1' .4' 0 < - ' ' *4 *+8' .60;' :0* 06 '06' 50 '
. - .*60 '.2' 5 1' ., '1 - * ' 20*0:1R*6 ., 'H* , .6 .0' ., , 5 06+ ' 55060*,0' ,1 - 2'
1 + - '60 - 51 0 ' 40"0 618' 0/' + 8' ,0*6+ 1*,8' 7.202+*6' <' 0/' 3+0' 0+ - ' *+ - 0 +* '
051*0*6' 3+0 *' ., ' 1040 8' 5 *,058' 40, 0:0 6' 3+ '"1,1' 06' 60 - 51 0 '3+1' <*2022'
+ ' 0' 60*6') 2 ' 4 708' "10 8' ,1*:,*0 *6'.*60' 1 - * .' <+ 0X+ .*426. - ', .5+6'
3+. - '" *9+".' - 0 - 2 .'.4 9, *6+ ' , .' 0" 9 1 0' 0 :. 0 '3+.0' 12' 4 * 2+8' 40,0 *0* '
6+ ' .4 90*6+ '06', : 6 + - ',1""09 .'06' +* :0 6.608' *' ,1 . - ' 0/0, +6 1*0 - ' + - 56*8'
*0,0" . 18' +5504 6. ,' G+.0' 1 - * .' 51*6 0/.+ X 1 6.R 51 61"60.' $ .9 - .6 , .0'
.*4 1* 8' *60 ' ., . - ' 040 .'06' 09*+ - ',1*:,* 6.0' 1 - .' , +6' 1" - ' *' 1*,1 4.6 8'
+ + 5.6+ - ' + 6' +6' ,1* - 06 ', * /0' 19.2 6+ '%+ - '.4' 0/ 6 5.*4. - ' .506 '90*60 .' '
06 .< : *91 + - 40 6 6+6 1*, - 4 *+ - '.+ 1 6.6' +2<, 0*4. - ' " ,+6 1" - ' ""<8'
<+ 8' + 6' *' 40*6' ,1 - 6 8' 40,0 - 06+ <' +6' " '3+ 8' 0/' 09 .' 6 50' 5 *,058 ' *12 " 8' .+6\'
." +8' 40, 06 8' 4 *+ - ',1*6 .' 0'. 8' +0 6' 5 *,058' 3+ 4, - ' <+ 0' *' 09*+ - ' +, '
,040*4 '0/, 4.6' *22 ",8' 06' ." " 1*1 2+8064 9* 6.6 2+8' 5 :0*6+/' 06', .5 60' 5"0 ".*?'
+ '21* 8' 5 1 + - ' ,1' .44 4 8' U.6 *'0/, , +6 1* 8' - 56+8' - 50 +"0*4 8 '3+ ' 6', .5 '
1'5160 +*6' 0 9 08' 01 + - '5.6 2+" 8'. 9.*6+ '5 .0 - 1' 8' 3+ ' ,1*6+ - . ,08' .55 0 '
7,*40 *6' 5 151 61' G+ 2+8' ,1* 04 8' 4 *08' 12 13+ '06' 40 ' <+8<+ .) 4+ - '3+14'
'$06 ' + , 0 "2 '402, * ' , *1:."/ - 6' < ., '5+2" ,0' 5 1" 6,2.*6+ ' - ' 414 .' ,1*
?',) 2% 40*6 *1' ,1 - 5 070* .' : :0 ,'06' - 1 '5. .618' 0 3+0' +2 1 20*6' 0:1, .6 8'
., ' 0 , 8' 3+ 2+ ,+*3+, '04 4 8' ,1*, " 1' ,1*6 . 8' 06' ,1* - .6 8' ., ' *'51 60 . - '
0 :. '<+ 8' 8' 3+.0' .' 09 8' - .<1 "2+8' .4' 0 .6 5.*4+ - 04. + - ' : +8' 5 1 - +"9.6.'
+*6' 6.' 0/ ' ,1*6 .' 40 - '04 4 '.'S' *'9 '.6 . - '$ 160 6.*6 + - ' .4 8' *60 51 6. - '
/0 6 6+06+ ' 60 - 51 0' "" 8' 5 .0 * 61' *6 .'3+14'.' - .9 .6+' 0, ,"0" . 6 ,1' .2"2<+6 5 '
' *0 - '5,6, 0 '06' .'5 *450' 40" 41 + - ' :, * . - ' - 506 . 0 '60*02+*6+ ' 6 3+ .'12' 3+. '
+*4. - '5 1; *, . + .' 020"" 1.0 - '. - 8' 15+8' 0 6' +55" , .2+*6' 09' 4 *08' 0+ - '
: + - '20""1' 5 ., , .6' 3+ + +' 0 + - '50 "5,4+8' ,1 51 006' *90* 1' :." 4+86.*6.0'
' - 1""5. 0/' 0 5 1' ,1*" " + - ', .50,0' 51"" 6' *00' +*3+. - '.+6' +" .' *' 0'. - , 6 .' 1, 0 '
6.60 ' .+6' ." .':1"+*6 - ',1 - * .* , .6 1*0',) - '(04. 8' 5.* , 5. ;0 6' 19.2 6+
? * +50 '60/ ' +6' 0.'5 .0 04+ .'E+ "6+ .'40,1 .60' 4 9*06+ '6.*6.0' <4 9* 6.6' 06' ,+ .0'
'5. 0 - ' 0 - ' 09 8' .60 '06', - * 8'.' 0'.4 - '.4 - 1*02 6+ ', + ' ;0" 41' .6 0' 0'.4

] n J

& (0 . 1 + - 5. 608 .55" ,+ 6 06 24"1 04 4+ - * 50 4+0"" + - . :4 0 - .2 5 4
' #) : 0/61 6 3+14 , - 0* ,+ - *1* 1"+ - 090 - 04 0+ - 5 + - 0 5 , . ,+<+ 3+,
5 1 *40 9 .6 . - 0/ . ,0 0 *1* 51 6 .+41 6.60 - +. - *60 51*0*6 4 *08 +6 0/
406 *4 ,08 3+ 40 , - *0 ,19*1 ,.*6 ,+6 *+50 0/ .671" ,+8 * 5 15 "
,.+ . 0,0 6 140 - 3+1 7.0, 40,0 *0*6+ 4 0 ,15 .0 "".0 ,". - ,1* , 56.0 * .
I - 8 .55. 02+*6 06 ." .0 06 . - 0/60 7.0 3+ 2+8 06 40, 06. 0/0,+6 1* 40 - .*4. 06
609 8 .60 ,+ - ,1 - 5" , 2+8 + 8 * ,. ,0 , - 6 +4 51"" *6 E+ +8 6. - 5160*60 0/
0 , 6+ +2* /+8 5 1: *, .8 020""0 8: .+6 1, ,+"6 8 ,1* " 8 06 . 6+ +2 <+9+ - - 6606
06 :. 6.6 8 , ,+ - .9 8 0/6 +4 3+0 .4 "1, . 41*0. 5 15+9*. ,+" 8 + 208 - +* 6.8 .4
404 6 1*0 - ,1 - 50""06 *1* 02* + - 561 *+6 " 60 60 - 51 0 3+1 0 1 0 * +50"".0
12" 4 1*0 50, ,.6+ - + 6 %. *40 - E+ +8 5"0* . : 41 . 516 6+8 06 ,1*, " .6. 2
515+"1 + - 06 *12 " 6.6 8 9 .6 . 06 50 0. * .50 61 " 20 1 .4 + 208 . , ,0 "+ * 09 8
.6 0 - 06 ,1 - 5" ,08 0<+8 .* - .4:0 60 6*. *4.2 6 06 .4 0/6 0 - + - 0/ 0*60*6 . 06 50
* "+ 51*6 , 8 090 - ,+ $ 5 *+8 1" - 7 "40 ,+ - * - 1*. 60 - *,"+4,6 <
+* 613+0 ,+ - 20*04 4 170 51 61" 0. 0056 1 0 , 06 +6 4 *08 0 .*4.0 04
+2< , .*6 .21" 6 8 *0 ,1*4 6 1*0 06 - 141 0 ,"0 .0 E."" , .* .0 5 : "09 8 ., " 20 6.
6 2+8 3+14 0 .*60 1 - * . .4+ + - 40 ., . - 0*61 .4.4. 55"" ,02 6+ 51 61" , .0
20 04 4 1* 8 7 8 - .*4.6 8 616 08 0506 6. - 0*6 1 0/ :060 8 .09 16 1 - * 1 1 9
0 - 7.2+ "0 4 , 6+ 71, 0 6 0/ 05 61". (6057. 5.5.0 . 09 *1*0 $ + - 0*
.22.60 * ,7 1* , 8 ,1 - - 0 - 5 .6. +2 .**1 ."+6 8 3+. ""0 ,+ - * E .$
" . * :0* 06 .+/ " +*66 ,1*6 . 6+" + - 1*912. 41 + * 090 - .$ 5 *1 506 6+ +8
50 ,+"1 1 - 1 21 :0 4+ - : 9 ". 06 40" .*8 :0 4+ - 3+ 0 00 06 1 - * .*8 : 18
2 4 , 6 *? 1*; .*1 .*418 $06 + * 06 $.+"+ - 3+ ,1 . - 5 1 1*; 1
5 + - ,1*6.4+ .*.&0 +*6 ' 3+1 + - - 1* 6+ ,+ - ."6. 0 ,1* 0, . 06 *60 ., ,
12". 6 1*0 - $ 5 *+ . 06 4+18 0<+8 " 18 . 1"+ - 06 . 1"1 - .*+ - * 0908 +*/ "0?
*0, *1* 06 0 6 .*4.* 0<+8 ,1*<+90 - (5 6+8 (.*4 9 .6 . ,1* 9*. : "0< 6+ - $.*
,1 + - 5 1,0 08 51 61" 0. 20*04 4 1*0 .*4 , .618 .+41 6.60 ($06 2 . 7 61
6 .4 6. 40 - 12" 9." , +6 *+*3+. - 40 ."60 . 6 50 40 *,058 5 : ," 0/ 5 190* 0 01
+ - 40 00*40*608 090 - 2 ,1* 67+0 0*6 * 40 ""1 + - ". *9+ *0 3+1 4 : *.
5 1: 40*6 . .4 40 - 51 61" , . - 6+0*4. - 0"09 "06 06 50 3 $06 : ,. + - +2
" - 6.60 - 09 . - ,1 "0 6 +*4 1*0 ,1* 0, . 0 4 9*.6.0 "06 G+14 40 - . (9 20 61
5 14 6+ 3+ 06 , 2 6 1 - *0 - ." 0* 90*. - ? . 09 J .*,1 9."" , *:. 1*0 51 61
" ,1 .* .670 - .60 *60 4 4+ - 0 0 + - .: 4 8 3+0 * 4 / 1 - . - 50 ". 8 .4
,1". + - $0""0:0+ - 0. 4 *."0 - 167. *9 , .0 .4 1* 8 .*60 9*. *+ - - .*4.6 8
04 0*8 * 6 *0 0 40,0 " "06 0. * - .*+8 $ 160 6.*6 + - *0 , 1 3+1 ,. + 40:0*0 0
- 1/ .2 5 8 5+2" , .6. (04 : 90*60 .47+, 3+1 0 167. *918 5 1 0,+6+8 0 - 50
+0 .6 . - 1 8 0* + 06 " 61 $ 160 6.*6 + - 14 1 , 04+ - 0 6 +6 * 6 1 408 80 5 15B
60 0 .6 1, 6.60 - 7.2 6. *1* +0 6 :0 + - 51 60. 40 - * 5.* . - * " 8 +5
,+ - $7 " 551 ,1 - - +* ,. 0*6+ A1.**08 & :2*+8 (.*91. 6 +8 3+ 09 8 1 .61 0 -
6 , .902.6 : +5 .*.6." + - 5"0*41 0 - : 6+6, 20"" , . 06 40 0 9. 090 - * 9* 8
06." 13+ - ./ .0 1 - * + - . $ 160 6.*6 + - 5. 6 2) 8." 0*+8 0/0 - 5"+ - 01 + - *.4+8
6R - .4 09, - 50 0 0*4+ - ,+ .: 6 +6 - 7 5 0 51 60. *. .: 6 3+14 090 - 51 6 0
- 1 *1* .4 .21"0*4+ - 1 - * *1 104+8 06 .+41 08 0<+8 5 1 - 0 61 ,. 6 9.*418 ,0 6
.4 ""+4 0"+40*4+ - 06 ".20 .4.*4+ . * 5 .0 0*8 5, 5+) 6 09 *. 5. 0*60 - * - 0
,1*6 .4 ,0*60 ' 3+.0 * - . - 167. *91 +* 5160*6 . - 1" - 0/50 6. 3+. - : 8 4
+ - 150 . 6+*, +6 40, 0: "06 - - 0* 71, 0 + - 6.6+ 0 .0*.*4. - 0* +

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& % V - 06 ,+"1". 5 +40*6 . + + #
& 1 = 1 . 2 , ;

,5 - 6 8, ."0 0 *60"" 90 06 104+8 3+14 .40. * ,1* 6 6+0*4. - * 50, 0 - * 6+ - & : 402.6+ 1 - *14. - *. 06 * 0<+8.+G 1 08 +6 ".0 .0 - .<0 6.6 8 018 .* - .4:W 6 ,+8 - *+8 6+6+ - 0/ 6 - .2.6 6.3+0 0 < ,+ - *06 104+8 1 - * *1 .21"0 0 *0, . (. - 92. 6 1 6. *61 : 1 06 0/6 . 1 - *0 - + 5 , 1*0 - 51 61 - 1 6+8 50 <, "+ - 3+14 0/ . - 50*402.6< *09" 90 0 :0""06 - 04 . - : . - 0/ 1 :) "0 0*60*6 . * 6 6 6 06 5 *, 5.6+ - 1040 8 3+14 ,1*<+ .6 * E+ + - 6 .*8 0 0 .6.902.*6 2 + - 5 6 ., 50 . 1"+ - # 04+.*.0 4+,0 - 3+ 50 E+ .6 8 .2 0*6 .66" ,1 - 6 8 *60 , .6 ,+ - 4 * 2+8 .9 6 +6 4 .2 1 - * 2+8 , 50 06+ "09 2+ 3+0 50 , 56 8 5 0 +2 , 5 6 06 51 6 0+ - 5 1,0 08 - "23+0 0<+8 +6,6 . - 06 * + 9+*4 . - 0/0 - 5"1 ,+ -) 60 8 9 "". 6 8 +6 40 - 0+*66 . ,0 0*6 - .*4. : 6

& S."A.* 0 0 0*60$06 1 &0 1 1 * ,1 - 6 8 , .5+6 40 0 " 9 1*0 .9 6.6+ - +6 40, 06+ - 3+0 +6 .4 +* 6.60 - .671" , .0 51 61" , .0 1 - .* .0 0" 9 1* 8 1 - *08 09 .0 4 6 1* +24 6 515+" , :1, . 0*6+ * 6 1 .44 6. ,".+ +". 4+ - 4 , 6 . 20""+ - 06 5+2" , .0 3+ 06 8 50 6+ 2.6 2*0 - 0 06 04 51 60. 60*+ 6 +6 *+"". ,1*4 6 1*0 .551" 6. 4 3+. : 8 .6 1*0 0 06 G+1 .+4 61 A1. **08 P 14 *+(X , 56 8 .4 51 60 6.60 - : 6+ 8 .6 8 ,". +8 06 3+ 5 1 5"020 1 4 *0 &0 1 - .*4+1 + - 5 .0 02"+ .0 *1 - *0 3+.0 0,+ 4+ - $. 0 0 - 09* 5 - . . 0 6 ,1 - 6 8 *60 0 .6 0/,". - . : 6 0. 506 6 1*0 : 1". 04 6. 06 : 1".6 8 04 4 8 .4 . - . 09*1 61 6 08 +*0 6. *0,0 6. 1 ,1*,". - . 3+.0" 20 . :T/ "" - .9*. - * : 4 . - ,1* ". : 6 6.3+0 ,+ - : 40 06 71 - 1 +6+ 5 1: 4+8 ,1*<+ .6 1*0 . 6. 01 .* - 18 *," *. 0 06 .6." 09 8 . , ,1* " . 1 + - 0<+8 , .0, 6.600 , +6 .2 "" 8 3+ 5 17 20 0 51 60 .*6 5 .051 6, . 5 +40*6 . * 0. 0 4 - +". 06+ 7+<+ - 14 5+2" , 8 6 h 50 * , 1 8 06 * 5+2" ,+ - * 7 " 5 1 +6+ 8 .4 - 1* 6 1* 2+8 40 *,058 .2 6 *+ 6 $1 6 4 0 0 + 1,1 61 1 70 - 1 + - < .6.".+*1 06 +9+ 6. (+0 1*+ - 3+.0 + 208 5 .0 027 . &0 1 - .*4+1 - ,1*6 *0* - 71 - *08 . .4 1 8 +21 *.6 :0*0 0 3+ 14 *+ - ,1*6 . - .*4.6. +. *60 ,0 0 4 ,0 0*6 3+ 2+8 * ,1* 61 1 09 1 .+4 6 8 * 7 "1 - *+8 5 1*+*, .6+ - 0 6 14 *+ - * 7 " * 0 0 0, "0

; 2 # 4 0 . . : . 1 (.*90*0 +806 .": *+8 3+0* 8 . 1*4.01 8 . 4 ".+8 & , *+8 $150"" *, +8 ,+ - 3+ 2+ 4. - 5. 61 2+8 :0*0 +*6 * 50 0*4 *+ - +6 .+4 0*6+ 0 - " 3+14 "" . J $1*6 1 . - 20""1 50 +. . ,0 0 +50 040 +*6 *0 4 *+ - 51 6 .* - - 16+ - 40,". .6+ - ,1*:0*6+8 .55 12.60 : 40 0*6+ 8 - .*4.6+ - 0 .6 +6 * ,1*:0*6+ *60 ,040 0*6 06 40 04 4 1 - - .550"".6. 40 ,1 - 6 8 " 6 : 6 1 *4 46 8 06 ,0"02 .6 8 5 160 6. 0*6+ 3+14 06 , 56 8 04 6 8 5 .0 6 60 +*6 *60 ,0 " 6 06 . - 20) +8 . (.*61* , .*12 " 6.60 40"09.6+8 &0 + . 8 + 50 .*60 . 6 1*0 . 06 1 4+.8 0" 9 1*08 * 0140 - 09*1 , 6 . 20""+ - *60 *0, + - 61"0 . *1* 51 0 4 4 6.*6, 0/5"1 +8 0 6 140 - 3+1 40"09.6 .4 - 66 40202.*6 4 0 .4 - "+8 0 6 * ,1 - 6 8 1 - 7 , .*+8 3+ 4. - 3+ +55" , " 20""1 51 041 5060 2.6 +6 - 0*4 , .*6 + - 4 * 2+8 <+/ 6. ,1*, " + - % 40*6 *+ . 21*. 1" 06 - 12 " . 51 40 0 <+8 0 "06 $1 60. - 1 0 * 1" 61 .4 - " +*6 ,71". + - 2$. 0* 8 $ 4. : 0* 68 06 + 0" .*0* 8 40"09.6 3+ , .5+6 40 0" 9 1*0 + 90 0*6 G+14 01 4 0 .4 0/6 0 - + - & *,0*60 + .9 1 + - *+ - 0 1 126 *+ 6 7 8 ,1*4 6 1* 2+8 +6 4 - 0" 1 0 ., .*4 1 0 : . 06 - 141 3+ 2+8 51 06 0 06 06 1 - * ."60 +8 0" 9 1* 8 + + *60 B 4 41 5. 61 08 4 . ,1* 06 0571 09*1 *6 .60 - 5+8. 0905 .0 , 20*4+ - . ,0 60 0*6 0:1, .6 8 *01 + - 9 .6 . - 04 4 8 *,1*6 . + - .4 8 0/ *60 - 19. 06+ +6 $ 160 6.*6 + - 0/,"+ 8 .2 7 . , 9 .6 . 5. 61 2+8 4 . ,1* 8 06V0571 8 5.6 1, * + - + , 50 06 41*00 .671" , .0 0" 9 1* *1 - 0* 404 0*6 0, 06+ - .4+ - ,1* 0*6 0*6 2+8

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6. - 0*' ' ,1*6 .'40, 06+ -' 06' *: 4 . -'*1*' - *+8'3+. - 20""+ -' 5 + - 504,+"1". -'
*' 0' 0,. + . -'5 1: 40 06'+6'6.*6+". -' - 16. - ,1* " 8'60 - 0 0', .56 8' *60,51*0 0 '
E 4 * 2+8'.+ 61 ' + 6'+6'.4' .:. + - E1*4.0+ -'06' 0*, ,+ .' 1 - 1 .*6 + -' . - '
: "". -'0' +1' *+ - 0 1'"09.608' - 6 0 ,*6'3+ 018'.4'5. 0*4+ -',1*+6 1 + -'40, 061' '
, 6 .' . - 1*" -' 09*1'5. 0 ' ,6' 5 8' 0/ 6 ." + -'*0,0 6.60*.'3+ 2+8'51 "0*6' .6 1
'* 2+8' *4+,0 0*6 9 6+ ,1* 04.' *'0. *' 0 -'.4., 1 4 *0' - .*4.6.' *1"4 P$1**'
6., '05 ,25'&. .60* 8' 5 .0, 5+0' 150 .'3+.0' ,1*6+ - 0 2 68',6'.,0 2 1 2+8' :0 2 8'
0/'*12 " 6.6 8'06'5"02 8 0*60*6 .'.+6' +2".6 8'.+6'." 3+.*6+ -' * 6 9.6 8'*1*', 6 .',1* '
& 60*6 1*0 - ' 60 - 50 .6.' +* ' 0"04 '$06 +8'4'& "". +8' . ,7 05 ,15+8' f 0**0*""8'
4 0.8'0' 1 21 +8' +20 - 5 .6+8'06' ' 0*.90 +8'3+.0 61 '3+'.4' .:. + -' - 660 '
,*6+ ' + - 3+0<1.**08' 14 *+8 .28 +9+ 614+*0* 05 ,151' 19. 06+ ' +6' 5"0 '
20 ' 4 * 8'*1 - *0' 0,+ -'06',+ -'7 1* - 1 *1'.4' 2*4.0+ -'5 1 , ,':0""06' ""0 '
06'. 5, . -'7;0 - 8'<. -' * " *.6.'.06.60'60 - 50 6.60 - 0.+ 06+8',+ -'5 .060 0.' 0' - *+8'
7+ ,1*0 ' 41*0 - 4 ,0 06'3+145., 8'6+0*4.0 4@' * 6 1.+ 61 0/',1 *' - +"61 + -'
+"5 , 1*0 -' *, 4 06'6.*40 -' 0'0/,+ .: 6''U6' '0<+8'"1,+ -'$06 +8'? .6+8'$ 4.: '
5 .061 ' + J04+80 6' 4' . - : "". -'40* 3+0'<40"09.6' ? 04. +8' * , 0* 8' 05 '
,15+8' 0/'(,*06. .' . - " .'72 - 1 . - : "".0'*1*' *9 .6+8' 0*.6+8' +5 1 6 +8'06'
%1 0+8'3+ 1 - *08'506 61'.' 090'06' 4 * 2+8 G - - 0.6+'404),0*60'018 1*1'
: 4 A.* ' *: . - 04040 +*6'

' ' '%' '01 +* '5 1 34 1*0 -' 0/ 3+. - : 814 1'$ 160"".*6 + -' ., "0' *'51 6+'
".6.'40' 0" 9 1*0'5 1*1' .:1 0'5 150*40 06'6. - 0*'*. * - 0' 9*. 8' - ."1 + -'3+.0'
0:1, .61' ,4 41 06'.,,0* 1' 0 - 0" 20""1' 0,+6+ . 0 "0*6' 5 .0, 5+1 + -',1* ". 1'
+ -' 0*60*6 .8' 0/3+ 0 0':1"+ 6'+6':.40 8'6. -'50 ,+"1 '06'." 0*1' 60 - 51 0' + 0056'
,1* '7.20 06'(0*60*6 .0' 0 5616 .4 6.0N'3+. + -'.+619 .57.'50*08' - 0'4 .'7.2+ '
8',1* ". 0 0' "" .' 04 *+ -'506 6 1*0 -'+6". .< 1*00"%. -' - 8'".+4 2+8'0/61" '
R2.*6' !*. -' *: 4 .0'5"0*+ -'0 .6'06'." 13+' * +4+1 + -',1*6 .4 ,0 0@'06'40' .'
6 1*0'20""'90 0*4'4 0 02.*6' 4' .,0 0'<+ "' 09 *.'5. 0*8' *4 *+8' .60 '3+'6.'
- 0*' 0 561' - * - 0' +2 0 5" 6', . 4 *."8' 1 21* +8' D 1*50* 0 +8'2 0"" *+8 '
+42: ,+8',. 4 *."8' E+ +8' ,* ,+8'06' . 1"+8' 167. *9' .6 08'1 E+ .0'06' 1'
4+.*.0'4+,08'A.,12+8' + 1" +8')6 0+ + -'4+/' 6+ +8N' 1 ".0+8'03+ 6+ -'6 '
2+*+8' - .*+8'E+*6."4+8' 1*+8'$.*4 0+8'2 09 +8 7.: 9* +8'J .*, 0+8'!' ." '
- .'(+ .0',1 - 08'A1.**08', 01 - 1 6 +8$ 9."". +8'J .*, 0+8' 7.216 +8' 1* +8'
".+4 +8 '& ""1, . +8 .+ 0*6 +8' .+9 1*+8'A1'J20 . 4+8'?'(4* +"5 6 +8' +41'
: ,;8 ';'(.*90". +8' .* .,+8' 0*.6+8' .9+8'!,.*,0" . +8'A1.**08' 1 : ""0 +8'
(02. 6 .*+8'D "2. 5 *0+8'05 ,15+8 0 - 1; ,+ - ' 3+ - 1/'.+".' - 16+8'0 6'$7 " 55+8

[illegible]

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,*+*,+ +8 7 55+8 2 + ."6+8 0:0#1 U I $1* 51* +8 4""0: 0+8' 167. *9' & 6'
"0*.'*1*'6.*+".+4.2.*6 3+. -'+ 902.*6'06'+6 0/'*1*' 1"+-' 6 50*4 . 8 +8' 04 ' # ' ") '
,6 . -',".*40 6 * 8 "" 8 40"0 6 2+8'3+18 14."0R' :+"91':1,.2.*6' .4 4 20""+ *'+60 0'
6+ ' +.402.*6'3+14'06 09 *.'5 12.2.6< ',+<+8 ,1* 1'4.6+-' 1*1'*0916 +-'
.4 ."" , 0*4+-' *'.+". * .:. + - '5 1 , ,0*6 '+6 .6" . *.-' 5" U8 1 1 0-'1 '
, 1 0 *: 0 06'06 50-'50' 0, 04+".0'+6 02.6+ ': 9 *0 *< ,0 06' ' *'.+".-':0'
* 06' 1 0'+6'40'*+56 8 0<+8 ,+-' *4 *1',1*:0* 0'51 06'

& '%') ' 0/'.E+ .* 8 2'5 -+-'-06+0 ,1105 6'+6 3+'.4'16 +-'06: 6. -
1"+6.-'6161'. 04+'5 150*40*8 71- *+-'90*0 1 1 + .'. -2 6 1*0-' .,' - -14 ,.'
,1*") .' + 504.'7.20 06' A. -' .' -+"61'60 - 51 0 2 '*16.: "0: 402.6+ '018 -+"6 '
5" ,.6 86 6+" 8 .,'4 9* 6.6 2+8 4'. J0 ". 0 +6 ,1*6 1:0 .,'40 4 9* 6.60 09 '.*9+ * 8
5 *, 5 2+8 -1:0*4.0 1,,. 2*0 -'3 50 0*6' 43+,E+ 6+-'*+50 4*' *.+9+ .6 1*0
+.', + 1,1 61 0 - 1 + -' 0, 0 - 0 - *0 .6' 1*50* 0 1 3+' .67. *.-'E+ '
1 1 0 -' *' -.6 -1* 1'7.202.6'+ 20 a2 4'4 ^040*4'*0,0 6.60 *<04.' 6.3+0?
3+1'01 +-'5160*6 .' * .4.'06 . -',1* ".'4 6+ 2. 06'04 4: -'.**1'0/0+*60,1*4 6'
3+1' .*, 6+ '+6 ,1* .*9+ *0' 5 *, 508 .*, .0 5. 08 ,060 18'3+.*6+-: 8 4 9* B
6.6 8 .*6, 1 08 5 .0 19.6 :.'.+6 ." 2'6 6+"1' * 6.*6+ '+2 3+0 *' 09+ -' *.+9+ .6 1'
* 2+8< *' +5 0 - 8 09*',) 8',1*:0*6 2+8'"1, 8 .,',0 0 -1* 8 5+2" , 8 5 .0,04.*6<
43+0 /+-'.,' .6+ - 6 *'51 60 + -' G+1404 4+ - -1/ - .9.1'01* 0* +' *' 0*.6+'
& 4'A.*'5 1 -+"9.6+-' + 6' L'

' # '.+4 6+8 *',1- 6+8 *61* +8 4 34,1 . +8 .6 1*."+-',.-0 .0 5 '
-. +8 5 .0 08'3+ '+6 0 .6 09 09 0 *'0.' 0 * 6 +4+8'-+"6.I40 .0 . 1' 09 1'., 0
."0*1'12' 09* '*0,0 "6.608,1*6 .41'06 0<+8 .*9+ 6 .'5 .0 .6+8 ,+-' 40 -'4 41 +-'
50'E1 - -06 6. 18'3+18 .66+"0 .6'41*' .,0 06 40"04' +666 0/" *9+" 8 4 * 2+8'3+'
,+-'01'.90 0*6'06 5"0* +8 40 .0 . 1',19*2 00 0*6') 902.*6 05 ",15'.,6 . ,7 0'
5%,15 '3+'.40 .*6'+6 ;*14+8% 40*6 *..2 1"+605 1 -+"9. 06+ '*0,'.2*+02.*6
* 6 1', .6704 ."+-',1""09 1 +-'40,.* ' -+"6.'3+.*6+-'.4414 *.-'06 4 , 5" L
*. - 5 .0,". 0'40 0.'5 .0 .6< 04'5E 60. +6 .@+ 4 4 1*0'05 ,151 +-'0/ -0 0*6+ '
06 5 : "09 .'.,' - -+* 6.608 0,,"0 .0 E."" ,.*.0 .' 09 2+8 .,' .*4.' 040 ,1*,0 .0 06
,1* -.6.0 0 :. 0*6+ '506 0 +*6<12' 43+0'3+1'! - *+8 *'5 1 -+"9.6 1*0 -',1*'
0*6 0*6' 0'0/,+ .2.*6'*0,'."60' 0. 0) + 18'3+. -'7.,,1*4 6 1*0'1 60*402.*68
+-'* 7 "1 - *+8 + 90 0*6 5 .0 +"08'?06 ,1*4 6 1*0-'1 -*0 -'.,',".+ +". -'*13
."60 ' 0< ,0 0*6'6.*40 -'"" ' .41'.' + 9+*4 ,.0 5 1: *, .0 40"09.6 8 * 6 1'3+18
.0 *40I$,. 4 .0 I$ 41*+ .'06 (.*61*+-'40"09.6' 0,+6' *6 ? 0 -0" .63+0 60 +-'*'
60 ,0 0 +*6 /'S."'A.*' 2 3+0 .5+4 09 . -' -.<0 6.60 -'. -5" +8 0.'40 0 .90*4'51'
60 6.60 -',1*,04 ' * +506 06 5+2" ,+-'41,+ -0*6+ - '3+14'51 60.'5. -'5+2" ,.6+ -'
0 6'.2 4 * 8 ., '. -.*+0* ' -.9*.'05 ,151 +-'.63+0 .401'51*6 , 8 1 ,* 1*0'
,1* , 51 6* . +*6' +-'51 6+".6.'40"09.6' 4 *+ . ,+6 <+ "'0 .*6',1 -5 ". 0*6
14X*+8'.* ..4:0 1' *60' +8 4 ,0*4+ .' .""', -0*' *'E."" .' 03+1.8 0 0'+6 52'
: . - ." . 8 06+ '506 6'06 60*+ 6'+6 .55. 61 08 06 *16. '5+2" ,' *',1*6 .4 2+8
1' 1"+6*'4 0 -' 04'71 . -'.551*0 0*6'.+6 .R0 - -0*6 1*0 -' 0,0 0*6'.*'.*60 -0B
4 0 -'.+6 51 6 -0 4 0 -'5. 608 01*:0* 0*6< *'60 6. -0*6 8 :0 1? *14+'.*' *60 '
4 +' +2 :9*.6.'0 0*6' *, 4 6 06 6+*,' 08'0/'3).'*1*'5. + -' *: 4 .0 09',1* ".6+-'
0 6' $06 +8 U .*0 6+8 U 1" -' J .*, ,'*'5 .0,0561 '06 12' 4''&.+ 0* '05 ,15.6+'
41*.6+8'71 -1'414 -+8'06 3+ '3+.*3+. -'*+"" 8 04 6 8 , 56 8' -0 + 6'+6 *60'
414 *.'06'"60 8 51"6 2 2+8 5 .0 6.*60 8 7+< 8 .0:': 18 *+ -0 06+ ',+-'.4 0. *
' ' '.06.60 -

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' # ˁ ˁ 191ˁ 06ˁ 09 1ˁ " 60 . + - ˁ 02 .R. +7.ˁ 5 1 , %1 0ˁ " 1 - *0ˁ - +"6 <+9.0ˁ ˁ, +4 6 1* 8;ˁ
50 +. +8ˁ 50 ˁA1.**0 -ˁ# " 21 + - ˁ +9+ 614+*0* 0 - ˁ05 ,15* - ˁ.ˁ5"020 1ˁ 4 *0ˁ
5,6 0 .6ˁ 5. 608ˁ +.(ˁ *60 51*0 06ˁ 06ˁ 090 - ˁ 1 . 06ˁ +6ˁ 05 ,15.6+ - ˁ 3+0 - ˁ 0ˁ ,<0 . ,ˁ
5. .6+ - ˁ 1 60*402.6ˁ *ˁ E0*02 . 4+ - ˁ156 - 0ˁ 40ˁ 05+2" ,.ˁ" 60 . .ˁ06ˁ :1,0ˁ 06ˁ , 56 8ˁ
- 0 6+ - ˁ,1* 0 06ˁ 3+0 - ˁ *ˁ& 4 ˁ J.2 ˁ$ 2 ., ˁ 9 .6 . - ˁ 5 "+8ˁ .6 ˁ.ˁ 090ˁ 40 6 *. ˁ
6+ *ˁ ,1* 6.2.6ˁ &0 + - ˁ 5"020 +8ˁ 41ˁ 0ˁ 0/,+ .: 6ˁ 51 6+".6 8ˁ 8ˁ 3+.*6+ - ˁ .4ˁ
0"0 6 1*08ˁ 06ˁ *1 - 7.6 1*08ˁ 05 ,15.6++ - ˁ 50 6. 06ˁ 5R*0ˁ .6 8 .4+ - ˁ,.+ .6+8ˁ *40ˁ
40ˁ 03+ 6.6+8ˁ E."" , 3+ ˁ 0 0ˁ *12 " 6.60ˁ ,1* 6.6ˁ 6 50*4 8ˁ 06ˁ :04 9. " ˁ50,+" . 0ˁ 12ˁ 0. *ˁ
0 - ˁ - 51* ˁ 1" 61ˁ - +"6+ - ˁ .,ˁ 4 +ˁ ."60 ,.6+ - ˁ + 6ˁ %.*40 - ˁ * 6.*60ˁ 090ˁ 4+ - ˁ
,1.,0 :.*4 8ˁ 51 6+".6 8ˁ *,+ - 2 6+ ˁ *9+)ˁ 4 *08ˁ .*60ˁ 090 - ˁ 0140 - ˁ *ˁ " .ˁ. , 8ˁ
.+".ˁ.4ˁ 4ˁ * 6 +4.ˁ ,17:0*0 +*6ˁ / : ˁS."ˁ J02 +. ˁ06ˁ 5 1ˁ ., 1ˁ 4 *0ˁ ˁ. ,7 05 6ˁ
015+8 +94+*0* 8ˁ 71 - 1ˁ :070 - 0*6ˁ 0"13+0*6 . ˁ 1 .6 1*0 - ˁ 7.2+ 6ˁ 5 1ˁ *12 " 6.60ˁ
".+4 +8ˁ,ˁ 0""1 0 - 1*6 +8ˁ (0*0 ,.0+8ˁ 5 1ˁ 5"020 1ˁ 1 4 *0ˁ $06 +8ˁ ˁ&0 1 +8ˁ ,,"0 ˁ
20 - +8ˁ ,.+ . + - ˁ *ˁ 1 1ˁ $. 0* ˁ5.6 1*+8ˁ - .<1 0 - 3+0ˁ *40ˁ . - . - ˁ 3+. - ˁ 0/ˁ
" .ˁ.4 1*0ˁ 3+.0ˁ - * - 0ˁ 0/504.6 1*ˁ 0 51*4 6ˁ ,1* 0,+6+8ˁ (+ - - .ˁ 1 .6 1*+ - ˁ
+ 6ˁ *ˁ 3+ 2+8ˁ ., "0ˁ 5." - . - ˁ6+" 6ˁ +94+*0* 8ˁ +6ˁ 090 - ˁ.4ˁ 0" 9 1*0 - ˁ .671" ,. .ˁ
51 61" ,. - ˁ 1 - .*. - ˁ 1 - * ˁ." .ˁ 0k04.ˁ06ˁ *60 4 4. ˁ ,1* 6 6+0*4. . ˁ.4ˁ 0 + - ˁ". ˁ
, . + - ˁ 4 50* .6 * ˁ1 4 *.*4. - ˁ .0 . + - ˁ. .5 * 8ˁ: *4 ,.*4+ - ˁ<+8ˁ .,3+.2 "0ˁ
*60ˁ +.0ˁ 4 6 1*ˁ +24 618ˁ 515+"18ˁ 4 ,0*4+ - ˁ 71 6. 0*6+ ˁ 4ˁ 3*.8ˁ 0/ˁ 5.+, 8ˁ 0 ˁ
51*4 6ˁ 06ˁ 2ˁ 50 9 .6+ - ˁ 4 / 6ˁ 3+14ˁ +* :0 "ˁ *ˁ 8ˁ 3+.0ˁ .4ˁ 0" 9 1*0 - ˁ06ˁ :0 + - ˁ
0ˁ,+"6+ - ˁ 504. 0*6ˁ 6. - ˁ5 .ˁ,1* 0* 1*0ˁ ,1* :0 0*6ˁ 40ˁ 040 1ˁ 0ˁ ,+ .6+ + - ˁ+6ˁ
.4ˁ 51 6+".6.ˁ06ˁ 3+0 0".8ˁ 0ˁ ,+ - ˁ,1*) . 8ˁ + 8ˁ ,1 - - +* ,.6.ˁ .2+*40ˁ 06ˁ <+/6.ˁ 5ˁ 1B
+ - ˁ:16+ - ˁ .6 8 .,0 4ˁ 51 1ˁ <+20 0ˁ *0ˁ 3+ 8ˁ .*60ˁ 50 .4.ˁ ,1 - 6 .ˁ06ˁ * "0ˁ .,,0561ˁ .ˁ
090ˁ ,1 - - 0.6+ˁ *40ˁ 4 0040 06ˁ 2ˁ 01ˁ 60 - 51 0ˁ 1 - * 8ˁ 40ˁ .0 . 1ˁ 04ˁ ,1* + .ˁ 40" ˁ
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2. +*6ʿ06ʿ,1* - . +* ʿ,+*4 8ʿ,1* 6 6 0;ʿ.4ʿ5. ,0 -ʿ *ʿ 09*.ʿ6+,*4. -ʿ4+.8ʿ60" 9 , ?ʿ
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,0"02 0*6ʿ :0 +*ʿ ,ʿ." 60ʿ,0* 0 0ʿ06ʿ" ,0 0ʿ .47 ,ʿ 09ʿ +55" , . 0ʿ*. -ʿ+6ʿ.4* 6?ʿ
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9 1* 8ʿ4 :0 .0" 20 6.6, - : 4 8ʿ& 41ʿ,1*,040 0,1.4+8J+0 6ʿ<06ʿ$7 " 55ʿ " ʿ3+ ʿ
5. ,0 -ʿ.2ʿ 4 * 2+8ʿ20""ʿ, : " 8ʿ50 6.0 8ʿ0.ʿ,1*4 6 1*0ʿ .4. -ʿ*+50ʿ,1* - .:0 ʿ
09ʿ.+41 0 -ʿ +6+ + -ʿ +6ʿ5. ,0 -ʿ,1".6ʿ 0 04 8ʿ3+.0ʿ* - .ʿ*0,ʿ 0 0*4.ʿ *ʿ5 .0, , ʿ
40*6 2+8ʿ04 4 8ʿ .*, 6.ʿ +0 *6ʿ3+14ʿ .:. + -ʿ.4 - + + -ʿ 50 06ʿʿ 43+0ʿ01ʿ+ 3+ ʿ
"1,+ -ʿ7.20.6ʿ41*00ʿ.+6ʿ,1*, " ʿ"09 6 - ʿ. 41 6.60ʿ.+6ʿ 4 *+ -ʿ 60ʿ,1*9 09.60ʿ
+ -ʿ40, 061ʿ." .:0ʿ 04.ʿ06ʿ.03+.ʿ .6 1*0ʿ 0/ʿ+* :0 18ʿ4 6 17ʿ +.0ʿ +24 618ʿ515+"18ʿ
4ʿ+* 6.60 -ʿ:0 .0ʿ06ʿ.*6 3+.0ʿ 0" 9 1* 8ʿ 04+/0 6ʿ %.*6ʿ; Uʿ5. ,0 -ʿ +.40*6 8ʿ4 9?ʿ
* 6.8ʿ06ʿ 05 070* .ʿ.5+4ʿ1 - *0 8ʿ0/ 6 - . 6 1 14 *1ʿ 40 -ʿ,1* " + -ʿ.9 6.*6ʿ0< 3+0ʿ
03+. , 2+8ʿ.* - 18ʿ 0, 6ʿ013+0ʿ * 6 9.*6 ʿ 0ʿ *ʿ40" 20 4 1*0 -ʿ404+4. + .9 1 + -ʿ
*+ - 0 1ʿ0.ʿ6.*40 -ʿ: , 6ʿ 0*60*6 .ʿ3+.0ʿ6090 -ʿ 19.*4+ -ʿ,0* 02.6ʿ+6ʿ1 - *0 8ʿ.4ʿ 0B
9 1*0 -ʿ .671" , . -ʿ 51 61" , . -ʿ 1 *.*. -ʿ 04+,0 06ʿ1 - 7ʿ .03+.ʿ.,ʿ"09 6 - .
ʿ ʿ ʿ ʿ ʿ Ľ .6 1*0

%. ʿ0 ; ($ʿ ʿ)ʿʿ)ʿ ʿ0 / #ʿ ʿ. $ʿ 2ʿ #$ʿ Aʿ ;

=   ʻ #ʻ   =,

.6 1* ʻ 04ʻ ,R .ʻ 20"""+ - ;ʻ ,+6 ʻ $06 1ʻ#&0 0 ;ʻ16ʻ5060 06;ʻ - .*4.6+ -ʻ +0 .6ʻ .ʻ & ʻ
40ʻ 0ʻ" 20"""+8ʻ.2ʻ 0 - . 1 ʻ 14 *1ʻ06ʻ H261ʻ D 161 - .90* ʻ40"09.61ʻ,1* , 56+8ʻ06ʻ ' # ʻ ʻ
09 12".6.8 ʻ 3+1ʻ60 6 +8ʻ 41ʻ 5 1 602.6. ʻ 0ʻ *+*3+.R ʻ20"""+ -ʻ . 2ʻ * 6 1ʻ " . "%0;ʻ
04ʻ ++ 301* " + -ʻ + ,ʻ+6 ʻ3+ 2*8ʻR9 6 - 8ʻ.,ʻ5., , 8ʻ .6 1* 2+8ʻ51"%06ʻ , 6 .ʻ20"B
"+ - ʻ - .<1 + -ʻ 0" 9 1ʻ,2* 6 6+0 06+ ʻ3+. -ʻ06ʻ 1". -ʻ:0 . - .9*1 , .*6ʻ06ʻ *ʻ3+.ʻ:"ʻ
:0 0ʻ06ʻ - 1 ʻ5. .6ʻ *6ʻ) 6ʻ 40 -ʻ4 "8ʻ .,0 0*6ʻ" 2,""1ʻ0/ , 56+ -ʻ0/ʻ .4"8ʻ5+2" , 8ʻ
,.5+6ʻ40ʻ 0" 9 1*0ʻ/ : ʻS." ʻJ02 ʻ . 7 -ʻ.660/+*6ʻ3+1ʻ - .*4.6+ -ʻ&0 1 1ʻ 090 -ʻ
.""1,+6+ 1ʻ4.6+ -ʻ ,1*6 *02.6+ ʻ7.,ʻ.4 04.ʻ,".+ +". ʻ +6ʻ5., ,.ʻ .6 1*0ʻ06ʻ, 6 .ʻ20"B
"+ -ʻ 0" 9 1* 8ʻ*0916 + -ʻ,2* ,0 06+ ʻ

*ʻ - ʻ60 - 51 0ʻ $06 +8 +6 ,+8ʻ.ʻA1.**0ʻ . - 1 +41: , ʻ$.".6 *ʻ
0560 - : ʻ .6 0ʻ,+ -ʻ." 3+16ʻE0 - .*1 + -ʻ03+ 6+ -ʻ4+41 2+8ʻ40"09.6+8ʻ.ʻ 090ʻ.+
ʻ4 6+8ʻ0 6ʻ 8ʻ06ʻ ."" - ʻ06ʻ4+41 + -ʻE0 - .*1 - -ʻ*1 - *0ʻ"1*9. -ʻ0/51 6+".6 1*0 -ʻ
* 6 6+ 6ʻ3+14ʻ50,+7 .ʻ5 1 - .ʻ"1,1ʻ06ʻ4 0ʻUJ .*,1 + 6ʻ.4ʻ 10*+ .ʻ06ʻ 90*6 *.0ʻ
*1*ʻ 05 .0 0*6. 06+ ʻ - * - 0ʻ:061ʻ12" 618ʻ018ʻ0 %0ʻ3+ 4ʻ "" 8ʻ .05"+8ʻ.ʻ 09 .ʻ - .<0 6.60ʻ
0 51* + -ʻ +0 6ʻ,+ -ʻ40ʻ5.,0ʻ.5+4ʻ 5 + -ʻ50 ʻ"09.608ʻ.90 0*6ʻ * - + -ʻ +.8ʻ 08ʻ 2ʻ
90 0 0*6ʻ ,060 + -ʻ609*ʻ,+ . -ʻ 09ʻ" 20 . -ʻ 0" *3+0 0*6ʻ*0,ʻ5 1 *40ʻ 0ʻ - " + .ʻ
+6ʻ ."0* 8ʻ 02+8ʻ 0ʻ - - 00.*6ʻ * ʻ3+.60*+8ʻ0. + *ʻ5 15 . -ʻ 5 1 + -ʻ,.+ . -ʻ06ʻ
,1 - - 14+ -ʻ 50 6.6ʻ 04ʻ*0,ʻ 6 40 -ʻ12" 618ʻ,+ -ʻ.*60. ʻ5.,.61ʻ 09*1ʻ06ʻ.ʻ6+ 2 8ʻ:.?
+1ʻ9 .*40ʻ.08ʻ 62ʻ402 6+ ʻE0 - .*0ʻ 051 00 0*6ʻ3+ 4ʻ 0 51* + -ʻ +0 6ʻʻ* - + -ʻ
08ʻ 09* 6.*6 81*0 2+8ʻ9 .:.6ʻ*1*ʻ52 0ʻ0 0ʻ+6ʻ "" 8ʻ .6 8 0 06ʻ3+ 4ʻ0 91ʻ 2ʻ +ʻ
50 0 0ʻ ʻ*+*,ʻ20"""+ -ʻ *60 *0, *+ -ʻ *ʻ01ʻ0/, 606+ ʻ ʻ G+24ʻ3+ 061ʻ 09*1ʻ*1*ʻ" ,+ 6ʻ
3+ʻ6+ 2.61ʻ 06X 71,ʻ 9 6+ ʻ *ʻ ,.+".ʻ0 0ʻ ,+ ʻ.4ʻ 090 -ʻ:0* .*6ʻ06ʻ0+ -ʻ*1*ʻ 1"+ -ʻ
5 1ʻ50,‖+* .ʻ40246.ʻ 04ʻ5 1ʻ5.,0ʻ5 1 - .ʻ *60 50""0*6ʻ .63+0ʻ.401ʻ 09 8ʻ 40 -ʻ*1*ʻ
1"+ -ʻ$ 160 6.*6 2+8ʻ *ʻE."" .ʻ4090*6 2+8ʻ 04ʻ 5 ʻ . - 1ʻ *+50 ʻ4.6. -ʻ.550""0*6ʻ
*. - . - + -ʻ *1*ʻ 1"+ -ʻ5 :.6ʻ,1 - - 14 ʻ.+6ʻ4. - *ʻ516 +8ʻ: 6.*4 ʻ 040/ 6 ʻ
- .6 1* 8ʻ6+0*4.0ʻ,.+ .ʻ - 5+" + - ʻ3+ 550ʻ616ʻ71*1 , 8ʻ507 1* 2+8ʻ06ʻ4 9* 6.6 2+8ʻ
.ʻ 090ʻ*+50 ʻ1 *.6+ -ʻ +ʻ1 , ʻ4+/ 0ʻ 090 -ʻ0* /0ʻ1 . 0ʻ+6ʻ 09*26 .*3+ "" 6.6ʻ 6+ʻ
4,.6ʻ06ʻ04 4"+ .ʻ*+50 ʻ,1*4 6+ -ʻ06ʻ 1"0 - *ʻ ., . - 0*61ʻ50 ʻ1 - *08ʻ 097 ʻ5 1: *, .8ʻ
- .6+ -ʻ 0" 9 1 0ʻ 0 :06ʻ *ʻ3+1ʻ ʻ3+.0ʻ *6ʻ4+ 1 .ʻ06ʻ3+.0ʻ 09 8ʻ,1* 0 0*6 . -ʻ".0ʻ
4.*6ʻ +. -ʻ+"6 1ʻ150 . -ʻ40 0 0ʻ+6ʻ0.ʻ 41*01ʻ60 - 50 . - 0*61ʻ - 6 90*6+ ʻʻ *ʻ 43+0ʻ
2ʻ.2ʻ 5 1ʻ4.6.ʻ - .*4.6.ʻ4 , 6ʻ 6ʻ,+ -ʻ .:. ʻ 1*4.0ʻ06ʻ . - : "".0ʻ40"09.6 8ʻ.9.6ʻ
*60 0.ʻ 506, 0ʻ +6ʻ 2ʻ40ʻ .0 0ʻ."0*1ʻ .6 8 .6ʻ3+1ʻ 40 -ʻ +. -ʻ4+ 61 2+8ʻE0 - .* 8ʻ
09 8ʻ *1 - *0ʻ4.6.*ʻ" 20 06ʻ .0,ʻE0 - .* ,.ʻ - 5" , 6.60ʻ<5 .0 .6+8ʻ +6 ,+8ʻ ,+*<ʻ
,1 . -ʻ 090ʻ4 0 + 06ʻ51 60.ʻ+2ʻ: 4 6ʻ 08ʻ* 7 "1 - *+8ʻ.4ʻ6+ 2.8ʻ 504. 0ʻ" 20"""+ -ʻ
.ʻ 0ʻ +2 0 56+ -ʻ . - ʻ*1 - *0ʻ 09ʻ126+" 6ʻ: ʻ 4ʻ . 6ʻ3+1ʻ.4ʻ40," *.*4. -ʻ
3+. -ʻ.5+4ʻE0 - .* ,18ʻ4+ "1 ,8ʻ + 6 *02.6ʻ *: 4 . - ʻ3+. ʻ12*1/ +8ʻ 02+8ʻ 5 1 + -ʻ
."3+14ʻ 5 .0<+4 , + -ʻ . 0 06ʻ 50* 1*08‖51"%0 1*08ʻ.,ʻ4 9* 6.608ʻ.ʻ 090.,,056.8ʻ
0 - 76 6ʻ 0. - - 3+0ʻ5+2" , .ʻ * 6 + - 0*6.ʻ *ʻ - .*+8ʻ 09 .8ʻ,1* 9*.6ʻ : , -ʻ 40 - ʻ
3+. -ʻ 09ʻ4040 .6ʻ 051 0 6ʻ .";.ʻ.*6 3+.ʻ 2040 .6 1*0 ʻ3+.0ʻE."" 8ʻ 09 2+8ʻ,+ -ʻ$.ʻ
".6 * 8ʻ.2ʻ1 - * ʻ - 0 - 1 .ʻ *60 ,0" 6ʻ %. - ʻ3+1* . -ʻ5+2" , .ʻ 40ʻ:0*0 *6ʻ 2ʻ06ʻ 1ʻ
, 8ʻ+6ʻ5+2) , .ʻ 40ʻ *ʻ 04 6+ʻ, .:0.6+ ʻ506 6ʻ 44 6+ -ʻ." 04.6.ʻ.+4., .ʻ.ʻ +6 ,1ʻ50 ʻ
& , ., 8ʻ." 13+ʻ *90* 71 - *0ʻ 2ʻ4.6+ -ʻ.ʻ . - 1ʻ *0916 + - ʻ +6ʻ * *9" . - .4ʻ
*0916 .ʻ<+.ʻ5 1,+ .*4.ʻ50 90 06ʻ G+14ʻ 6.ʻ5 +40*6 1 08ʻ *60 5 06.6ʻ +*6ʻ3+. ʻ:1ʻ
"+ "06ʻ . - +8ʻ +6ʻ 0/ʻ *60"" 90 06ʻ ʻ20"""+ -ʻ,1*6 .ʻ$ 160 6.*60 8ʻ - 1:0 06ʻ 0 0ʻ
<1 " - . - 6ʻ *9"1 + .ʻ 09 *. -ʻ.ʻ 0ʻ06ʻ$ 160 6.*6 2+8ʻ 1"" , 6.6. -ʻ +.8ʻ5. 608ʻ *60 51 ʻ
6+ . -ʻʻ 3+14ʻ" 20")ʻ.ʻ60 6 1 4 *0ʻ*+50ʻ 0 9 40ʻ5.,0ʻ12".6ʻ *ʻ ,1* 61 1ʻ4 " 90*ʻ
6 +8ʻ0/,+6 0*4ʻ,.+ .ʻ0/6 6 6< +2ʻ:. .04 4.0ʻ 0*60*6 .0ʻʻ06ʻ,+ -ʻ,. 4 *."8ʻE+ +8
E+ +8ʻ06ʻ 04+.* +8ʻ 6.6 08ʻ(;0 * +8 ʻ5 - 1ʻ 4 *+ -ʻ,+ -ʻ 0" 9 1* 8ʻ*0916 + -
ʻ ,."0 06
ʻ ʻ ʻ $ $ 1 " #ʻ !2ʻ #$ 7ʻ ʻ0 ! ʻ 2 # 3ʻ 7ʻ(" #
ʻ !22ʻ # # $ ʻ 9 2 5 !! $ ʻʻ "ʻ ʻ%)$

)*7 . C G -

4 ? !* M # ' # * 7 ; * ,

) "" .0+8 , 1*+8 1 : ""0 +8 0""0: 0+8 50* 6.62 5 15 +8 0 50 ,+"1<. - - +6.6.
0*60*6 . 5.,0* +. 0 +*6 ,.56.3+0 0/ . - .* "09.6 - 14, .6 1*0 - 04 4 *1
: - 51" ,0*6 8 :0 2 8 1,,. 1*0 .4 .:. + + +8 1*+ - - 66+*6 3+14
* 6 + - 5., ,.6 1* 8 0140 - .**1 0,+6.0 + 6

& ; 06 * E0 - .3 . - "09.6 1< ,+ 120+*4.0 ".+4 +8 & ""1,". +8
E+0 ,7 +8 40 6"*.6+8 0 6 8 .4 +41: ,+ - $.".6 *+ - 0560 - : + - 5 1 0 6+8 06 J
40 , 5. 0*6 8 6+50 40 + * 6 - 1 60 405"1 .6. 06 40 5 +8 .4 4 9* 6.60 - 40 61 ."0 -
*.*9+ .6 1*0 9 .6+".6+8 .4 A1 . - + - .6 0 - 6 .* 6 < ,+ 06 - .*4.6. 3+.0
7.202.6 19.6+8 , 561 6 .4 4 6 0. .+606* 0 .*6 51 6 1 , . " . 5 +8 ,1 - - 0 - 1
.6. +6 0+ - 40 *1:1 0 +*. +. + - 6.6+ 041,0 06 ,1 - 6 . "10 8 51 6 4 ,0 " -
0<+8 0 E."" . ,0 02 .6. * 3+ 2+8 ,1*,1 8 4 *+*. 506 6 1 +0 6 +6 +*. .671" ,.
51 61" ,. 1 - .*. 0,,"0 . * 09*1 ,1* 6 6+.6+ 090 - :0 1 6+*, * 01 + 0 ,+ -
0/ .+". 5 1 ,4+8 0 6 +6 * 6. - <+ 6. 506 6 1*0 4 * 2+8 .,3+ 0 ,0 06 , 0* - .
,1* , 0*6 . 5 15 . .4 - 1*0 +6 - .<1 + - +1 + - 0/0 - 5"1 +*. - 0" 9 1*0 - ,1".6
40 * 0/50 0*6 . 041 6+ - 0" 9 1* 8 4 :0 "6.60 - * 1 - * 09*1 ., 05+2" ,. 50 *
, 1 . - 0 0 0 - 50 3+0 *1:.8 <*40 1 6+ 2. + - 4,,. 1*08 < 3+ 550 ,+ - * ,1*
:0*6 2+8 $ 160 6.*6 + - 516 +8 40 .4 1* 2+8 * 09 .0 - .<0 6.6 8 50 * , 0 - !)
3+. - 40 0" 9 1*0 .9 ,0 6+ - 6 71, 0,0*60 0/0 - 5"1 5.60 0 ,+ - *1: 8 5 .0 4 8
*+50 *,1* +"61 090 7. 6.0+ - - . +*6 06 5"0 .3+0 155 4. 06 . ,08 * 8$ 41
* 2+8 (. 61* 2+8 &. ,1* . 0" *.6+ (056 - .* . 1,,+5. +*6 06 090 - 3+ 40 -
.41 +"6 - 1 04 41 60*6. 0 .* ""+4 5"0*0 0/0,+6 1*0 40 - .*4. 51"%06 3+14 ,+ -
+"" 8 .6 1* 2+8 ,1* , *1* 516+0 6 04 *1: 8 1, 06.6 2+8 06 1040 < <+8 *60 .671U
" ,18 1,,. 1*0 - 5 .02+0 6 0/ 01 - .* 0 6+ - 0 4+.8 0" 9 1*08 , 6 . 4 6 4 . 06
04 6 1*08 * 0140 - 09*1 61"0 . *1* 51 60 4 50 : 4 "0 06 - 50 5 *, 508 3+
+9+ 6.*. - ,1* 0 1*0 - . - 5"04+*6+ 4 06 0 0* " - . - *9"1 + - 09 *. .
.5+4 3+18 +* 6.*6+ - 0" 9 1*0 "1,+8 ,060 8 0/,"+ 8 *0, 5 1 *40 6. - 0* *1* : 0""0
$ 160 6.*60 8 +6 ,060 18 5.6 1, * 1 +1 6+0 6. +6 *+"". : 8 01 + - ,1* , 0*6 8 . J0
.6+ 04 0. "090 *0 ,5*:0* 0 51 " *6 3+14 ,+ - .,0 0 4,, 0:0 6 0/ *60 - 06
+41: ,+ - 0560 - : + - ,6 5 + - E. 5. + - 1 . 0 - *+8 * 6. - <+ 61 40, 061
12 03+0*60 8 $ 160 6.*60 8 0/50 .6+ *0 018 ,1* " 1 15 2+8 .+6 . <* 8 <+:0*6 *0
3+0 0 ." 0*1 *0916 1 - - 00.*6 04 4 4 + - 71, . 093 56 .06.60 065 +40*6 .
- .6+ 1 .03+.2 " <+ 0 /1 .51* 5.6 .*6+ 40 ,060 1 094 - ,+ .6+ + - +6 40 .0 4 ?
." 0*1 3+14 7.40*+8 *1* .4+ - 41 0.6 3+. - 5 - + - 0 8 5"0*0 .6 8 .6

& 3+.0 . " - +8 , 561 5 1" /5 *1* *0 .,0 2 6.60 0 51*4 6< 06 *1:+ -
2 7+*, :0 0 *+*, + - + 0 4 / 6 ,+ - 5.,0 - < 3+. - *+50 - .9*1 09* 21*1 .
09 *. 5. 0*60 .4. - 06 . 5 *, 5 2+8 ., 5 1,0 2+8 1"0 - * <+ 0<+ .*41 - .6. -
".06.2.6+ *+*, 00 6 " - 10<+ 40 - 09 : ,+ 06 09 0/ .* +1 20*0 :0" 6 0/ 6 1 *B
.4. - 0 , : 6 .63+ 50 . 0 5 + - +5 5 .060 61 + - - ."1 + - 0,1 4. 1*0 *
5.,0 0 :.*4. 0 06 ,1* 6.*6 1 *0, - ." 9*1 + - 71 - *+ - .2 71 6 2+8 09* +21
*.61 + - 3+ 0 4 *+ - *1 - *0 :0*4 6.*6 ,1* " 8 .+ 0 . 5 .020 06 *. - 3+14
"" *0 - .*4.6 8 " 20""+* 7 *, +55" ,0 - 09 516 0/0 *6 - 1/ ,1* 6 6+ + - 4
:0 1 .*60. ,+ - .47+, * 09*1 0 06 5 .0 0* 0 06 40 50 *", 1 8 1040 8 *2:
,1* " 8 04+"1 090 - - 1*+ 0 06 3+ 4 71 - *08 ,0"0 .6 * ,1 - 6 8 - 1" 0*6+
7.*4 4+2 8 *4 , 840 - 1* 6 . 0 ., 50 . 0 +6 0/ - 0" +8 - 6/+4+8 51 6 & ""1,".
4 ,0 + - - +6.:, 6 *60 - + 1 , 4+/ 0 5 1 *,0 . 3+. 090 - 09*+ - 3+0
E."" .0 5 1 03+ 6+ 0:0 0*6 . ., 20*0:1"0*6 . 3+.04. - 5 - - 1*0 0 * 4 4+ -
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% $ $ $ % 6 6 U (6 . $5 % ?4
+ 5 . 2 2

E. - ." 4 8' 0 5 , .6' 3+.0' 0/' 01' <*6' 0.' ,1*6 .'1 - *0 8' 1 - * + - ' - . ,7 - .6 1*08' 4+' 4 ? '
.6+ .< 3+. '0/' 71 - * 2+8' 0* - '0: .*0 ,0 0' 6+ *' ""+4' *' 05+2" , .' /+ - ' .6+ - ' . ' Y
3+,'60*, .6' 4' +6 "0 '3+14' *0,0 ". + - '3+14' *'$1"1* .0' +*9. .0' 170 - .0' 09* 8'
06' *' 0": 06 1 + - ' 05+2" , . '6 . * 3 + ' *' 50,+"1' ,1*60 - 5". '51""'6' ' 58' :0 0' 06' , 6 .'
, . : "". 6 1*0 - '0/ ,+6 .6+ ' * . - ' :0 6.6' . ,0 0' + ,+ - '018 3+' E0 - . * .0." 3+0 - '5 * '
450 - ' ,+ - ' 090' E."" .0' ,1 - 5. . *6' E0 - . * . - '616. - ' ,+ - ' 09*1' J . *, .0' ,1 - 5. . '
6. - '156 - 0' ,1*:0* 0' ' 3+.0' ,+ - ' *1*' * '04 4140 0" 9 1* 85. ,0. J0 4 * . *41,1* '
6 6+61' .'616' 20"" 8' , .". - 6.6 2*8' 06' :. 6 6.6 2+8' 03+ 0 ,0 0' 516+0 6' 41,+ - 0*61' 4' 09'
0 0' 4020 0' '5. ,0 - '7.20 0' :0" 6' 40 - ' +6' *' 09*1' +1' . , .6' ." 13+ '6 +*3+. - '40 '
6+ .8' 6+ 2 . 8' 50 ,+"1" - + - ' .+60 - '0 0' +6' 0/ ' ,+<+8' 1 , + - '0 6' * 6 '21*' 5.6 8'
. - " .8' 1*. *0 8 +18' .03+.2 " ' <+ 0' ,1 - 5"04 ' , 1' .4 1* 2+8' 09*1 ' 12" 6+8' 40'
4.6.0' 0' ."60 '5. 6' 4+,0 - ' 5 .020.6' 4' 5 + - ' 06 . - ' .63+0' 06 . - ' : 40 0' 4020 0' '
3+. *6+ - ' 09 .0' 0/ 6 - .6 1* 8' *60 " 6' +6' 18' 1 - *0 8' *' 40' ,1*6 *0.6' 06 40 - +. - '
+* :0 8' , 6 .' ."60 +6 +8' 5. 6 8' 4 40*6 . - ' .55 1206' *. - ' : /' 0+ - ' .5+4' 0/60 *18'
5 *, 508' 40 - ' .55 12.6+ + - ' ,+ ' + ' - * - 0' ,1* 4. *6' 3+14' :061' 40' 0 0* " - .'
*9" .0' 09 * .'0/0 - 5"+ - '. 0 6+ ' * . * - 0' .4' 0 - ' . ,0 0' * . - ' *1*' 0.740 - ' +6 + 3+0'
09*' ,1*4 6 1*0 - '0 "0' * 0,' *' *9" . ' +6' *' J . * , H' 616' 5 *, 508' 5 , , 08' 06' 0/' *1 '
2 " 6.60' 06' ,060 8' 1 4 * 2+8' 5 .0, 5+18' 5+2" , . - ' +.0' 0" 9 1* 8' 5 1 0 6 1*0 - '506 0'
3+14' ' 0, "0*6' 06' " .' 40 - '04 41' 5+2" ,1' 12 6 */ 06' 5 1,+" 4+2 1' , . - ' 0" 9 1 0'
0 : . 06' <' *0,' +6' .2' 0.' 4 ,04, 06' +"" 8' 2' .6 1* 2+8' 50 +.40 ' .+6' : ' ."". 6.' .' *8' ,19'
5. .' 0 06' .63+ ' - 0" 1 .'$ 160 6. *60 8' .' +.' - .<0 6.60' 2' 51"" , 618' + 0' ,+ - ' : '
40 *6' 0+ - ' .5+4' 0"9 ' 84 *08' *+50 '5. 608' +.8' *60 51 + 0' +6' , - 1*4. * ' ,1 - 6 8'
50 :0 1' <+ 8' 1 4 *0' .2' 5 8' +55" , 1' . 04 ' " 20 '21* 8' 06' 71*1 2+8 0 6 6+0 0* '
6+ ' *0,' ". 6 8' 0 0' 3+14& ""1,". +8' .44.6' 090 - '$ 160 6. *6 2+8' ,1* , 0*6 . + - ' " 20 '
6.60 - ' 0" *3+0 0' .40 - 56.' 6." 0*' " 20 .' . ,' 5+2" , .' 0" 9 1* 8' +.0' 5 1 0 " 1 0' * . - '
50 *40' . ,0 0' 3+ ' 6.' 09' 40' 04 4 8' 4.6.0' .6 8 0 ' ,1*6 *4+*6' .63+0' '3+ '3+ '
2+8' : 6. - ' .": . - '5 1 - 0*6' 8' 51 60.' .4' : 4+ - ' *0,0 . .' 40*09. 0*6' 6' 6.3+0' 0* /0'
3+. - 5160 6' 090 - ' 1 . 0' *0' 71 - * 2+8' 4 *+ - ' *1 - *0' 0' <.4. *6 2+8' 0' :0 .' .2'
' 71 6 2+8' 09*' 50' 5 1: *4.8' 21 * . 6 8' 516 +8' 40 - '6 2+.6' 3+. - ' 40' 06' 0/ 6 - .B
6 1* 8' +.0' .5+4' +18' 06' 0/60 *18' 5 *, 508' 6+0*4.0' .6 1*0 - '7.20.6' ' 06' 2' . , 0" 3+ 8'
E0 - . * 8' 4+41 2+8' 40' 50,+* .' 5 1 - ". ' 3+14' 7.40*+8' "1,1' 06' 60 - 51 0' *1*' 0'
,0 6' 5 1/ - 8' J . * ,1 60* 2 S' *+*4 * 8' .6 8 0 ' ,+ 06' 6.' 47 +8' & "1,". +8' <
3+' ,+ - ' 40 - ' 0 0' - . *4.6 8' 5. *"+"+ - ' - - +6.6 8' .4' h ""0" - + - ' 0 "2 + - '5 *, 50 - '
*1 - * ' E."" ,1' 0 - 50' . 4.' 20*0:1"0*6 .' ,1*<+*4 - + - ' . 0"".8' ,1*60*4 6' 3+'
51 6' 71*1 , .8' 5 .0 .6 1 /08' .4' , .5+6' 40' +* , .' - .<1 + - '71,' 0 6' .671" , .' 51 61" , .'
1 - . * .' 0" 9 1*0' *' 09*1' <+/6.' 4 *+ - '51 6+". 6 1*0 - ' ,1 6 6+0*4. '"1*90' - .<1 0'
60 - 50 . - 0*61' 0 51*4 6' 156. *4+ - '0 0' 5 8' 1 - * 2+8' 06' 0' 0 - 50' 156. "0' +6' :0 .'
1 - . * .' 0" 9 1' .2' * 6 1' .' '$. +"1' 5 1 - +"9.6.' *1*' 1"+ - ' *' J . * , .0' 09*1' 04' +* '
' :0 1' 60 . - - '1 20' +* , .' 06' 2". ' ,0"02 . 06+ ' 04' *0 - *0 - '". 60 0' 51 63+. - '40 6 +41'
- 50 1' 1 - . *1' 51*6 ,+ - ' *' - .<+8' 5160*6 .' . +4. '0 6' .401' +6' .0 . 2+8' 09 2+8' . ,'
,060 8' 1 2 8' 5 *, 5 2+8' "090 - ' - 51*0 0' :1"+0 *6' 0. *' 5 - . - ' 40 - '5 .:1' + '
, ." 8' 0 1 2+8' 71 - *+ - ' ,1 - - 0*6 8' . ,'6. *40 - '50 :0 1' ,+"6+' 0* - '405 .: .6. - ' . ,'
,1 +56. - ' + "0' 40 - ' 0<+8' 0' . ,0 0' 3+0 0".8' 5 1 + - ' : 1 + - '0 - 0*4.6 1*0 - ' *'
, , , "0 .' + 6 .' 5060*6 + - ' .' - *"6 8' .0,+" 8' . * "." + - '" 2 8' ,1* 9*. 6.8' 4' , + .0' 6. *B
40 - '1, , . 1*0 - 5 .02+ 0' ' - +"61 3+0' 0 1 + - ' 06' 50 :0 ' ,+"6+8' 50 6.0 18' 51 63+. - '
*' +2" - ' ""1' 06' 7+ - . *+ - ' - 14+ - ' +50 9 0 1' 51*6 , .0' .+41 6.6 8' 6; 51' *+) . - '
0 - , *4.6 1* 8' 50 - ' : 40 0*6' 0' .2' 1 - . * .0' ,4 8' 1204 0*6 .' 05. . "0' 3+55 0' 3+'
01' 516 +8' 3+. - ' 71 - * 2+8' 2' *' 0" 9 1*0' 5. 0*4+ - '0/ 6 - . 0*6' ' 3+18' ,+ - ' : '
0190 0' 50 ,+"1 - '0 0' , /50 0*6 .' 41,+ 06' 6. *40 - ' *1*' ." +4' - . 9 8' 1551 6+*+ - '

& 0 - 04 . ": + - 3* . - "" 20 .' ," 9 1 * 8 5 1 0 1 5 8 5, - 660 ,6+ ' 3+14 5"+ 2+8

G ' # ' ' 04 6 8 ,1*,0 "+ - ' +6 5 ./' *' 09*1' 6.6+0 06+ ' 6.' ,:1,.6+ - ' - 1/'20""+ - ' .,,0*4 "0
6.3+0 50 ."%0 ' +6 *' +"6 - 1' 0/' 0 :.*41' + . - . - ' ,+ . - '51*0 ,6 ' *0, ' 3+. - : 8 40
- +6.61',1* " 10/'4 :0 8 1, 8 .*60 & ""1,". ' .4:0*6+ - ' .4 0 ."".6+ - ' , "06 ' 40 - ' .4 '
4 4 "%0 ' 3+ 550 + '" 0 6.6+, 06 '5 *, 50 - ' ," 9 1 + - '06 5 - 40*60 - ' * 7 " 40 .*6 3+ +8
7.20 0 '3+. - ' 0 :. ' *1*' 2"+ - ' .4 0/ 6 - .6 1*0 - '06 5+2" , . - ' 0,+ 6.60 - '50 6 *0 0 '
04 : 1".6. - ' ,0 6 - 1' 4 ; * .0 +"6 1* 8 ".90""1' : *4 ,. ' 5 1,+" 4+2 1 6 ' 3+.' *' ,'
1'51 0 5 .060 0 * 9*0 *1 6 .' - 0 - 1 .' ,/0 - 5"+ - ' .4 ". ' +*9. .0 06 $1"1* .,'
09 8 < 3+ ' 4+" ' 51*6 , ' 06 0. 4 * ." 2+8 40 ' : *,+"1' 5 + - ' ' 2"+6+ 18 :.*.' 50 - ? '
5 0*6 2+8 * - 8.+ ,+"6.6' 40 - ' - + .67 ' 7 6 .* ' *1 - * 8 71 6 ' 4.6. - '60 - 0 ,' : 1 '
".: 6 ' 06 - 1/' *90*6 ' ,".40 12 +6+8 ' 40,+8 ' 1508 .,' 5160*6 . - ' " - +" ,+ - ' : 6.' + *1
5 .0" 1. - 66 3+0 *' 0* - ' 0/ 6+ - ' 7.2 6+ + - '71,'20""+ - ' +2 ' *+"".' :0* .0 5,8."60 '
5. 6' +50 .2 6 ' 0/' :0 1 ' ' 20""+ - ' - *+8 0/' 0*60*6 .' 5 1,04.6 ' *1*' 7.202 6 ' +561
0 - 0" 50 ' 40 - ' : 1".6. - '5+2" ,1' 0,+ 6.6 8 .,' 1406.6 8 : *,+"1 ' 3+1' 45*0,' + 8 ,.?
:0 0 51" 6A 06 ' +6 08 0/' :161' +,,04.*6 ' 3+ 8 : 41 .0 .401' +*0 6.0 * 8 0 6 Ñ ,+ - '
5 *, 5 2+8 : 80 - 04 1' +2".6 8 ' .63+0 .401' 5 15 .' . - " .' 09 .' 5.0*,'0/6 *4. ' 06
. - 5+6.61' :0"+6 ' ."60 1' 2 .,7 1 ' 9/' - +6 ".2 6+ ' 09*+ - ' .*9+ *, ' 71 1 0 06 :. 6 6.6,'
- 5"02 6+ ' Ñ 6.3+0 09 ' - 51*0 0 '3+ ' 4 :0 .8 0" 9 1*08 *' 0140 - ' 09*1'61 , . ' ! !'
51" 0 43+0'206" 8 ,.+ . - '5 .020 0 06 12 03+ ' : *,+"+ - ' 1":0 ,' ,1*60*4 - 6 ' *0,' - 0 '
" 1 0 40 *' - 04 + - ' . J0 ' E0 - .* ,1 + - '5 *, 5+ - '0/0 - 5"+ - ' *. - ' *0,' *9+"18
5 *, 508 .560 ,+ - ' 090 E."" .0 ,1 - 5. . ' 51 0 < *0,' 5"28 +"".' 5.4 1*0 +24 6 8 48
0. *'" 20 6.60 - ' ,1*,0" 0 '5 1 *4, '3+.*41 0/' *'6.*6.0 - 1" 8 *0916 1' 0 *',1* " + - '
.47 20 0 4 9*06/ ' ,' ,0* 0 0 < +6 4051" 6.' 20"" ' ,19 6.6 1*0 ' 516 +8 .*, 5 60 - ' 0 '9". '
4 + - ' 6 *9.6 ' 71,' 0 6 ' ,1*, " + - ' *.6 1*."0 " 20 + - ' .,'"09 6 - + - ' .4 ,1 - 51*0*4.' 0 '
" 9 1* 8 4 "" 4 .' ,0"02 .6 ' ,+ 0 ' " . - ' ." 13+ ' 1 + - ' . 69+ *0 .2 * 6 1' - 4.6. - ' .,' '
9.6. - ' 0" 9 1*0 - ' , +1 0 0 - 50 ' - .<1 08 : 0 8 +*56+ . - ' 40 ,060 1' 3+14 0/ 1?
9.6 ' *0 "0 02+8 +1 + - ' $ 160 6.*6 + - ' - - 00.6 ' .+6 ""18 +"".' *' 0X+:06 ,' 5 - 6
2 '50 +.40 0 4020 0 ' 0.40 - ' .,' 07.40*+8 - 140 .6 1*090 " 6 ' 51 1' 090 6+ + - ' 0 6
0 04+ + ' +6 516 +8 0 ' 9"1 .0 06 09* ' E."" , ' 6 .*3+ "" 6.6 ' 6+4+ ""0 3+. - '6+ 2 8
*'." 0*1'0/46.*4 8 .:0 ,' : 40 ' 4020.6 ' .4 0/6 0 - + - ' 090 - ' 1 . 0 ' +6 *' 0.' 0 71*1 ? '
,+ - ' 2 ' 09*1' ."+6. 0 ., *0,0 . + - ' . - , 8 5 *, 5 2+8 .,' : , * 8 +6 "0 ' ,1*B
" + - ' ,.5 .6 ' '

' ' .*60 ,17 '? +""0 +8 (.* - ./ - *+8 .6 1*." + - ' 5 .0 08 06 - , ,. '
61 + - '01' .**1'5 .0 04*8 +606 . - ' ,1*,0 "0 . ' +6 104+8 *1:+ - ' ,+ +8 04+,0 - ' 0/'
5 1 0 +8 0 .6 ' .2 +* :0 8 + 2 8 1 4 * 2) 8 2 , 20*4+ - ' ,+ . 06 ' 4 04+"1' .4+ '
50 ' .667 . - ' .0 + - ' 5 .061 8 $. 0* 8 : ,. + - ' Í 8 9 6+ ' ,+ - ' 1 - +". - ' . A
7 61571 + - '%7+.*+ - ' "0*.6+8 5 *, 50 - ' ,+ - ' 9"". 6 8 09 8) 60 8 406+" 06 '
: 5 +8 06.*6 3+.0) 20 6.6 8 0/' : 6.0 **1,0*6 .,1*6 .4.0 06 *0*8 ' .4 7.0,' .2 1 - * '
.4 1*0 ." 0*+8 ' 6.6 - ' ,.". - + - '51 0 6 ' 06 ' 6 0 .6 *90* 1' 5. .61' ,1*4 6 1* 2+8 ' 3+ ' '
2+8 104+8 0 .:0 ". ' **+02.6 ' .551 6 8 ' +2 0 5 6 ' G+1' ; "2 '5"0 3+0 '3+ '51 60.'
+2 0 5 0 0 ' : '21* ' 0. 4, - ' ,1*4 6 1*08 '6.*61' .+41 0 0506 :0 +76 ' 3+14 .4 1"28
' . - ' +6 24 : 402.6+ 6 + - 57.*60 8 - ."0 7.202.6 '3+ ' + - - ' *' + 20 - .9 "/.6+8 0"19 .'
09 09 + - ' .401 ++ - ' ,1 - - 0*6+ - +9 "". *4 9*.2.*6+ ? 6.3+0 .4 090 - ' 50 , +'
2+*6 ' * 6.*63+0 50 ' 167. *918 '3+14 5 '3+14 5 *, 5 2+8 .,'5 1,0 2+8 ' 3+14 + * '
&0 8 20*0 40 0" 9 1*0 0*6 0*6 2+8 4 * 2+8 5".,+ 6 ' 4 *0 +* +8 5+2) ,1'60 6 - 1* 1'
- 5 12. '5.6 .6+ ' 9 6+ ' 0/' 3+ ' 104+('50 ' 0 3+ 40 - '50 * , 1 - ' ,060 + - ' 0 4+ '
W0 - ' "" +8 5 1 0 +8 .4 0/6 5.*4+ - ' 04. + - ' : - 8 +6 "0 0/ 6 - .2.6 ' 013+0 - .9 8

'% ' $ '?4B ' 7 ' ' + ' ' ' $ $ 6 ' ' 6 ' ' ' '
+ '% ' . ' * ' ' ' s

')ʿ ʿ 0 ʿ (

- .2.6+6% .+.*+ 6 ʿ3+0 *ʿ+65., 8ʿ< 6+4 1 + -ʿ ,ʿ.ʿ$ 160 6.*6 + -ʿ5. 6 2+8ʿ - ./ - 0ʿ. 0ʿ (&
+ -ʿ , 02.6ʿ " +4ʿ - 5 12. ,ʿ +6ʿ . - 1ʿ .6 8 .,0 06ʿ ".+4 + .ʿ? 1 1*+ - ʿ3+ʿ0ʿ.ʿ ' # ʿ")
5 :.6 8ʿ 6+4 8ʿ0 .6ʿ 06ʿ51 60.ʿ" 20""1 + -ʿ /55" 4+ -ʿ *ʿ 09 .ʿ - .9 60ʿ + 6ʿ ,1* 0 6 - ʿ50
4 51 618ʿ 03+18ʿ ,". - ʿ .4ʿ%7+.*+ -ʿ ,1 . - ʿ5"0* +8ʿ 40ʿ 5 +8ʿ ,1* " ʿ .6 1?
< 2+8ʿ ,19*1 ,0 06ʿ 06ʿ.4ʿ 0ʿ 0 06 06ʿ 1 1*+8ʿ 71 - 1ʿ 21*+8ʿ 06ʿ,.*4 4+8ʿ +606 . - ʿ5 1?
04+8ʿ *14+ʿ ,". - %7+.*+ - ʿ" 0ʿ0* - ʿ<+ : 8ʿ0 .6ʿ *0ʿ.2ʿ0 - . 8ʿ619*1 ,0 06+ ʿ,1*
;,* 6ʿ *ʿ.04 2+8ʿ + 8ʿʿ 044<6 3*0ʿU) 60 8ʿ 4+4. 8ʿ 06ʿ .4: h +8ʿ +ʿ ,.+ .ʿ0/51" 6.
".,7 - .(ʿ +6ʿ - 7ʿ 5 0ʿ51 60.ʿ 06+" 6ʿ.2ʿ156 - 1ʿ ; 1ʿ 62ʿ0) ,+ "0ʿ: "+8ʿ 0 6<ʿ 3+ʿ"1?
3+0*60 - ʿ) *9+"6.*6ʿ5041 0 *60 . - 8ʿ , + - ʿ4 6ʿ 3+14ʿ506 8ʿ 09 8ʿ*1 - *0ʿ,1*A"" + - ʿ<
3+ 550ʿ<.)ʿ :1" 6.*60ʿ50ʿ" 208ʿ155 4.ʿ: 018ʿ 1040 0ʿ 0+ʿ 1, 06.60ʿ ,+6ʿ5"0 3+0ʿ :0
5. 6 + - ʿ 6+4 1ʿ :0ʿ 0 9 1* 8ʿ 50, ,ʿ40,056ʿ *1 - 0*ʿ 4040 0ʿ 63+ʿ<. - 4+4+6*ʿ0. *
60 - 50 6.60 - ʿ 09ʿ 06ʿ 09*1ʿ *,+ - 20*60 - ʿ .* - 1ʿ5 1: 4 ʿ 06ʿ 3+.*6+ - ʿ *ʿ - 0ʿ + 6
- 1*+ ʿ 090 - ʿ 09 *. - 3+0ʿ .ʿ,1 6 1* 2+8ʿ ,1*:0*6 ,+) 8ʿ .,ʿ,".*40 6 * 8ʿ 3+.0ʿ? *ʿ+ 20
,,"02 .2.*6+ ʿ,1* " 8ʿ 2ʿ,.:0 0*6ʿ 5+4ʿ - +"618ʿ06 . - ʿ01 + - ʿ3+ʿ,.+ . - ʿ 0" 9 1* (
.9ʿ .6ʿ 8ʿ - 5 +40*60ʿ5. 6 , 5.:0 +*6ʿ .6 1*0ʿ54 : 4ʿ *0ʿ,1*:0*6 ,+" 8ʿ "" 8ʿ *ʿ51 60
+ - ʿ *60 0 "0*6ʿ6 - 40ʿ* 7 "ʿ *ʿ.+".ʿ9 .6 .60ʿ - +"6+ - ʿ *60ʿ,1*, :0 8ʿ - 018ʿ *: 4 .0ʿ 0?
51 6.: ʿ +*,ʿ +50 0 6ʿ +6ʿ - ."+ - ʿ3+14ʿ *+"".ʿ5 +40*6 .ʿ: 6. ʿ51 - 6ʿ<. - ʿ *. - - ?
405"1 0 - +8ʿ *,ʿ+"60 +8ʿ 0 5.6ʿ + 6 .ʿ - 504 6+ ʿ 6ʿ 3+.*3+. - ʿ<+ 61ʿ6. 4 +(ʿ 0*60*
6 . - 19.6+8ʿ 4 , . - ʿ" 20 0ʿ 1 - *0 8ʿ *ʿ 09*1ʿ"09 6 - 1ʿ5. 60 8ʿ.4ʿ0<+8ʿ 50 * , 0 - ʿ5066 ?
*0 0ʿ +<+8ʿ 0ʿ,+ - ʿ$ 160 6.*6 + - ʿ0/0 - 5"+ - ʿ5"0*. - ʿ 40 - ʿ ., .6ʿ 3+ 4ʿ +6+ + - ʿ5+
6 +8ʿʿ .671) ,1 + - ʿ,1 5+8ʿ3+14ʿ *609 + - ʿ7+0ʿ+ 3+0ʿ 0* .* 6ʿ *+*,ʿ .4 1* 2+8
4*4.6+ʿʿ 4ʿ:061ʿ5 1,+"ʿ4+2 1ʿ 06ʿ ʿ0, 0 6 8ʿ,1 6 1* 2+8ʿ)" 8ʿ50ʿ 09 8ʿ4 " - +".6 1
*0 - .+41 6.8ʿ.,,04.6ʿ 0,ʿ50 ,+"1ʿ .48ʿ5 2 50/ ""0ʿ - 7ʿ: ʿ " *6ʿ "" ʿ3) 14ʿ01 + -
,+ - ʿ21*.ʿ9 .6 .ʿ4 4+ - ʿ *60 " 91ʿ3+ʿ 09ʿ.+4 08ʿ +0 ,ʿ3+1ʿ .4 1*0 - ʿ4 "" 5. 06ʿ+6
0ʿ0<+8ʿ4+,0 - ʿ5 1 60 06+ ʿ . * ʿ4+ - ʿ71,ʿ #&ʿ ., 6ʿ 09 . - ʿ - .<0 6.60 - ʿ3+14. - - 141
0/+ 6ʿ<ʿ06ʿ3+ ʿ +5 .ʿ1 - *0 7ʿ,1 - 5. .6"1*0 - ʿ51 6+8ʿ0 6ʿ50 4 6 " - 1ʿ,+ 3+0ʿ,1*4 6 1*0
.03+.6+ ʿ<+ 3+0ʿ +5 0 - ʿ - 50 ʿ3+14 *ʿ16 *08ʿ4 6 1* +.0ʿ +24 618ʿ515+"18ʿ. 01
,1*,0 "+ - ʿ06ʿ"09 6 - .ʿ +,,0 1*0ʿ40".6+ - ʿ7.206ʿ .ʿ 0ʿ .24 ,.6ʿ . - ʿ3+1ʿ50 6 *0 ,
5+6.8ʿ 1, ."0 8ʿ ""18ʿ40"04+8ʿ3+ʿ ,".*40 6 *1ʿ 1040 0ʿ50ʿ155 4.ʿ06ʿ: ,187.20*6+ ʿ *
3+ 2+8ʿ6.*6+ - ʿ 121 8ʿ51*+*6ʿ3+ʿ 0 9 1* 8ʿ:0"1ʿ 104+8ʿ0/,+ .*6ʿ* ʿ+6ʿE.""ʿ50 " - 1
0/0 - 5"1ʿ 041,0.*6+ ʿ."60 +8ʿ3+. - ʿ 09 8ʿ .+ 5 , 8ʿ51 0ʿ - "60 - ʿ 0 2 ʿ 6 50*4 + -
.045 ʿ 40 - ʿ .44 4ʿ20""+ - ʿ90 ʿ40* 3+,ʿ *ʿ 09*1ʿ, 6 .ʿ50 4+0"" 2* 8ʿ , - 0*ʿ." +4
09*+ - ʿ,1* 6 6+ ʿ06ʿ6.*3+. - ʿ,1 51 ʿ3+14ʿ - 1* " ʿ - "0ʿ0 6ʿ *1:+ - ʿ,1 5+8ʿ * 0 0ʿ
3+14ʿ3+. - ʿ50 * , 1 + - ʿ 6ʿ 06ʿ3+. - ʿ"1*9. - ʿ - ."1 + - ʿ 0 0 - ʿ 06 1ʿ 0,+ - ʿ6 .7.6ʿ 0/
5 1ʿ5 +40*6 .ʿ +.ʿ: 40 6ʿ 91ʿ,0 60ʿ3+ʿ 02+8ʿ<. - ʿ,1* 04 8ʿ *ʿ,1* " + - ʿ:1,1 ʿ7.0,
4 / 0ʿ,1*60*6+8ʿ .44. - ʿ5 1: 40 0ʿ * 0ʿ.* - 1ʿ+6ʿ7.0,ʿ. - .ʿ3+.0ʿ.4ʿ 0" 9 1*0 - ʿ6+?
0*4. - ʿ + - +*6+ ʿ ."3+.*4 ʿ *ʿ 09 8ʿ .5+ʿ:0 6.*6+ ʿ *. - ʿ71,ʿ :0"+6ʿ 5 .07 4 1ʿ.
4 1 8ʿ 09 8ʿ5.6 0*6 . - ʿ60*6. ʿ3+.60*+8ʿ6 "60 1 .ʿ40 *,058ʿ 6ʿ".6+ +8ʿ 6ʿ:061ʿ ,ʿ 0/
20*0ʿ,1* +"6+8ʿ 6.6+0 0ʿ40 .06ʿ50ʿ 2, .", 8ʿ ""18ʿ40"04+8ʿ5"020 - ʿ *,1* +"61ʿ 090ʿ06
*0ʿ - .*4.6+ʿ0<+8ʿ . - .6. - ʿ. - .ʿ *,1* +"61ʿ 090ʿ06ʿ *0ʿ ..*4.6+ʿ0<+8ʿ + - 56.ʿ:0"
<+20*60ʿ 5 1ʿ - * * ,ʿ51 6 - 141ʿ4051 6+ . - ʿ<ʿ *03+0ʿ40 +6+ .8ʿ5 .060ʿ 0" 9 1*0 -
,.+ .8ʿ5 1560ʿ3+.8ʿ *ʿ. - 8ʿ 0 - .*0 0ʿ,+5 .6ʿ .4ʿ6 2+61 + - ʿ: 40" ,06ʿ1*0 .ʿ.,ʿ*1:.
:04 9." .ʿ3+.0ʿ.4ʿ*0,0"" 6.60 - ʿ<. - ʿ - 52 6.ʿ +*6ʿ06ʿ3+16 4 0ʿ - 51*+*6+ ʿ 51*60ʿ06
, J .0*ʿ" 2,66.60ʿ0/,+6 0*4.ʿ +"".ʿ *60 - ʿ - .9 6 . - + - ʿ*+) .ʿ<+ 8ʿ *+"".ʿ5 *, 5 8
.6 1ʿ0 6ʿ0 J+ .ʿ 0 - 0"ʿ" ,0*6 .ʿ06ʿ. - 1 + - ʿ: ʿ +2* /.ʿ A. - ʿ,1*, 1*.61 08ʿ.ʿ .4 1 8
,1*4+418ʿ0/ʿ. - 21*0ʿ402.,,7.*60 8ʿ.+4 1ʿ06ʿ1 - %.ʿ:0 2ʿ4 : *ʿ5 .04 ,.6 1*0 *ʿ - .
9 6 .6+8ʿ06ʿ5 *450 - ʿ 5 + - ʿ *:07 ʿ 1*ʿ1 .ʿ .0*. ʿ*1*ʿ:1"+*6.608ʿ,10 ,0 ʿ51
60 6*6<ʿ6.*6.3+0ʿ - 1"08ʿ *,+ - 606ʿ+6ʿ ,+ - ʿ *+ ".0ʿ: 08ʿ,1*6 .ʿ6.*6. - ʿ: - ʿ .6 8ʿ *6
ʿ ʿʿ ʿ+
& ʿ ʿ %ʿ ?) 60 8 4
A % $ I

[illegible]

ˁ # ˁ ˁ

,6". - ˁ 0/ˁ 8ˁ 3+ ˁ ., .ˁ - .<1 - - ˁ ,1"+*6 ˁ 0:+"9. *6 ˁ +6ˁ 5 1560 0.ˁ $ 160 6.*6 - *ˁ 21*.ˁ & ˁ
03+0 6 . 06ˁ .+6ˁ *ˁ 01 + - ˁ 50 "5*.8ˁ 0:0 +8ˁ .* - .4:0 60 06ˁ 3+ 43+. - :0ˁ *,"0 - 0* ˁ
6 *8ˁ 6.6+0 06ˁ 3+ * - 1ˁ 0 - 50 ˁ .2ˁ * 6 1ˁ *ˁ .* - 1ˁ 7.2+ "0 ˁ 018ˁ *ˁ 5.6 1, * + - ˁ ++ - ˁ
6.*3+. - ˁ 418ˁ +24 618ˁ 0450 0 ˁ 06ˁ .2ˁ 1 - * ˁ *<+ .ˁ 50 *40ˁ .,ˁ ,060 18ˁ 6+0 ˁ 5 1 *40ˁ
- . 4. 0ˁ .,ˁ <+20 , ˁ +6ˁ "" ˁ 0ˁ 3+ 0618ˁ ,1*6 *0.*6ˁ .,ˁ *0ˁ 3+ ˁ 41 - ˁ 0,+ 18ˁ ." 3+.ˁ *ˁ 0ˁ
".04.*6ˁ *<+ .:0ˁ .4 4.*6 ˁ 510*.ˁ 50 4+0"" 1* 8ˁ *ˁ +6 1 3+0 ˁ 3+ ˁ 04 41ˁ *1*ˁ 5. +0 *6ˁ
5 151 6.ˁ (04ˁ 5. + - ˁ 01ˁ . 6+ˁ 5 1 04+ - ˁ ,+ - ˁ 06ˁ ˁ 3+ ˁ 20""+ - ˁ ,+5 02.*6 ˁ "./.6 8ˁ 0 ˁ
- 0"ˁ " ,0*6 .0ˁ 7.20* 8ˁ 06ˁ .+41 6.60ˁ 09 .ˁ ,".*40 6 * 8ˁ 1406.6 2+8ˁ .,,040*60ˁ ,+*4.ˁ
2 ˁ - 5+*0ˁ " ,0 0ˁ 0/ 6 - . 0*6ˁ *0,ˁ $ 160 6.*608ˁ .40 - 561ˁ 0" 9 1* 8ˁ 5+2" 31ˁ + + ˁ ,0B
60 .ˁ 61"0 .*4.ˁ .+6ˁ 40* 3+0ˁ 0ˁ .6 8ˁ 41 - ˁ - 618ˁ , 040 0*6
& "" ˁ + G) ˁ . . - 20""+8ˁ .4ˁ ,1 - 6 .ˁ 40"09.6+8ˁ +2ˁ 4ˁ .4ˁ +18ˁ 04 "06ˁ
0/ ˁ 01ˁ *60""041 ˁ 3+ 4ˁ "10 8ˁ *ˁ ,.+ .ˁ 0" 9 1* 8ˁ .4+ - ˁ 0 "06 ˁ 01ˁ - .9 8ˁ * ". - - .6ˁ 5 1ˁ
* 6 9.*60ˁ .* - 18ˁ 1 - * ˁ ." .ˁ 50ˁ .2<04.ˁ .4ˁ 20""+* ˁ 90 0*4+ - ˁ .4< , +*6ˁ ˁ :0 1 12ˁ
150 . - ˁ 09 09 ,ˁ *ˁ ,1 - 6 8ˁ *.:.6. - ˁ 06ˁ .55 12.6. - ˁ +. - ˁ ,+*4 8ˁ 40 - ˁ 1*4.0+cˁ 6.ˁ
6 *3ˁ 2 1.9 + - ˁ .4ˁ 60 - 5+8ˁ 06ˁ +2ˁ ,1*4 6 1*0ˁ .,,056+ - ˁ 0 6 6+ 6ˁ ,+<+8ˁ .4 ˁ - 1/ˁ 5 + - ˁ
510* 6+ 6ˁ *<04.ˁ + 5 , 1*0 ˁ 3+. "ˁ . - 20""+8ˁ *1:.ˁ ,1* " .ˁ 40ˁ 155 41ˁ 09 ˁ :0*40*41ˁ
& 4 ˁ ,ˁ (.*90"." ˁ .* ., ˁ * 6 9.6+ˁ 0 + - 5"""" 06ˁ 6.3+0ˁ 1*4.0+8ˁ 0.40 - ˁ "0: 6.60ˁ 06ˁ
. 6+ˁ 60 + - ˁ "1,+ - ˁ *60 , 5 6ˁ 50 ˁ 4ˁ . 60""+ + - ˁ * +".*+ - ˁ .:. + - ˁ 1 4 *+ - ˁ
4 41 08 ˁ D 9+0 . ˁ ,+<+8ˁ 40 ˁ ** 602.6+ ˁ . - 20""+8 ˁ *ˁ ,+ 614 . - ˁ 4.61ˁ $1 60.ˁ
A1.**08ˁ ˁ ." .,+8ˁ 1*6.,+6+8 ˁ 3+ ˁ "+* - .0ˁ 0 + - ˁ +2ˁ 1*4.01ˁ 5 .00 .6ˁ *ˁ 3+14. - ˁ
"0: ˁ ,1* 4+ˁ ,.56+8 ˁ *40ˁ 1,,. 1*0ˁ " +*56.ˁ .ˁ $ 160 6.*6 + - ˁ 5. 6 2+8ˁ 4 ,040*4 ˁ 0ˁ
41 - + - ˁ 506 6.ˁ 6. - 0*ˁ 5 +8ˁ .ˁ 1*4.01ˁ :0* .ˁ 05 6ˁ *40ˁ +"5 , 1*0ˁ 1 6.ˁ 3+. ˁ ,.5ˁ
. 04. 06ˁ 06ˁ ,+ - ˁ 71 6 2+8ˁ ,1 - - +* , .61ˁ ,1*") 1ˁ 1.9 + - ˁ ,.50 0ˁ *ˁ .* - 1ˁ 7.20 06ˁ
5"0 3+0ˁ 1*4.01ˁ .+41 08ˁ +0 0 ˁ +6ˁ 5 .0 4 . 18ˁ "1,1ˁ .ˁ 1*6.,+61ˁ - 51 618ˁ 04+,0 06ˁ
." 5 3+0ˁ 2 ˁ 418ˁ *ˁ 01 + - ˁ "1,+ - ˁ +2 6 6+0 06ˁ 3+14ˁ)"0ˁ 3+. - : 8ˁ 40ˁ 1*6.,+6ˁ
40 - * - 0ˁ 4+2 6. 0ˁ 5 .0ˁ 0ˁ 0 06ˁ 04+"1ˁ 0, 6ˁ 01ˁ 6.6 - ˁ 5 1 04+8ˁ ˁ 06ˁ 51 63+. - <. ˁ
,12+ - ˁ 1*91 - 0 + - ˁ ,1 - 60 - ˁ "1,1ˁ 5 .051 + 6ˁ *40ˁ 4ˁ . 6ˁ A1.** 8 .*+ - ˁ , ˁ
&0 +8ˁ 0 6ˁ ˁ +2 ˁ ,19* 61ˁ . - 20""+ - ˁ 1.9 + - ˁ ""2 0 056+ - ˁ .4ˁ *<+ . - ˁ 0:1,.*60 - ˁ
,+ - ˁ .* .,1ˁ 06ˁ +41: ,1ˁ 8E0*+"" .,1ˁ &."" .,1 ˁ 3+ ˁ ,,,,ˁ , , 60 ˁ 504 608ˁ ".: .
+ 91ˁ 06ˁ $1*6 5ˁ 0:1,.618ˁ 06ˁ ˁ 033 608ˁ , ,.ˁ 0ˁ 7.202.*6ˁ 1.9 + - ˁ 60 ˁ *60*40 0ˁ
,+ - ˁ .56.ˁ - .*+ˁ 01ˁ 0:1".6ˁ 6.*6.ˁ ,0"0 6. 0 ˁ +6ˁ 5 150ˁ ˁ . 20C + - ˁ 1.9 1ˁ 04,+*60 8ˁ
. - 20"" .*18ˁ .4 0,+6+8ˁ " 6 ˁ 3+ ˁ : /ˁ .6 8ˁ 60 - 5148ˁ 7.2+0 0 ˁ 3+1ˁ 0ˁ . - 20""+ - ˁ .ˁ
3+1ˁ "1,1ˁ J .*, ,1ˁ $1*6 1ˁ *1 - 0* ˁ ,1* 0 0*6ˁ +2 ˁ - 1/ˁ 12 0 ˁ - +* , 5 1?ˁ 40 0 61ˁ
*ˁ . ,0 - ˁ 0ˁ 0, 5 +*6ˁ " 6+ - . - ˁ 40ˁ ,060 1ˁ 5. + - ˁ - +* 6. - ˁ 1*4.01ˁ $1*6 ˁ 40 - ˁ 06ˁ
.* - ˁ - 5160*6 . - ˁ .,,+ .*60ˁ ˁ 3+ ˁ ,+ - ˁ $ 160 6.*6 + - ˁ 0" 9 1*0 - ˁ 5 1 60 06+ ˁ 6. - 0*ˁ
ˁ 71 6 + - ˁ 150 - ˁ - 5"1 . 0ˁ 06" 4ˁ 5 :.6. - ˁ +"6 1*0 - ˁ 01 + - ˁ .+/ " 8ˁ *ˁ ,.+ .0ˁ ,1 - - +* 8ˁ
50 * , 0 - ˁ +6 ˁ *1*ˁ 0 - 20 ,0 06ˁ (04ˁ ,1*6 .ˁ . - 20""+8 ˁ - +"6.ˁ 40ˁ 0" 9 1*0ˁ .,ˁ 40ˁ
+.ˁ 5 .0 .6+8ˁ 06ˁ 5 .0, 5+1ˁ 0 9.ˁ 1*4.0+ - ˁ 12 03+ 1 ˁ 05" ,.2.6ˁ *0 - * ˁ - + - ˁ : 40 ˁ
" ˁ ."" 8ˁ * - ,1 + - ˁ ,.7/ - * 8ˁ .5+4ˁ 5 + - ˁ * - +".6+8 ˁ 12ˁ 43+0ˁ . ,0ˁ 5 - . .ˁ +.ˁ 60 - B
51 0ˁ 6. *ˁ *0,0 . 1ˁ 51" .6+8ˁ ++ - ˁ 50 03+ ˁ 06ˁ 150ˁ . - ,1 + - ˁ . - .ˁ 0, 50 . 0ˁ *ˁ .* ˁ
<*+ - ˁ *4+/0 6ˁ + - ˁ * 7 "1 - *+8ˁ 1*4.0+8ˁ 12 4 1*0 - ˁ + 90 06ˁ 6. - 0*ˁ "0*60ˁ 0ˁ
5 1,040+60 ˁ 06ˁ 0 +56 1*0ˁ 3+.4. - ˁ ,.561ˁ ˁ 0" ˁ .2ˁ 12 0 8ˁ 9*1 ˁ .4ˁ 0/6 0 - + - ˁ 0 ˁ
4+.* ˁ +50 :076+ˁ *40ˁ 0ˁ * 0 4.ˁ 4 ,0 + - ˁ 0 6ˁ .:. 1ˁ 1*4.0+ - ˁ 50 ˁ " 60 .8ˁ .4 - 1 ˁ
*0*60 ˁ +6ˁ +27.0,ˁ * 6 .ˁ * 7 "ˁ 5 10" ˁ ."0.0ˁ 60 - 0 0ˁ ,1 - - 660 ˁ 06 ˁ *. - ˁ .4ˁ . - . - 6+ ˁ
*4. - ˁ 50 6 *0 0 ˁ +6ˁ * 7 "M 61ˁ +,,0 +ˁ 60*606+ ˁ 6.3+0ˁ 4 6 2+6ˁ 6.6 - ˁ 50 ˁ 5 .0 4 .
ˁ : , *.

& ˁ % ˁ V 6+0*4. - ˁ 3+.ˁ 20"".ˁ ,1* 6.*6 ˁ 50 6<*0 0ˁ 65ˁ
ˁ %ˁ ˁ ˁ $? ? ˁ ˁ ˁ % ˁ D ˁ +ˁ , $ˁ ˁ ˁ 5 , .ˁ ˁ $ˁ .
$ˁ ' $ ˁ ˁ 5 ˁ W8ˁ ! 6 ˁ ? $ˁ $ˁ ˁ ˁ % ˁ ˁ , ˁ & ˁ
ˁ ˁ . ˁ % 0 ˁ % ˁ H0ˁ 4 $ˁ /% # ˁ ˁ ˁ %
1 ˁ ˁ Tˁ

_J . ' ' ! , ' 4'

G G & ' : , * . ' * ' ? (. *61* 2+8' 06' "*060*" ' 5.90' 06' , ,+ - 51 6 8' * +" 8' - "6,8' *60 0.' *'
' # ' ' $, 1* 2+8, 0"". ' 4040*60' ' 1*061'. ' 09 8' 0,056.'0 6' 3+.' *' 12" 4 1*0' +41: 0+8'
0% 0 - 1"" +8'%71. 6'4+/' 5 1: *, .0' 09+"+8'06' ,15 8' 09 8'5 .051 6+8' 3+ < +6A. ,12+8'
' + - 0 +8' *' $, . 4 . ' " 0' *' $ 61* 2+8' 1040 8' *1: ' . * , 0*4 ' . +4"1 ' +0 .6' .66 61'
0/' "1*9 8'. 67 6 4 8'41"1 2+8' ,1 51 0' *1*' 6.' 0*0/' 40,0 6 6' 0" 4 8' 0/'A1. **.' 1 - 1 '
.*6 .' +/1 0' ". +4 1' 06' . "16. .67. * .' 6 50 6 6 2+8' " 20 8' 3+ ' 6. *6.0' . - " .0'
5.0*0' <. ,0*6 8' 40,+8'51 60.' *' + - - + - ' 5"0*41 0 - '0:0/0 +*6' 140* ' +, ,0 6)' 9' 0 '
5 *+66" - + * 6 - *' .4' . . *61* + - ', . 60""+ - ' 7. *4' "1*90' .' 19* . ,1 ' : /' : 1' 71 6, '
404 6+ - ' 0 6' G+. - 12 0 - ' 8' 3+ ' "1,1'5 .00 .6' 51 60.' <+ "" ' 2 +5 +", .+4 ' ,1 - 6 8' *'
' , . ,0 0 - ' $1*6 ' 6 + +8' 0 6' A. - 3+0' 5. - ' " ,0*6 1 0' 09 ' 50 ' (. *61*08' 6 . * - 2'
.4 . "" .2+ 9+ - ' . . *61*1 ' : .9.2. *6+ ' (. : * . * . *1' 3+14' 0 6' * 2 ' 4 :08' - + '
* , 5 + - ' . : . 0' 4 0561' G+14' ,+ - ' 40 - ' . ,0 0']%1* .0 ' .4' . . *61* + - ' 60*6. "0*6'
.' + , .' 6 0*+1'1 4 *+ - ' 4+41 0' ,+ - ' 4. - *1' 05+"" ' +*6' 06' 50 ' 616+* ' " + - ' 6 .4+ - '
3+ ' .' '%1* .01' .4' 161* . - ' 06' (. : * . * . *1' .4' ? . - 2+ 9+ - ' +"3 0' 0 ' 19* . ,+ - '
51 9 6+ ' .4' 5 .04.8' 0' 0 +40 0' G+1' 60 - 51 0' 1*4.0+8' 3+ ' ' (+2 C.' 6 . 0**.8'
:0*0 .6' 0* ,+ - ' V'%' + + - '%' + 0* .0' : ,0,1 - 60 - ' &0 6 * .' $06 1,1 1* - ' 6 ,' ,+ - '
." 3+16' ,15 8' :0* 0*60 - ' 1550 6+ +8' 1.9 + - ' ,1* ,0" 6' 06' *40' ,1* ,0*". ' * . :0' + '
50"". - ' .4' 104+8' ,1*6 . + - ' 5, ,+6 0*4+ - ' 60*4 6' +2' 50 ' . - 20"" ' .6 0 - ' + '
* 1 0 - ' . : . ' " 60 .8' . , ,05 6' 3+ 2+8' 40' *4+, 8' *' / :' 4 08' 5 .4 8' 3+ .0' *' : ' 4 '
5 ' 0/ 2. *6' ,0 6 1 ' 02.6' 6.' 0* - ' ,+ - ' 1*50* 0 1' ? 0 90 . ,+ - ' *' $06 1,1 8'
*+50 ' .' 090' - "2 ' +6' 40' 5. ,0' .90 0*6' ,1* :0* 0

' ' ' 4+ - ' 90 0 0*6+ ' 0 ' 4+18' 0/0 , 6+8' ,1* 0 5 0 .6' 3+1 + - ' . "60 + - '
. 1"1' ; 04+. * .0' 4+, ' 3+ ' <. - ' C 04 1". * + - ' (. *61* + - ' ,+ - ' . . $ 9."". 1' +"J0,1'
06' +5 2. 61* 1' 5 .0 - " +8' :0*0 .6' .66 2+ 6' ."60 ' *4 *1' .6 ' *' 6+ 9.8' 0,'
:0 - 18' 5 1 04+ 1' ,1 - - +8' 0 6' ' 3+ ' 7. 6.0+ - ' . *60' 1 - * .' 12"0 " +8' 506 61' .'
090' ,1 - - 0.6+ ' "10" 8' : ' 4' 5 ' 4 ",0"" 6' 06' 50 ' 4 "51 6618' 03+18' 51 6 4 0' E0 '
* .2+ - ' :0 6' *40' - "2' .4' 090 - ' $7 " 551' *90**01' J. 9 1 ' +6' 40' :1"+*6.60'
0<+8' 5"0* +8' ,19*1 00 06' 50 ' UU 1* .4. - ' 06' $+"" . ,+ - ' 60 ' 7.2+ 6' ' 6 . * - 23+,'
' 90 ' .4' 68' .50"". - ' :0* 6' *1*' "1*90' .' 7. 6.01' 3+14' 0 .6' (. .0' . 6 *0*9 '
3+ ' 504 6.6+ ' 5 .00 . ' " 1 5 6 + - ' 7. 6.0+ - ' 60*02.6' A. ,12+8' V' 1 19+8' . *4+8
' 5 - . +8' 155 4 ' , : 8' 06' .+" , 8' ." 3+16' - +*0 2+8' +5 .' 0. *' ,1*4 6 1*, - ' 51 6+8' '
,+ - ' &' "9* 8 ' + - ' 01' 0 . *6' $7 " ' . * +8' (." * +8' 1,"0+8' &." * : "". ' & "". *1 '
: . *+8' 06# . * : "". ' + - 3+0' 5 - 1' .55+" +' .4' 51*60*.' 155 41' 6 2<04+ - ' : 8' .4 .'
0 "06' ' " ' S." ' . .8' ,1"+2 * .' .2' 12 0 " 8' 4 "5"1 .' D# . 6 *0*9+8' *' 7+ - 0 1' 4+8' 0 6' '
3+1' 0/' :+"*, 0' + 6 .' 60*6.6 8' 0 - 04 8' 40,0 6 6' 20""1' 4+/' 6 0*++8' 06' : . 8' 0/504 '
6 1* 2+8' 0/0 , 6.6+8' 09 * .03+0' 50 ,7. .8' ,+<+8' <+ " ' , , ; 5+8' +606 . - ' . "". 6+ - ' 06' *'
10"0 6 *1 + - ' ,10*12 1' 71*1 ,0' 05+"6+ - ' 0 6' + - ' *4 *1' 0 . *6' E+ "+8' '
:0 * +8' 06' + - ." +8' 4+ 08' 1*+8 0' 61 - 0*6. .0' 5 .00 .6' +4 .' 1" . ' 41" . : '
- *0.' .' :0 * 15 1 - 16.' +*6' 06' ' 61 - 0*6.' - 51 66.' < 3+ 2+8' 6+ 8 + . * . ,'
5 1<04.0' - +* 6 1*08' 40,+ ".0' +*6' 1/' 06' , 05 41' 1 ".0' .' E+ 1' 1, ,+5.6.' 0 6' :0 '
20 .6 1*0' .2' + - ." 1' 06 1' * 6 6+6.' 3+ .0' 6+ 0 - ' : ." 4. 6' 1551 6. - ' :0 20 .2.6' *'
- 1' 51*60' 12 0"(' - +* 6 1*0 - ' 0/, 6. :0 . *6' < 3+. - ' ". +4 +8' BB' 0""1: ""0 +8' J. * '
* . * ' ,1 - 08' ,+ - ' "09 1*0' + .' 6 . *8' 90 - ' 155+9* .2.6' *, "3+0' 4+.2+8' 51*6 8
5 " 8

[illegible]

R " (%) ʿ 6 " ʿ * ʿ '_q

5 ""8ʿ26**ʿ0/ʿ5. 60ʿ, *902.6ʿ G 0ʿ.+/ " ʿ.2ʿ155 4.* 8ʿ:0*6+ ʿ1*<* *1ʿ5 .,, .ʿ 0ʿ &
-+-ʿ5 4ʿS."ʿ . .8ʿ : 1"0*6.ʿ :, 20 .6 1*0ʿ+2 3+,ʿ616+ ʿ4 0-ʿ,1*6 *+.6.ʿ51 6 ʿ ' # ʿ G4
4 0ʿ ʿ?(6.-50* 8ʿJ - 6.*+8ʿ.,,056.ʿ 40ʿ *ʿ155 4+-ʿ.4- 66 6+ ʿ3+ʿ,+-ʿ12 0 " 8
.4 , 60*4+-ʿ -5. 2+8ʿ40ʿ404 6 1*0ʿ.90 06ʿ %.*40-ʿ4.6ʿ12 408ʿ06ʿ 140-ʿ4 4
+ 28ʿ404 6.ʿ0 6ʿ4 - " 8ʿ*12 " 2+8ʿ,+-ʿ03+ 8ʿ06ʿ. - 8ʿ - " 6 2+8ʿ,+-ʿ9".4 1ʿ ,6ʿ *6+
6+-ʿ404+ 6 8ʿ 5 0ʿ *4 *+8ʿ50ʿ + *. *ʿ.2ʿ + - ." 1ʿ . 6.-ʿ+ 20-ʿ *9 0 "+8ʿ0 6ʿ 6.
6 - 3+,ʿ 0" 41ʿ *ʿ0/0 , 6+ʿ3+ ʿ50ʿ0<+8ʿ.2 0*6 .-ʿ5 .00 06ʿ :0 * 1ʿ +-E+ 1?
06." 8ʿ0ʿ5 - . .ʿ*12 " 6.60ʿ50 ʿ4 51"618ʿ03+18ʿ.4ʿ 090-ʿ "10 8ʿ.47+,ʿ7.0 0*60-
40ʿ +,,0 "+ʿ96.6+".6+ +8 06 3+1ʿ4+,0*4+-0 "06 5"0* +80/ʿ 5 1ʿ019* 6+ +8 ,1*60*4 6
ʿ # 5-ʿ *ʿ :0 *18ʿ404+4+8ʿ0/0 , 6+8ʿ.4ʿ 0, 50 .*4. 5,.ʿ *ʿ0.ʿ5 1: *, .ʿ.ʿ
$ 160 6.*6 2+8ʿ1,0+5.6.ʿ .667.0+8ʿ 0 +".ʿ) 6 ,0* 8ʿ,. - *.61 8ʿ".*.0ʿ "+8ʿ 04ʿ
20"" 8ʿ 3+.0ʿ ,1*6 *+.ʿ 0 0ʿ *ʿ (056 - .* .ʿ7.40*+8ʿ +0 .*6ʿ **+6 6+8 ʿ71-1ʿ +5 .ʿ
1 6+*.-ʿ.+4./ʿ06ʿ 6 0*++8ʿ,ʿ" 1 .,+-ʿ06ʿ -2. - -ʿ.*60ʿ3+.4 0** + - . 6+ʿ *60 ʿ
,050 .6ʿ06ʿ -51 61ʿ5 .0 4 1ʿ -+* :0 .6ʿ51 60.3+0ʿ155 41ʿ *ʿ - .*+8ʿ ʿ 7.:.* .,ʿ
<+ "+ʿ .:. ʿ,1* 9*.61ʿ *ʿUE070**.8ʿ-1*608ʿ.63+0ʿ.401ʿʿ . 1"19 +-ʿ6ʿ A.2."8;ʿ
3+14ʿ +2ʿ 4ʿ60-5+8ʿ*14+ʿ.4-16 8ʿ, 05 6.,+" 8ʿ1,,+5.: 6ʿ6.*3+.-ʿ *ʿ6+6 -+-ʿ 2ʿ
50 +9 + - ʿ,1*,0 "0 .6ʿ "2 .,+-ʿ.4ʿ .4 ,08ʿ -1*6 +-ʿ"1,1ʿ 9+1ʿ06ʿ<+/6.ʿ. .10*.ʿ
6+-ʿ0 6ʿ. - * ,+"1ʿ -51 6+ - ʿ - 0 ,.61 2+8ʿ 03+0*8ʿ (0"3+ʿ.27 *,ʿ"0+,.8 ".:0ʿ
".2 6+ ʿ3+ʿ:.""0-ʿ-04 .-ʿ *60 ʿ155 4+-ʿ06ʿ ʿ$0 6+".-ʿ. ,0-ʿ4 : 4 6ʿ $ .0- +8ʿ
E+ +8ʿ3+ ʿ50ʿ 0, ."0-ʿ5 .0" 4 . 18ʿ404 6 1*0-ʿ .,0 0ʿ<+20 06ʿ3+0 *ʿ ""ʿ.4- +-ʿ
,+-ʿ +50 21ʿ 0 51* 1ʿ4 - 0 +*6ʿ 6.3+0ʿ5 1-16.ʿ,. 6 .ʿ06ʿIʿ .-5.*+8ʿ"09 1* 8ʿ4+/ʿ
+ 20-ʿ12 4 1*0ʿ, */ 6ʿ/ ʿS."ʿA+*ʿ0 +56 1*0ʿ -1/ʿ.2ʿ12 0 " 8ʿ .4.ʿ,ʿ+6 *3+0ʿ40ʿ
40 .6ʿ 0 *.4:0*0 0 (.*6.* .*ʿ,1- 6 8 06A., (.:. .*,1- ʿ"09 1*08<ʿ01ʿ
+-3+0ʿ.4:0*6+ʿ0 +56 1*0ʿ .4.ʿ4+2 3ʿ0:0*6+ʿ5+9*.6+-ʿ 4ʿ 09ʿ50ʿ" 60 .8ʿ 9* ʿ
,.6+-ʿ,+-ʿ3+1ʿ6+*,ʿ0 .6ʿ *4 *+8ʿ3+ʿ5 16 *+8ʿVI "10""8ʿ506 6.ʿ.ʿ .6 0ʿ:0* .ʿ.4ʿ
0/0 , 6+-ʿ ,:1".: 6ʿ06ʿ50ʿU 0*60"".8ʿ *ʿ 1 8ʿ .41ʿ 6 *0 0ʿ1 91- .9ʿ +-561ʿ
5 .*4 1ʿ: ʿS."ʿA+*ʿ,+ -ʿ50ʿ?ʿ 1* 0 .*4+-ʿ:04+8ʿʿ ". 1-1*6 +-ʿ0140-ʿ4 0ʿ
:0*6ʿ $1 6 4 0ʿ "."4+- "09 1 +-ʿ. 00-ʿ .,,0 6ʿ7.*4ʿ"1*90ʿ.2ʿ 1 ".,1<ʿ
+2ʿ,1*, " 1ʿ4+,+-ʿ7.2 61ʿ:0 20 .6 1ʿ4 :0 8ʿ"1, 8ʿ -50 .6+ ʿ % 08ʿ + - - ʿ4+,08ʿ.4ʿ
4ʿ40 6 *.6ʿ E+ +8ʿ3+.6+1ʿ * 03+0*6 2+8ʿ4 02+8ʿ.4ʿ?$1*6 ,+"+-ʿ6+-+"18ʿ4+18ʿ0/ʿ
, 6.: 6ʿ3+ 2+8ʿ61 -0*6.ʿ: ʿ -51 6.ʿ $7 " 55+8ʿ - - .*+0ʿV 167. *9+8ʿ 0 ,+ ʿ
4+/ʿ06ʿ "1 6.0ʿ 09 *.0ʿ 6.60ʿ0/ʿ.4:0 1ʿ51*6 8ʿ:0 20 .6 1*0-ʿ +.-ʿ4 0/0 .6ʿ3+.0ʿ
.4ʿ ʿ 4ʿA+* ʿ*) 3+.-ʿ *60 - " 6ʿ +41: ,+8ʿE1*C.9. :0 * ʿ4+/ʿ,1*6 .ʿ? . ʿ
2 90"".-ʿ51 6.-ʿ-.,7 *.8ʿ4 0/ 6ʿ +-ʿ,1*6 *+.6+ ʿ:0 20 .6 1ʿ ʿ 1* ʿA+* ʿ6.*6.ʿ
60-50 6.8ʿ50 ʿ71 .-ʿ *,+2+ 6ʿ -2 0ʿ06ʿ +"9+ 0ʿ, 02 8ʿ 9* 2+8ʿ - ,.*60ʿ9"1-0 .6.ʿ+6ʿ
5 .0 4 . ʿ5 1ʿ -+ 8ʿ 6.6 1*08ʿ 09 ʿ:.""+-ʿ40"0 0 0ʿ,190 0*6+ ʿ %.*40-ʿ-.<1 8ʿ
60-5"ʿ6+ 8ʿ +"- *0ʿ6.4.ʿ06ʿ3+. 6.6.ʿ0 6ʿ $1 6 4 0ʿ.4ʿ . 2 90"".-ʿ51 6.-ʿ 04 *60ʿ
9 .6.ʿ:0 20 .6 1ʿ.ʿ :0 * 1ʿ + *.ʿ 5.6 1 .ʿ04 6.ʿ3+.-ʿ12 0" ʿ . , 0ʿ"+- -.ʿ4 " 90*ʿ
6.ʿ,1*.6ʿ +*6ʿ (03+0*6ʿ4 0ʿ * 0" /ʿ12 0 1 +-ʿ0 +56 1ʿ +6ʿ-+"6 8ʿ0/ʿ 8ʿ40 40 .6 8ʿ
*1**+"" 8ʿ06 .-ʿ0/ʿ*1 6 8ʿ9 .: 60ʿ .+, .6 8ʿ 0 *ʿ,+-ʿ *4 *+8ʿ *ʿ,. 6 .ʿ:0* "06ʿ
ʿ ,1, " 1ʿ5 1,0 +-ʿ40, 06+-ʿ0 6ʿ3+1ʿE.""1 +-ʿ .*9+ *ʿ5. ,0 06+ ʿ +6ʿ12 0"Eʿ
+ +8ʿ50ʿ 0, ."0-ʿ.4ʿ404 6 1*0-ʿ" *0ʿ,1*4 6 1*0ʿ ., 0*4.-ʿ 1" , 6. 0*6+ ʿ3+14ʿ ""ʿ
.,0 0ʿ 0,+ . +*6ʿ 50ʿ *60 -ʿ40ʿ.+/ " 8ʿ.ʿ 0 +".ʿ,1* -.6.ʿ 6.3+0ʿ155+9*.6 1ʿ
6 2+8ʿ5. 6 2+8ʿ5 1*+*, .6+ʿ<ʿ06ʿE+ +8ʿ *0 - 8ʿ0<+"3+0ʿ0/0-5"1ʿ5"0 3+0ʿ0/ʿ*12 " ʿ
6.60ʿ,+-ʿ - " 60ʿ *ʿ -+ +-ʿ0* / ʿ +*6ʿ + - -1ʿ,+-ʿ4. -*1ʿ *40ʿ51 6 0-1ʿ40<04
A.,12+8

9-6YDY!ʿ42 # ")ʿ ʿ ʿ ʿ5 =#$ < ʿ # ʿ ʿ2 Cʿ ʿ ʿ/ !#$
?&& ʿ+$ʿ ' ʿ ʿ ʿ 6 .ʿ ʿ$ʿ 6 $ʿ 2 $0ʿ1+ʿ $ʿ ʿ, 6 ʿ
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- 506 .6+ - *60 0* - +50"". *1 + * ' 6.3 0 6.6" - 62 - 0" 6.' 06 .+/6" 08 60:1, .6 ' G 2 & ' '
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' 5.4 ' ' 3+ 2+8 6. - 0*' .' - " 60 ' 3+ ' *+""2' *1 ' .0:R .0 ' .:. 6 .0 ., ' " 2 4 * 8 *'0.' / /'
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. *61* - '40 "04 6 ' 3, + 7 *' 6"5.' 6650 1 0 "+& '51" 6+*" '0+ '155 4+ - ' * 0) 8 +20 6
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- ./ - 0 $ 160 6. *60 8 51 60.' * 0 6. : 6' 6.' ,1 '3) . 6 2 6+*.'$ 160 6. *6 + *' 5. 608 40?
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? 5 .0, 5+0 $1" 6 ,0 ' 3+ ' 1, 06.60 - ' ,+ - '$X 60 6. *6 2) 8 * 0 . *6 ' - +"6 ' 06 . - ' 5. , 8
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- "" 6. 8 50 6.0 18 20"" ' 6.04) - ' ,0< 0 .6 ' (+2 4' 60 - 5+8 1* 0 . *4+8 V . *91 '
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5.66 2+8 4 00 6' ' ,+<+8 0/0 - 5"+ - ' :0 R+8 . : . +8*0 ' 5"0 3+0 03+0 0 6+ ' 5 1 '
50 0 0/' ' 0*0. * ' 5.91 ' 3+1' .4 *: 0*4. ^ ' 1 1 0*(' 0/,+ 0 .6 ' 0 . ,+ - ' 04 6
' 3+. : 8 5. , 8 ,1*4 6 1*08 - 141' *1*' 1 - * *1' * 3+.8 . - 5"04 ' 5. .6+8 ' A. - 3) 0 J . * '
4 ,+8 ' (, . +8 06 51 6 0+ - '$06 +8 & " . +8 ,7 05 0 5+8 '& 0**0*" 8 0 90 . ,+ - '
+2 ' < . - ' 1*50* 0 +8 0 .6 ' :0*0 . *6 ' . : . + - ' 01' 2 0: ' :0*6+ + - ' 1550 0*608 '
,+ - ' 1*4.0+8 6 * + ". *18 0:1, .6 '06 ' 3+1' ,". 8 + 4 9.".0 * 6 +4.0 ,1* .6.'60*4. *6 '
1 60*4 6 ' * - + - '+6 *' * + ". 8 0/ 00* 1*0 .4.'0/6 +4 3+0 .4 .4 6+8 - +* 6 1* 2+8
+50"". - ' * ' . 4+ - ' .2 0/6 - .' 5. 60 ,19. *6 ' ." *. + - ' + ' .401' $ 160 6. *6 2+8
+4+1 1' .40 - 561 ' 04+. * +8 :061' 155+9) .6 1*0 60 0 6 + 20 - ' , *9.6 ' 06 6.' +* ' '
4 3+00 *4. - .4 404 6 1* 8 *0,0 6.60 .' 6. *40 - ' .4 9.6 ' 6+ *' 018 71 6.6+ ' +6 . *R '
- 1(<1508 ' *4+ 6 . - ' .4 5 15+ 4+ - ' ,1 - - +*0 50 ,+"+ - ' ,1* 0 . *6 ' .40 - ' .5+4
+50"". *18 5 18 1 .6 1*0 + +8 51 6 0 - 1' 50 : , 6 ' +6 ' * + ". * 8 150 . - ' +. - ' 06 1508 '
3+.8 51 "0*6 ' 40 0 0*6 2+8 ' ,". 8 / /' * . : + - ' * "/+0 06+ ' ' *' ,+<+8 + - 56+8 /' .+ 01 '
+ - ' ' .' ,' , : 2+8 - +6+1' + - 56. ' / /' 4+,08 40"04 < 3+ 2+8 E01 9 +8 V ". 1 '
- 1*6 +8 - 21 . *+8 ,+ - ' + - - 1' - 50 1' 5 .0 04+8 0 6 ' *60 0.' 04+. * +8 .4 . '
. *+ - ' , . 6 .' 51* 6 5 4' 1* ' . .8 ' + - 561' .4 Z' 1."" + - ' ' .' +50"". ' "0+, 8
73 5 6 1 ' ' +* 0 5 + - ' 4' 0 6 +*4 3+0' 5."+4 6 - 8 , *4+ - ' ' 4013+0 03+ 6.6+ ' * . , ,0 ?
+ - ' *00 . , "0 504 6 ' 50 : + - ' G+ .' .+60 - ' - +"6 8 "1, 8 .4 - '06 ,15 1 1' - " 60 .4
.4 6+8 0 : . *418 *4 906 ' 1*4.01' .2 * 6 1' 5". ,+0 .6 ' +6 "1,+8 40 0 , 06+ ' (04
L' ' ' ' +50"". *

' ' '% ' ' '$ ' #^' .' 0 ' + $' ' D N ' '4 0 ' $' " .' $ *
'% 6 ' '/ ' U+ '& ' ' + '& .' ^ . 0' ' ' -/' '5 . $ ' ' " . '
' R , ' " ' $ ' ' ' V' ' ' '5 ' #4 A ' D%
22 ' # I' #' . ' ' - ' ! " ! ! ' - I' - , ! / ! ' _' a - !

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ˁ & ˁ +50"".* ˁ 3+1 + - ˁ *60 0 .6ˁ"1,+ - ˁ 0 : . ˁ 5. + - 40ˁ 50 ,+"1ˁ 40 0* 1 + - ˁ 1""5 6" ˁ
' # ˁ) ˁ 60*+0 .* ˁ +6ˁ 5 .0 4 + - ˁ - + - ˁ - 51*0 06+ ˁ 4+,0ˁ # $15,"" *, 1 ˁ 3+ ˁ <. - ˁ 61618ˁ
6 48ˁ - 0* 0 8ˁ,+ - ˁ , , ˁ ,"15506. 8 06ˁ / / ˁ 03+ 6 2+8ˁ ,1*6 .ˁ ˁ J1*60*. 0* + - ˁ 06ˁ 1 ˁ
6 .*1 + - ˁ *,+ 1*08ˁ . , ˁ ,1*.6. ˁ "1,+ - ˁ 40 0*40 .6 ˁ &0 + - ˁ *60"", 61ˁ .0+ - ˁ
.ˁ 04+.* 1ˁ , .56+ - ˁ <. - 3+0ˁ *ˁ 01ˁ 0" 0ˁ 09 18 ˁ +6ˁ ˁ . .*+ - ˁ 12 40 ,*6ˁ 1*4 . ,+ - ˁ
06ˁ +50"".*18ˁ 40ˁ 5 1 - 8ˁ .+/ " 8ˁ *60 50"".6ˁ .ˁ 3+ 2+8ˁ . , ,056 8ˁ , ,ˁ 4"15506. 8ˁ
, - - 0.6+ˁ "1,+ - ˁ 5 1ˁ 60 - 51 0ˁ - + - 6 ˁ 06ˁ. ,0 - ˁ *ˁ 5 - 8ˁ 7.40*+8ˁ *,9"04. - ˁ 3+. - ˁ
06 . - ˁ , .561ˁ - +* , 5 1 ˁ 6+0 ˁ *ˁ .* - 1ˁ 7.202.6ˁ *60 0.ˁ 04+.* +85."+40 - ˁ 50 ˁ
,1*6.6+ ˁ 06ˁ <+/6. ˁ 0ˁ . 6 " . - ˁ 51*60 - ˁ ,1* 6 + ˁ <+706ˁ 4.61ˁ ˁ +5 2. 61* 1ˁ *,916 1 ˁ
+6ˁ - +* 6 1*08ˁ , ,+ - ˁ 0/ 6 + 6.8ˁ 50 ˁ 51*60 - ˁ *,040*6 2+8ˁ + 8ˁ *,1 - - 14.6+ .8ˁ , . ˁ
50 06ˁ < ˁ ,19* 61 ˁ 12 0 ˁ *,1* +"61ˁ 4+,0 ˁ ,+ - ˁ 5 +8ˁ 40 - ˁ 40ˁ + 6 *0*41ˁ 71 6 + - ˁ
- 506+ˁ 12" 9. 0*6ˁ " 9*.ˁ .5 +*6 ˁ 06ˁ 0ˁ .4ˁ 4 , ,"%+ - ˁ 5. .*6ˁ $150"" *0 1ˁ 5 0, 2+8ˁ . ,ˁ
- * 8ˁ 018ˁ +03+ 3+. - ˁ 1260 6.*60 ˁ +6ˁ 6.*6 50 ˁ 0 - .*0 0*6ˁ 4+ - ˁ .ˁ 1*4.01 ˁ 3+ ˁ *ˁ
5 1/ - 1ˁ 0 .6ˁ *1: .ˁ - .*4.6.ˁ . , , 50 0*6ˁ (04ˁ * 7 ˁ .4:0 +8ˁ 12 6 *.6+ - ˁ 5 .0 4 . 1?
+ - ˁ 5 251 6+ - ˁ 4+48ˁ 5 0,08ˁ : ."+0 0 ˁ 3+ *ˁ "" ˁ + - - 1ˁ - .*0ˁ 0ˁ 9* 8ˁ 0/5" , .6 8ˁ .4ˁ
+18ˁ 0, 50 0*6ˁ *1*ˁ 50 *40ˁ 20*0ˁ .ˁ +50"".* 8ˁ , / ,056 ˁ 3+ ˁ . - "2ˁ . .*1ˁ ,+ - ˁ 0ˁ *ˁ
+ - - .8ˁ .*9+ 6 .8ˁ ,5*<0418ˁ : 40 0*6ˁ ,". 0 - ˁ 40 6 *.6. - ˁ - .6+ .*6ˁ * 6.*60ˁ D!ˁ 8ˁ 12 ˁ
*0""1 ˁ 0. - 3+0ˁ 0/ˁ *. : 2+8 ˁ 3+.8ˁ 1.9 ˁ 6 60 .*6ˁ .55. .*6ˁ 50,+* . - 3+, ˁ .4ˁ 4ˁ 40 6 B
*.6. - ˁ 06 . - ˁ .2ˁ *: 6 8ˁ 0/ 90*6ˁ + - ˁ .+60 - ˁ 5 .4 4 . ˁ 3+ ˁ . .*1ˁ 09 0 ""ˁ 0 .56ˁ
, , .ˁ +50"". - ˁ : .9. 0*6+ ˁ 7.+ ˁ ".6 8ˁ - +* 6 8ˁ 71"5 6 8ˁ 3+14ˁ 018ˁ *6 .ˁ + 18ˁ . , , 50 , ˁ
" ,06ˁ 71 60ˁ : , *1 ˁ 155 4.* ˁ 0,+ . 0*6ˁ , .56.ˁ *40ˁ 1, , ." 1*0 ˁ 04+.* +8ˁ *ˁ 018ˁ , /ˁ - j ˁ
5 1: 1ˁ - 1:0 ˁ 06ˁ 3+1"4. - ˁ 71"5 6 1ˁ 0/+ 6ˁ 0 *ˁ - .<1 0ˁ - 1"0ˁ ,0 6.6+ - ˁ 0 +56 1*, ˁ
.ˁ +50"".* 8ˁ .4. ˁ *03+0ˁ - .9*1ˁ 6. - 0*ˁ 150 .0ˁ 5 06 1 ˁ 1/ˁ 04+.* +8ˁ 6+2 ,"*0 - ˁ
.4ˁ 1*4.0+ - ˁ - 66 6 ˁ 06ˁ * 1"0*6 ". , : .ˁ 0+ - ˁ .4ˁ 7. 6.0ˁ ,0 6. - 0*ˁ 0,+ - ˁ *: 6.6ˁ " ˁ
60 - ˁ 0/ˁ *12 " 6460ˁ 1*4.0.*18ˁ 5 1:1, .*6ˁ ˁ 3+ ˁ 0"%0*6ˁ 3+ ˁ : 6+6 8ˁ +.0ˁ 50 ,+"+ - ˁ
*ˁ 41 - *. + - ˁ 9 .6 . - ˁ . ,0 0ˁ :0""0*6ˁ G+14ˁ 4ˁ *<+ . - ˁ 0:1, . : 6ˁ 1*4.0+8ˁ 3+14ˁ
.2ˁ 71 - *0ˁ 62ˁ 5 : .6 - ˁ * 0 61ˁ 4ˁ 0 ˁ ,0 *0 06ˁ 60 - 51 0ˁ - . / - 0ˁ +"5041 ˁ 3+1ˁ 4 ˁ
;0 8ˁ 0/ˁ "1, 8ˁ .2ˁ . - , 8ˁ - 1*02.6+ ˁ +6ˁ .2ˁ * 4 8ˁ 2ˁ , . :0 06ˁ 6.3+0ˁ 6+2 , *0 - ˁ 6.6 - ˁ
0 - 66 6ˁ - 50 .63+0 ˁ 70 1ˁ +1ˁ 0*+*, . 06ˁ . , "0ˁ "" ˁ 0 "0ˁ : 2+8ˁ 09 8ˁ +2* /1ˁ - 5. ˁ
2+8ˁ 5 1ˁ 60 - 51 0ˁ *60 - 50 6 : .ˁ +50 2 .ˁ *"+"6. 0ˁ ,060 + - ˁ 1 6+*. - ˁ .050ˁ - +6. 0ˁ "ˁ
06ˁ 7+50 ˁ ,+ - ˁ ? 04 1".* ˁ (.*61*+ - ˁ 0 06ˁ 5"0ˁ :061ˁ ,+ - ˁ 0/0 , 6+ˁ *,040 06ˁ 6+*, ˁ .4ˁ
5+9*. - ˁ 0/ 0ˁ 402+ "0 ˁ 3+14ˁ .4ˁ 4+0""+ .ˁ .66 *06ˁ 0 6+ - ˁ 0 "0 ˁ 5. + - ˁ 0 "0ˁ 0<+ - 14 ˁ
,0 6. - *. ˁ 3+. - ˁ : 05 ˁ 4 "5. ˁ *60 ˁ 0ˁ ,1*4 6 1*0 +6ˁ - * - 0ˁ 5 + - ˁ 9*1 . 0ˁ + - ˁ
71,ˁ 0"51*"2ˁ 0 - " 8ˁ 6+2 ,0* ˁ G+1ˁ . , ,056 ˁ 04+.* + - ˁ *60 - 50 6 : .0ˁ 40*+*, . ˁ
6 1* 8ˁ 510* 6+ 6ˁ 3+. - ˁ *1*ˁ 6.ˁ - ."0ˁ * 0 5 06.6+ + - ˁ 1*4.0+ - ˁ 2 ˁ 50 "+."0 .6ˁ
40ˁ 5 0ˁ 0" 41ˁ . . ˁ A1.**0ˁ . 6 12 .*41ˁ (.*<1.* 1ˁ +5 2. 61* ˁ .6 0ˁ ,+ - ˁ
5 .0 4 1ˁ 1."" 1ˁ 4 ",04 6ˁ : 4ˁ . .8< 06ˁ 50 ˁ * 0 1 08 $ 41*08.4 0 , 0*4+ - ˁ
0ˁ - " 60ˁ 4 6 2+61ˁ - .<1 08ˁ ,15 .8ˁ .*603+. - ˁ 3+ 43+. - ˁ .99 040 06+ ˁ 1550 ˁ 6.6+ 6ˁ
*60 0.ˁ ,". " 8ˁ ˁ *. : + - ˁ U# + 4 9.".0ˁ * 6 +4. ˁ 4+,0ˁ & 41ˁ Vˁ (.*90". 1ˁ .* . ,1 ˁ :0".ˁ
0,0 .6ˁ .4ˁ 1 060* 0 - ˁ * ". - ˁ 06) " . + - ˁ ,+ + - ˁ 4 04+ .ˁ ˁ 3+ 2+8ˁ 1, ,+5.6 8ˁ 1 6 + - ˁ
+50"".0ˁ :0"+6 ˁ 12 6 +02.6+ ˁ ,+ ˁ ,1*6 . .ˁ .ˁ 1*4.01 ˁ : /ˁ 6.*40 - ˁ 1551 6.ˁ 0 6ˁ 4+,0ˁ
E01 9 1ˁ ". 1 - 1*6 1ˁ - 21 .*1ˁ ˁ 3+.0ˁ ,+ - ˁ .4ˁ . .0ˁ 5 1 - 1*61 + - ˁ 09 . - ˁ 12 ˁ
: . - ˁ 7.2+ "06ˁ 6.*6+ - ˁ 0ˁ "1*9 *3+1ˁ 61 * 0*61 + - ˁ 4 "5"1 1*, ˁ ,0 6.6+ *ˁ + 6ˁ 9*. 1ˁ
.* . ,1 ˁ 3+. - ˁ - 5. .6ˁ 71 608ˁ 0 0*6ˁ 3+14ˁ ˁ 0 0 : "06ˁ ,". 0 - ˁ 71 6 "0 - ˁ 01ˁ 4 0ˁ 5 1 ˁ
,+"ˁ 4+2 1ˁ 40"0: 06ˁ (04ˁ *140ˁ *. :08ˁ - 0" +8ˁ 1 - * ˁ .55. .6+ˁ 20"" , 1ˁ * 6 +4.0ˁ - .*0ˁ
ˁ ,1 504+ - ˁ 09 1 + .ˁ :0*0 +*6Kˁ 3+ ˁ 0ˁ - 04 18ˁ *60 51 +0 +*6ˁ +6ˁ *ˁ 060* 0 -
* +". -

ˁ ˁ % $ ˁ ˁ 4 ˁ ˁ. Aˁ ˁ > 0ˁ ˁ ˁ ! ˁ ˁ 0 ' ˁ 0 ˁ 3
% ˁ /ˁ $ˁ " . ˁ $ ˁ $ˁ % ˁ ˁ % ˁ 2+ $ˁ ˁ ˁ ' ˁ ˁ $ˁ
+ ˁ & ˁ ˁ ˁ $ˁ 4 % ˁ D% Aˁ V ˁ , $ˁ ˁ ˁ 5 .ˁ \ˁ - & 0ˁ ˁ " ˁ ˁ) ˁ
' ˁ ˁ % 0

' # ' . ' -

" +". -'40",0*40 0*6'+2' .* 6,+8'51 "3+. -' * + .*18'+6' ,'4040 0*6' +6 .' -1' &
*+6'6.*40-'.4' ,7.0" 8' *' 0 0-1 .* -' 40 "0/ 6'$ 2 3+0' ,1 - - 0.6+' '06')
- 8 *'60 . -'3+'40',25 8'3+.* -'508' .4.'0 .6'.4' * +".8'1,,+5.*4.8'*0,0 .
" 8',0R"+8',19*1"00 0*6' ,+ -' - * -0' "".0' + ' 50 .:0 .6' ,1-5. 0 0*6' 04+.* 1
A1*9+8' 7 C.0+-'06' 0"". -'+ 3+0' *' *6061 .'$ 61*+-'5 19 0 "2' ." 3+.*4+'6.
-0*' *'.*,71 8' 6066'4+-' *60 < -'71 608' ,1""0 6 8'0/'6+-+"6+'06'5.:1 0'.* - 8' ,+-
5 1: 40 0*6' - 1 .': 0 8' .* .,'.+90 '6 0- 2+8'5 1504 0-':0*6+ 8'06'." 8'0/'
-1 ,.'*.: 2+8' +.8',1*6 .'60 - 51 0' - *+ ',1*, " 1' +50"".0',1 . -' 1*4.01'7.2 61
,+-' 09 .' ,". "0' 616 8'; 2+8' 40,0 *0 0' 6.6++*6' + - 3+0' *'01' -6' ,1 - -14+-
.,, 4 6 '+6' .* .,+8'3+'40' 0,056+' ,19 6. 06' 5 0' *'71 6 "0-',". "0-' *,+ 0 6'0/
1,,. 1*0'*.: 8' '%0+61* ,.0' * 03+0*4.0 '3+.0' *60' 09 .8' *.:0 8' 50 + - 50*8' +
50"". -':0 +8' 60'4 902.6' 6.3+0' ,+-'5.,*0' 0.' .6 1*0' .4' ,0 6. -0*'40:0* 0*6
.* .,+8'0".5 .'*.:0' .4' 060* 0*' * +". -'12<04. -'40 "0/ 6' 06' +/6.'U(0-2".*,0.'
. -' -+ 6 1*0-'.*60'3+.4 0** + -'.' '$1) * 1'E. 4.'60-51 0'12 4 1* 8'0/ 6 +4. -'
." 3+16' 4155,61 + -' 06' 61 - 0*61 + -' :0" 6.6 1* 2+8' ,+ -' * +".* 8' 5+9*.: 6' ,1*'
0 6 - 3+0'0/504 60' ,+ +'(+ 4 9.". -':0 +8'&0".' ., 6' + 6 .' * 03+0*60'71 6 " ,"4"0?'
3+.0' , 1,' 20"".61 08' , , 60 '51 6.2.6' '3+.03)0',+ -'*.: 2+8'9 .*4 1 2+8' 06' ." 8' *'
60 - 51 0' *1*'0/1*0 .6'51*40 0'9 .: 2-' 1* 6. 06' *1*'50 *40'0/504 60' *,040 0'06'
.20+*60 8' .4 03+'516+6' 9 6+ '^4' .+,08' + 3+0' A *2 + -'5 19 04 6+ ' 4' "1,1'*1B
-0*' *'1 6 1' .0 6+. 'E. + - *.0'3+14' 2 0: .'06' , 02 .':.4.' .2+"1 .'*1*' 1"+ -' *'
0 6+-'*.: 9.*6 2+8'0 , +*6' 04' 71 4+ -' .404' .91 0 -'+*4 8' .4' . 0*.8' ."" 40*6 '
2+8', 0*6'+6' ,.4 .0'50,+. .' +40 0', 04.*6+ '06'0/' * +.:' 1*2'*1 - 0*'"1,1' *4 6+-'
6<' ,+6'0/' 0.40-',.+ .'(,;"".0' 06' 7. ;24 8' *' 061'' . - 0 6 *1'".6 .*6 + -' .'
2+".0' "1,+ -' .*6 3+6.8'404 6' 6 + -' .+60-' E. + - *.0'5+"4 0 - + -'6161' - . '
1,0.*1' 06' 5.6 1 - + -' 4 : 4 6' ,15+" 8' - 51 6.'6+ 8' 2 1 41.*.' "0/.*4 *.0'
6+ 8' *'$7. 1'0/ 6 + 6.0' * 6. ' 60'*.: 9.*6 2+8' *40'0/' 5.* .' 0,+*4+-'' 04+"'
"1 + -'" 6+8' *40'0/' - 1 ,.'06'$ "1* 2+8'50'(.*61* ,+ -'" 6+8' .4:0 + -'06' .+,08'
"".8' *1 + - ' *60 4 +'*14+3+0' .,,0* 8' 9* 2+8' -1* 6 .*8' 8' *' .+, 2+8' .4:0 2'
&0*61' ." 3+.*4 +' .* .,+8'7.0 6'71 6"' *606 - ' ,". "0'3+.0'7+0' +"3+0' 5 1,0 "0 . '
06 1':0".' ., 0*60'3+.0'6. - 0*'2.+4' 0,+8' .,' "' ,1* 0 61',0 6. - *0'4020"".6+ -'0 "0 '
6 + - 57.*6' - " 8 +50"". - 0:0 00 6' G+' +,,0 "+8'+6'*1*'5. + -' .* .,'0/ 6 '
- .6 1*0 -' * - *+ 6' 6.'$ 160 6.*6 2+8' '4* - 18'.4' - .<1 .'.+40*4.' 0, 6' . '
.,+8'0/51 61'V %."0 - 1*6 U' 04 .0?'3+.0' 1'% 0 - 1"" .* .0'4 6 1* 8' 155 4.' +*6'06'
?' ".: .0' - " 60'+6' 0' .' *.+ 0.' 0 ,0 06?'. - + -'.4'*1:. -'0/504 6 1*0 -' .4<0, 6' +6'
0,0*6 8' - *+8'<+,+*4. -' - 0 - 1 . - I *4+,0 06' *0,' ,0 ".2.6' 1*4.0+8'3+'*.:, -'
M' .*6.2 ,. -',,,,'. - 571 . - -'1 - *' 0' * 6 + ' ,+ .: 6' *60 ,056+8' +2' 4'60 - 5+8'
? 0* ,+8''(.2.+4 8' J .*, ,.0 1.*.0 ,*.6': ,0,1 - 6 8' 1.*' 1 1 8' " +8' 3+'
0'5 *, 50 -'I'E0*0:0* 0 -' *4 9 6.2.6' .63+0' .401'A.,12'V' 0 - 1 1 ' 4+, 8' " + - '
3+.'40' 0' +5 .' +1'"1,1'4 / - +8'<+:0* 8' 0,1 8' 06' 6.*61'*1 - *0' *4 9*+8' 8' ,+*'
, . " 1 0 -' +50"".0'.40 -',.+ .6+8':."06+4 * 8',.+ .' *'"1,1' *6+61'0/6 .' + 20 -' - 1 . '
06+ ' .2' 0 - ". 8' 04+.* ' ,.56+8' 06' /'%1*.0+-' .4' . .*61*+-'5 - 1' 40 *'P
;' *91" - . -'404+4+8' *+""1' 5 06 1' 5 1' 60 - 51 0' 04 - '516+ 6' , 04 6+ - 3+0' 0 6' .'
<*+"6 8'0+-'.4'0/ 6 +*' 0 :. '3+14' - .6 - 1* + -' *60' 0 - 1 1 + -'51 60.'06' *B
*+ -'N 60 6 *. -'E+ 1 + -'5. 0*60 -' ,1*6 .4+ -' - 5+9*. 06' 06' 6.6 -'" 20 1 + -

@

% $ 'VD' 1 * 0' *' % ' ' '' (' G
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('E.""1 - -' 06' 6."1 + -' A 97 8' 40<04 ' 0 "0*6' . - 20""+8' +) 8' "1 ,1' * +* 0*41' & '
.* - + -' .4<04 6<' 06' * +".* 8' : , * 8' ""+,' ,1 - - 14 6.60' 06' 41 - 7' 5 +8' 515+". 6.60' ' # '% J
06' 7+ - .* 6.60' : 6.6 8' "1, .' .4' 7.2 6.*4+ -' :1"0*6 2+8' 4 2+ 6' 6.' + 28' *' 0. *'
3+. -' : 4, - +8' - .9* 6+4 *0 -' 0/ , 0: 6' ,440*60 -' :06 +8' 7.*4' 7 * ,'"1*90' 12 .,06'
8) " . +8' * +".' 1 - * + -' 06+ *' 0 ., - .' 3+.0' : ' 0 0' "0+,.8' *' , ,+ 6+' 5.606' 06'
5 .'$1*6 .*1 + -' 4 6 1* 8' 0/' 3+.' ,1 - - 0.6+8' 3+16 4 0' 1.9 + -' ,1 - 51 6.2.6+ ' :0'
+ -' *09" 90*6 .' + - - .' 08' .4 - * 6 .2.*6+ ' * ".* 8' 2.+4' .6 8' .03+ 8' *0,' 4+ - *'
<+ . -' . - 20""1' .4. -' 12" 6 8' +6' 50*+ .' 0<+8' 3+ ' 6. - 0*' . 9 +8' ,1 - 51 6. ' 50' '
- 0* 0 -' *609 + -' .*60' 12 4 1*0 -' 5160 .6' 404 6 1' .4' 0/6 0 - + -' 0,+6.' 6' (0/61'
51 6' .4 :0*6+ -' 04+.* ' 4 0' ,+ -' 08' *60 0.' , 02 8' :0" 6.6 2* 2+8' 90 6.' 0 %06 - 506+'
. 61' 09 <" - 1".6 *. -' +2:076.*0. - ' 3+.0' .' ' (0 *.0160*02.6+ - .,7 *. + -' ." 3+16'
4 2+8' 5+" .6. -' *14+' *: .4+*6' 06' : .""1' , ,.'0. *' 1, ,+5.61' 12 0 "28' .4' , 05 4 *0 -'
+ 3+0' 1 ".0' ,1 - 50""+*6' ' 3+1 + -' 5"0 3+0' - 04 8' <. -' *1 6 8 \' *60 ' - 1".6 *. -' 06'
155 4+ -' .+6' *60 04 ' .+6' *' 5."+408' ." *. .8' 5 .0, 5 6.6" +*6' $ 1 - 16+ -' 40 *' : ."B
"+ -' .4' - .<+8' + 3+0' 5 15+9*. ,+"+ -' < 3+14' 6+ - +"1' .*60' 0/46.61' 12 0" ' - +* :0 +*6'
06' .4' 0/6 0 - . -' + 3+0' 12 4 1*0 -' 0 0' 60 +0 +*6' 40' 0/ ,+ 1* 2+8' 06' 0 +56 1* 2+8'
+6 *3+0' ,0 6.6+ - ' 06' .4' ' A+ 6' 06' * .*' .*.' *+"6' 0/' *1 6 8' *60 ,0560' 06' - ."0'
* +"4.6 ' %.*40 -' 1*4.0+8' +6' 12 0"" 8' - 18' 5 .0"0*6 .' +.' .,0 06' ,". 0 -' ,1*'
00*4 6' 06' 0' 12 0 " 8' 5. 60' .4' 09 8' *' . - 8' 1 60*4 6' .4.' 50 ' .*4+, .9 1' 50'
0' ". 1 - 1*6 + -' +6' 2 0: ' ,". "0*' 09 4+' .' 3+.' - .9 8' " 2' 12 0 ' - 06+02.*6' *' 'E.'
+ - *.0' .0 6+. 1' .99 040 06+' .,' 4 6+ 2 06' 1,' ,2* " 1' ,+ -' / : ' - .<1 2+8' 06'
616 40 -' - *1 2+8' *.: 2+8' 1": 6'; 'S." 'G+ *6 "' *60 ') " . + -' 06' 8' 060* 0 -' * +".8'
.41' 6 *0 0' 04' 51 6' "1*9. -' 0 0* 6.60*.' 60 - 50 6.60' +2' *140 -' ,11 6.' 5"0 3+0' 0/'
*12 " 6.60' *.+ 0.2+*4' 174.01' .+41608' +0) *6' *0' +"60 +.' 50 90 06' *03+0' 0 -'
5 10" ' ."0.0' 05 - - 660 0;' 6.' 6.' 0/504 6 1' *.: ." 8' + 6' J1*6. .2 .' +2' 4.4:04.
? *.:0' ' .*6.2 , .'"1 ,'. - 571 . + - ' 3 . -' - .0+8' 0/504.2.6 ' 02 8' *60 -' :0" '
6.6 1* 2+8' .4' 155 4+ -' 5+9*.2.6+ ' < 06' /' : , * 8' 5 .0" 4 8' , 02 ' .0' *' 09 18' 0/ ,+ 61*0.'
02.*6' . - 506+8' 3+ ? 1 .*+ -' 60*02.6' ,+ -' (.+901*' .4' (+4 . -' 3+1 4. -
? ./ +8' 06%0 ,+ +8' .90 ' ,1 - 50 " 06' ,) -' .56.' - .*+' ""+,' .4 :1".6k 06' ' 0/' 8' *60 '
04 8' - +"628' 06 . -' ,05 6' < 0' *60 ' 0 I' $7 " 20 6+ -' E+ ,7 + -' 06' A. ,12+ -' U 0: + -
' . "+ + - ' 3+ ' 51"X0.' *' ".9 .*6' 09 8' 9 .6 .' "1 +, +*6' (04' *' 04 6+' - ."0' - +"4.6+8'
."60 - -' .6 0 -' . - 66' ."60 + - ' 9 .: 60 ' :+ *0 .6+ -' +50"". - ' +6' 4 " 90*6 +8' ,+ . 0'
6+ ' - 660 0' ,1 .4+8' 0 6' :0 .'5. 60' A1.** 8' D *90 - , .*1' 09 0 " ' 5 .0 4 . 'A.B
,12+ -' . : "". - $.".6 1"+ -' - .9* ' .* - '<+ :0*0 - ' 3+ ' .4' 0/0 , 6+ -' ,+ -' "0: 8' . '
- .6+ .0' .".' :0* 02.6 06' .4' 5. ,7 .*+ -' 2.+4' "1*90' .2' II *91" " - .' 71 5 6 + -' 7. '
202.6' *14+' : ' 71 . + -' 6 *0 0' ,1* 042' *0,' 15 * .61' .99 0 ' +* :0 18' 0 0' 03+ I'
,6' . - 8' 0/ - - 6 ' 5 + - 3+0' ,+ -' *1**+"" 8' 0/' *12 " 6.60' *60 , +*6' A. - 3+0' : .""+ -'
.4' 1 . -' + 3+0' 5614+4+ -' +0 .6' 4 " 90*6 .' $ 9."". ' ' 06' 6+ - +"1' 0/ , 6.61' :' 1* ' A+"?
' 61 - 0*6.' *' - + + -' 1551 "6+ -' 4 04. ' 516 +8' +6' .* .,+8' - .6+ .*4' .4:0*6+8' .4'
- 1*406+ ' 3 . -' 1' 250 .0' 5 06 1' ,19* 61' ". 1 - 1*6 +8' 3+ ' *' .*,71 8'
.*60' ' 1.9 + -' 0402.6' +50"". - ' .4' 1*4.0+ -' 04 6' 06' *1:.8' ,15 .8' 51 0 6' 04
+50"".* 8' *12 " 6.6' 5 1560 ' +"6 - . -' 0/504 6 1*0 -' 6. -' +, ,0* 0*6 2+8' ,+*4.'
,1* + 0' 06' 06 .4.*60 ' 02.*6' "+ 6 .6 8' 6. - 0*' ,15 8' 3+.0' *' + 20' 0 .*6' ,+ -' , 1'
"0"15506. ' *+ - 0 .6' 0 "0*6' ,+ ' *+ - 0 1' ,1 - - 0.6+8' *' + 20' - 5. ' 0 .6' 12 0 " ' 3+'
4 +6+ *.0' 12 4 1* 8' 50 ,+"+ -' 12' .**1*.0' .*9+ 6 . -' :0 02.*6+ ' 156 - + -' .4+' <+4 '
,. *6' ' 40"04 ' 3+ 3+0' 0/' ,". "0' *' 155 4+ -' *6 14+,0 0*6+ ' 06' 4+5" , .60' 5 .0 4 1
- 506+8

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& 66 506+8 * 09 18 616 8 : 2+8 3+. - 5 - + - 0 06 &0 - - ,6 1, 09* 60 .4+ - \
* %.*40 - .* .,+8,+ - ,". "0 :0* 6 06 *60 #)" . + - 06 060* 0 - * ". - .4 . .0
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06 ,+ - 61 - 0*61 - - 4 2+8 0 155 41 5060 06+ 9*1 404 6 1* 8 .41 5 .0 4 . 8
40,056 8 50 ,+"+ - 0:. 6 3+14 12 0"" 8 - +"6+ - 51 60. *,1 - - 14.: 6 5 4 *.:0 -
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,+*4+ - 2.0, 06 + +8 . 6 , 1 8 9* 2+8 60*6.6. ,". " 8 09 .k 04 61 +,,0 "+ "./ +8
51 04 8 *.: 2+8 +6 06 . :0*61 06 2+<+ - 14 50 ,+" 8 6+6.0 0 "0*6 (+2 4 9*0 .,
,0* 1)" . 0* 08 9* ,.*6 :6 0 - 0 8 J.2 .*1 P 1*"+, 1 4+,0 *60)" . + - 06
4 ":0 60* 0 - * +". - ,1* 504.8 ,1*6 . 3+.8 - 1/ : *.:08 . ". 1 - 1*6 1 - ".,
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5 . 60 :04.0 * ,1* 504+ 5 +8 0 ,". 09 .0 ,5*<+*/0 +*6 G+1 .41 ,+ - ,0
6. - 0* - 5. *60 +6 . - 3+0 ," 0 - +6+ + - .55. 0 06 6. - 0* ". 1 - 1*6 +8 3+ ,
,."+ - * 8 506 , 06 06 ,+"5.* ." 0*. - * 0 0< , ,1* " + - .+4./ 04 2 *0,0
. + - 5+9*.*4 + - 6 06 ,+ - 09 . ,". 0 ,1*9 0 6+8 . 6 0 - 2+8 61 - 0*61 + -
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, 8 0+ .+, .6 8 - 0 .2 "0 :0" 5 ; 41 504.,+"+ - 5 .02+ 6 ,+ - ,060 .0 3+.0
*+ - 0 1 ,". "0 - 09 . - +50 .2.*6 40 408 040 0*6 06 ".21 .*6 4+4 +1 5 .0 61
0 0 *1* 51 %0*6 ."" .3+0 .4 0/6 0 - + - .4 ; 60 8 3+.0?, ,2 ., "" 8 "1, 8 +*6 5 .0B
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.4:1".6 +6 ,. + 20 60 *1 ,1* 60 *.618 0 90 06 065"0 1"330.," 04 ".20*60 8 06
*0 06 % ." . - 3+0 4+41 0 - 3+ <. - .05 +8 *.6.6+ * 155 4+ - ,1 . - 09:0 .6 .4
.*4+,.9 + - 06 12 0 "28 - 66 6 21* 3+0 018 0 0 .* - 1 <+206 *1*,". "0 5 .+/ " .
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.*4+,.9 +8 + 8 *1* 40 +6+ 18 .* - 28 0 51*4 6 - 141 5 1 - . +2 4 . * 60 - B
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+ +8 0.40 - ."., 6.60 * ,.*."0 - 040.6 + - + . *60 - * + 20 .+4 5"028
4+,08 *,+ . 0 3+14 09* 60 0 - 90 0 0*6 < 3+14 ,+ - 0 8 ,1* " . ,1 - - +* , .
0*6< 20"" 1*+8 06 *,1 - - 14 6.608 5"02 8 ,0 : , 2+8 :0"+6 *251 6.8 0<+8 40,+8 06
,1 - - 14. .4 *12 " 6.60 - 04 0 <. - .6 8 0 "+4 2 1 7.2 6. - - +*, 6.*40 - ., 0*
4+ - 3+14 <. - 5 40 - .4+ - 151 60.6 + 8 *1* ." 8 .+ 5 ," 8 20""+ - 90 0*4+ -
." 60 + 5 , 1*08 3+.0 1,,. 1*08 0 20*0 90 0*4.0 0 5 .*6< 5+ 9. *1* 51 %0
3+.0 +21 .*6+ .03+.2 " <+ 0 *60 , :0 8 ,1* 6 6+61 8 1551 6+*. 0 - 04 . *
60 - 51 0 .4" 20 51 60 3+14 - * - 0 50 .*4+ - 6 3+. - 4 + 08 .5160*6 1 2+8.4
- * 6 .2 6+ < 3+18 *1* 6.*3+. - .+/ " . 08 .,,0 : 0 04 :0"+6 .0: "" .18" 20 6.6
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5.6 .0ˢ 41 - *18ˢ - 51 + "0ˢ 2 ˢ : 40. *6+ ˢ 1*6 . ˢ 7 3+ 6.60 - ˢ 5"02 8ˢ *,+ .2. *6ˢ " G &
* (ˢ ˢ .ˢ $ ˢ *ˢ$ * ˢ* ˢ (ˢ ˢ ,ˢ . ˢ
6+*.ˢ0:0 6 ˢ .4ˢ 7.0, ˢ 018ˢ 0 + - ˢ 9*. 18 ˢ 4013+0ˢ + 5 , 1* 2+8ˢ 12*1/ 18 ˢ 0 0ˢ / 8
4 " 4 8ˢ 06ˢ .0 - +".6 1*0ˢ 50 506+1ˢ 4 9 .4 . ˢ 06 ˢ 4+ - ˢ ."60 , .*6+ ˢ *+""18ˢ .55. .6+8
0 ˢ * 7 " *ˢ +6+ + - ˢ 5 1: 40 ˢ ˢ ,+* 6.ˢ,1* + 0ˢ 06ˢ 50 ˢ6+ - +"6+ .ˢ .9 ˢ - 50 13+0
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. 2 6 1ˢ 02+8 - 5. .6 8 *1*ˢ .4ˢ 5+9*. - !04ˢ .4ˢ". * 0*. - ˢ06ˢ ,1*<3* 6+ - ˢ,+ - ˢ 4040,160
0/ 6 + - ˢ,0 6 - + - ˢ6.*3+. - ˢ *ˢ. 0*. - ˢ5 14+, .*6+ ˢ + - ˢ ,1*6 . 8ˢ 3+060" 8ˢ 7 *,
40ˢ ,0 6.6+ ˢ . . ,+8ˢ +, ,0""+ - ˢ+ 906 ˢ 06) " . - - ˢ 4440*6 2+8ˢ 0ˢ * +". * 8ˢ *ˢ 40 -
. , , 5 6 ˢ0. - 3+0ˢ 5 .0 4 8ˢ 1551 6+*0ˢ 4 51 6 8ˢ - .6 ˢ+6ˢ .2ˢ0.ˢ5. 60ˢ6 .* 6+ - ˢ .<"+
50"".ˢ * 0 6+ - ˢ 0440 06 ˢ06ˢ ,1 - - 0.6+ - ˢ 3+1ˢ 0/ˢ0.ˢ * +".ˢ,15 1 1ˢ +2"0: .2. *6+ ˢ .:0
60 06 ˢ *ˢ 0. *ˢ 0 - ˢ06ˢ .*+ - ˢ ˢ 1; 8 ˢ 3+14"0+, . - ˢ.ˢ 1.9 1ˢ .20 6 ˢ 5 .0 4 1ˢ - .
6+ - ˢ - 52 61ˢ 2ˢ , " 1 ˢ 3+ ˢ $ 160 6. *6 + - ˢ5. 608ˢ ." 3+. *41ˢ 0, +6+8ˢ " 0 .6 ˢ 3+1ˢ - 1/
(ˢ * ˢ * ˢ ˢ - . ˢ Y * ˢ $
5 .0" 4 . 18ˢ ,+ - ˢ4+, ,ˢ126 .*, . +*6 ˢ 7 "1 - *+8ˢ ,+ - ˢ: ." 4 160ˢ - . *+ˢ0140 - ˢ - +8
.ˢ,ˢ 04+. * 1ˢ 0 - 0 ."4+8 ˢ 3+ ˢ *0,ˢ - 0" 1 0 - ˢ 1 60 - ˢ0/50 6+8ˢ 0 6 ˢ . - ˢ ,+ - ˢ 1*
4.0+8ˢ 6.6 - ˢ .+/ " , :ˢ - 06ˢ , , ˢ ,"15506. , 18 ˢ , / 9+1ˢ ,1 - - 0.6+ˢ 5 .060 ˢ 5+":0 0 -
1*+ 618 ˢ 4+, 2 8ˢ Ů . 1 ˢ . 41* 1ˢ 06ˢ & "". *1: . *1 ˢ *1*ˢ - 1* 6 8ˢ 12 0 8 ˢ *0ˢ . - .ˢ 0
.4ˢ 09 08ˢ 0 - . *. 06 ˢ: /ˢ " ˢ6. *40 - ˢ.9* 6 ˢ06ˢ *ˢ*. :0 8ˢ .2ˢ 12 0 8ˢ . , ,0560ˢ +*6 ˢ06ˢ *,+ -
20*6 2+8ˢ 09 8ˢ .4ˢ ˢ06ˢ. - 5" +8ˢ. - 8ˢ0/+6 ˢ , .56 ˢ .+6ˢ *60 04 ˢ \ 04ˢ *ˢ 0 ˢ ,1* " 4+
0 - 0 ."4+8 ˢ 3+ ˢ 5 - +8ˢ - 5 0 " 1*0 - ˢ 0,0 .6 ˢ 40" 40 .6+8ˢ 0 6 ˢ 0/ˢ :0 1 ˢ +2 ˢ 40ˢ +,
,0 "+ˢ ,19*1: 6 ˢ ˢ "10 8ˢ 4 0040*8ˢ ($ 4. : + - ˢ :0* 6 ˢ 3+14ˢ 06ˢ 1"0 - * ˢ 51 - 5.ˢ * 0* 0
A+" 1ˢ *9 0 "+8ˢ 0 6 ˢ +6ˢ 5 1/ - 6.60ˢ +.ˢ 02+8ˢ <. - ˢ 0/ˢ :161ˢ 5 1,040*6 2+8ˢ .:1 0 - ˢ ,1*
* ˢ ˢ ˢ * * ˢ* (ˢ ˢ (ˢ ˢ =
0 + - ˢ5 1 50 1ˢ ,+ +ˢ7.2 6+ + - ˢ 50 .2.6 ˢ *40ˢ 0":06 18ˢ .4ˢ 04+. * + - ˢ - 66 6 ˢ 3+
2+8ˢ +2* /+8ˢ ""0ˢ :0 20 .6 1*0 - *,71.6ˢ .4ˢ +5 5. ") - ˢ 4ˢ 5 15+9*. ,+"1ˢ *1 - 0*ˢ .4
- 0 4 0 - ˢ06ˢ - . 0ˢ 12<041 ˢ *40ˢ 4 41 ˢ 3+14ˢ 50 ˢ 0. *ˢ 5. 60 - ˢ 1" - ˢ - 5+*0ˢ"+5 ˢ - +*
, 5 + - ˢ *9 04 02. *6+ ˢ 1, + - ˢ : . ""1ˢ .*60ˢ 5 1 - 161ˢ 06ˢ - +* 6 1*0ˢ 0/, 6.6.ˢ - . :0
.*612 0 ˢ ˢ .4ˢ 3+. - ˢ 04+. * +8 ˢ "1, , 60 ˢ 61 - 0*61 + - ˢ 4 2+8ˢ 4 "5"1 8 ˢ - 506+ -
0 ˢ<+206 ˢ 1, +8ˢ, .56+8 ˢ. ,ˢ - 1 /ˢ 0,056+8 ˢ. +/ " 1ˢ"+50 :0* 0*60ˢ .*4+, .9 1 ˢ 3+ ˢ *
0 - 1 0ˢ 9 . :0ˢ. ,ˢ 51 6 0 - 5ˢ "067.",ˢ :+"*+8ˢ . , ,05 6 ˢ 4ˢ .4+ - ˢ /ˢ S." ˢ (0/6 ˢ *60 0.
,". 8ˢ 3+. ".6.ˢ .4ˢ 7 . .0ˢ 5 1 - 1*61 + - ˢ 0402.6 ˢ 06 ˢ ,+ - ˢ - 06+0 06ˢ 1*4.0+8 ˢ *0
ˢJ"1 4.ˢ06ˢ $ *,058 ˢ0.ˢ0 .*6ˢ5 .0, 5+. + - ˢ*. : + - ˢ 0,+*4+ - ˢ5 .061 . - ˢ065 15 .0
ˢ ˢ ˢ ˢ ˢ * ˢ ˢ ˢ ˢ ˢ ,
$ ˢ ˢ ˢ ˢ $ ˢ # ˢ . ˢ ˢ(
6.ˢ 50ˢ 0 , 0*4.0ˢ ,". 8 ˢ 3+14ˢ 2 ˢ 50 +. 0 .*6ˢ 12 0 ˢ 1 - * *1ˢ 5 .0, . ˢ + - 3+0
- 1/ˢ +50 :0* "06ˢ .*". ,+8 ˢ 0 ˢ 2.+4ˢ . +8 ˢ 4 +9 0*6 2+8ˢ*. : . ,7 8ˢ 06ˢ 0/ 9+1 ˢ 3+
+50 0 .6 ˢ - " 60 ˢ *. : 2+8ˢ 60 - ˢ *9" 8ˢ *ˢ6+ - - ˢ 0ˢ +24+,0*6 2+8 ˢ $ *,058ˢ " .ˢ*. : 8ˢ.
6 0 - 2+8ˢ , ,+ - :0*6. ˢ 6. *40 - ˢ , . *.ˢ .3+. - ˢ 7.+ 0*60 ˢ ,+ - ˢ 0* - ˢ - 0 90 06+
ˢ ˢ* ˢ " ˢ # ˢ * ˢ ˢ * ˢ " ˢ ˢ
.ˢ 06 . - ˢ - . ,7 * 8 ˢ. - 8 ˢ 3+.0 ˢ .2ˢ 9*0ˢ 5 +8ˢ ,5 +56.0 ˢ 51 60.ˢ 0,040*6,ˢ - .Zˢ 0 ˢ Ň
,056.0 +*6 ˢ *40ˢ .4J"1 4. - ˢ :0 +8ˢ - 506+8ˢ .4ˢ" 06.0" - 87.0 0*60 - ˢ 3+. - ˢ / / /ˢ
* - .6 ˢ, , 60 ˢ6+02. *6+ ˢ ˢ 3+ ˢ ˢ 1*061ˢ 1 - . * *1ˢ+* +8ˢ0ˢ6 0 - 2+8ˢ 5 .0 041ˢ: 6. - ˢ
".": . - ˢ 5 . 4 ˢ 0ˢ 404 40 0ˢ G+1ˢ .41 ˢ .* . ,+8ˢ .4ˢ 12 4 1*0 - ˢ :16 ˢ ,1 - 518 ˢ .21" 6.ˢ
5 1 8ˢ 0/504 6 1* 8ˢ - 0 - 1 . ˢ 0:0 +80 6< +2 ˢ 5 1 - 161ˢ .4ˢ 1 .0ˢ, 05 4 *0 - ˢ : .""1
6+ - +"+8
. ˢ ˢ ˢ ˢ ˢ ˢ ,ˢ ˢ ˢ+ˢ ˢ ˢ ." 8 .+60 - ˢ51 60 3 2+8ˢ 04 6 1* 2+8ˢ 8ˢ # ˢ ! # $,
ˢ j% ˢ ˢ 0 ˢ 7 G.ˢ # ˢ ˢ ˢ ˢ 0 ˢ ˢ ˢ ˢ ˢ
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& '6+ - +".8 0 ' 41" 8 '" 9*1 + - ' . , 2+8 '6.2+)8 0/46.6+ ' :'61 - 0*6 8 +50 *<04 8 ' , /
' # ' ' 3+1' *'51 6+ - '+ 2 8 * 0 6.' :0 20 .6 1*0 +" - * .2.6+ ' 3+0 *' 9+ 2+8 . 6 , 1 8 <.4 8
,+ - ' * ,0740 0 ,1* . 0*6+ '12 0 ' .' 04+.* 1'5 17 2 60 +0 0 'A. - 3+0 *' 4 08 .*'*1* .'
40 , 0*60 '" 73+02.6+ ' .* - ' - "08 ' 06 - + - ^ .' 7.*4 1, ,+"6.' *60 ' 4+,08 06 *12 "08
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2+*+ - 03+ 6+ - , 0.6+ - 40 *40 .40 - 56. 1 - * .4 - * 6 .6 1*0 "+4 2 1 0/51 - - F
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3+1 + * ,1*,1 4 . - 0 61 5 + 504. 0 .6 0/ .0 - +".6 1*0 0* - +21 6 8 "" *60
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.,71 + - ,1<+9 8 3+1 .*, 6+ 40 7+<+ - 14" - .6 - 1* 8 <. - ,1*6 .4 8 *,
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.44 4+8 6' ,19*1 ,.6< ' ,1*6 . ' 08' .4' <+4 ,0 - ' 0,,"0 . 6 ,+ - ' 0 - 66.6+ ' 3+.*B
6+ - ' .4' ,1*<+9 . ' <. - ' ,1*6 . 6.' *60 ' $ 160 6.*60 8' *' 0,+*41' .+6' 40' 0,+*41' .4'
60 6 + - ' 9 .4+ - ' .66 *06 ' 40' 8 ' 3+ - ' 0/' 19.2 6+ ' .+ 61 6.60 - ' +. - ' *60 51*.6<
6.'+6' *0,' 5 8' 5 1 + - :0' " 20 8' - 1"0 6 .' 12' 4' *' 51 60 + - ' .,0 .6+ ' 3+14' 40 - ?
*' +2 03+0*6 2+8' 04 4 8' %0 - 50 ' 0506 6+ - ' + 6' 4 61' ,1*4 61 ' 0/ ' 09 *.' 06'
*4 *+8' <+8<+ .*4+ - ' 40' 01' 0 : .*41' *' 1* ' 4 ' *60 52 +0 +*6 ' * 6 + - 0*6+ - '
3+0' 0.'40' 0'#$ 4. : ' .4+ - ' 0/' 0 90 .,+ - '.4' .: . + - ' - 6' 6.*613+0' 1 - * + - '
5. 60 ' .55".+ ' 08' 6< .* .4.' 0 6' +6' 0/' 5;15 + - ' ""+4' .,' 50,+" . 0' ++ - ' 04 4+* '
:+"91' .550"". 06' 1*4.0+8' :0 1 ' 3+ ' 6+ *' +50"".0' 0 .6' 06' 155 4.* ' 6.*6.' ""+4'
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6 + - ' 0. + - ' 0 06' ,1*6 .' :0 .0' 1508' .+ ' 06' . 90*6 ' ,0 61' 51*40 0' .,' *+ - 0 1' ,1* '
6. 0' 4020.*6' 01' 02.6' +6' .+41' 0<+8' 0 ' 3+.0 ,060 . + - ' 5 06 + - ' 0 0' ,1* +0; 6'
5 06 1' 08' 1 - * + - ' 0 0' .4' * 7 "+ - ' 04.4.0' 0 0*6' 5"028' :0 1 ' 3+.0' *' 5+2" ,1'
,1 - - 0 , 1' *+ - - 18' - .<1 0' 5 06 1' .,, 50 0' *' 50* 6.*4 8' 09* ' 6 2+6 8' - *1 0'
0/ 1":0 0' ,1902.6+ ' +"6 .' - 14+ - ' :0/. 06+ ' . - ' <. - ' .+ 0+8' : ' " 2 8' 06' ." ,+2 '
. 5' 06' 3+14' 9 .: +8' 0 .6' 0/60 *.' - 1*4. ' :0"+6 ' 6 4+,.6+8 . 60) 0* 8' 4+5"0/ ' / : '
" 2 8' <.4.2.6+ ' 6.'+6' *0 - 1' , 06' 3+ 4' *' 21* 8' 7.20 06' 3+14' ' . ' E .6 4 .* '
60 - 51 2+8' .,, 4 0' 5 14 4 6' ,0 1 ' /0 - 5"+ - ' 0' 0"9 5' 40 :.6+ - ' +0 .6' < +2 ' 0/'
.+ 1*0* 8' ,1* " 1 ' 3+14' 5+2" ,.' .+41 6.60' 02.6 ' +6' .+ 0+8' : ' 1" 4 8' 5"+8' <+ 61'
:."1 0' 0/51*0 06+ ' .5+4' *18' 5 :.6 8' * 6 61 + - ' - 5*151" 8' 5.". - ' + + 5.2.6+ ' + '
- ."0' +6' 12: . - ' 06+ ' ,1*:0*6+' *606 .5' 50 61 + - ' 7.2 61 ' 6.*40 - ' 40.06+ - ' 06 '
+6' ,0 6.' .+ 0.0' ,1*6 .' . 90*60. - ' - 1*06. - ' 5 151 6 1' 0 060' 06' .21" 61' " 2 . + - J .* '
,0. + ' 7.40*+8' 0,0561' + ' 40 *,058' *' ,1*6 .4 2+8' .0' :0*4 6 1* 2+8' 08' 1 - *08'
.+ 0 8' .0 6 - . 0*6+ ' 4 4+ - ' 0.' 40' 0' .4+ - ' (0560 - 2 ' - 0* 0' 06' *' 0*.6+' 51 6'
- .9*.8' ,1*60*6 1*08 ' +.40*6 2+8' ""+4' & 41' J.2 1' $ 2 ., 1' 5 .0 40' 06' $06 1' ' E1* '
4 1' 05 0151' $. 0* ' 4' 1: ' 5 1 - +"9.6+ - ' + 6' G+14' +6' *0,0 ". + - ' ,6 +4+1 '
+ - ' .' 5 +40*6 1 2 8' <+4 ,.2.6+ ' 6.' 0<+8' 0/0,+6 1' *' 6.*6.' " ,0*6 .' 5"0 3+0' 4 , " 8'
: 402.6+ ' < : , 6' 6. - 0*' 0/ 504.6 1* , - ' 06' 50 - ' - +"61 + - ' 0/ 6+8' . - ' *+""+ - ' 04 4+ - '
- *1 0' ,+ - ' 0 - 6+' 0,05666 - ' *+""+ - ' - .<1 0' 0" 9 1*0' 0 :.6+ - ' + 6' 4+ - ' 3+ 3+0'
,1 - *+* ' ,.". - 6.6 ' 0 - 0 + - ' 3+.0 6 06' 12".6+ - ' " 20*6 - 0' ,1*(5"0/+8 3+14' 5 B
:.6 8' ,1 - - 14 8' 0/' 01' 40,0402.6 ' 5+2" ,.0' +6 " 6.6 ' ,2*41*. ' .03+ " - 1' .* - 1' 5 '
6 6+ ' 6.3 2 ' ,+ - ' .+ 0+8' 0/' - - 0* 1' ""1' 5 06 1' .4' ' 1" 418 ' ,+6 ' *' 0"9 1'
<.4.2.6+ ' 5 - + - ' 04+4+8' 0 06' 43+0' +6' .4' .** ' + 3+0' *0 - ' "1,+ - ' 7.20 06' 51 60.'
.+60 - ' *0+*60' .**1' 5 1/ - 1 ' +6' ' 1" 4 8' 6.*6+* ' .0 6 - . 06+ ' 5".,+ 06' *0 - 1'
,1*6 .4 / 6' *0 - 1' *1*' 04 41' 6. - ' +6. ' 5. + 6' %.*6+ - 0/0+*60' .**1' 0 6 *.6 8'
1"+6 1* 2+8' ,1.4 ' , 04 61 08' ++ - ' 0, 50 0' 3+ ' 0,+ . +*6' " 6 2+8' 60 - 0 . 8' ;6'
+ - 56 2+8' *+6 " 2+8' 0' :0/. +*6' 6' 6.' 3+ 40 - ' 08' 71,' .**1' .5+4' *18' 0 .*6' ' 3+ '
0" 3++8' 0 0' 04 4 ' 0 60,+6 1* ' + - 56+8' 0 6' 090' <. - ' 51 65., ,.6 1*0 - ' 0,+ 1 ' 06'
.4' 16 + - ' .,' :1"+56.608' 6161' .* - 1' V' 5 1".20*60' $ 4. : 1' 51 60.' 0/' "10 .8' 04 6' 06'
+2' *0 - ' .** ' +606 . - ' 50 506++ - ' 0 ' 6161' 09*1' +1' 41 - , " + .' :0* 6

' ; &
& ' % ' V 5 1".20*60' .4' 3+.8<. - ' , ,' . *0:0*1+' "1*90' - 1 2+8 4 5. 8' - 1 60 - '
5 40 - ' *, 6.2.6+ ' .' 0*.61' & ""1,". 1' 51""' J .* ' 5+0 6 .0' 09 8' .' 5. 0*60' 09 *.' .4 - 161 ' 3+' 06' +2
4

& ' ' ' ' # /' Y '2 I' ' (' " ' ' ; / 2' 2 ' 9 !
T'

& ' & ' ; &' 460 - 5+8' J .*4 ,+8D J1" +8' & 90.*+8' $ 61*+ -' 09+"+8' - .9*.' 5 + '
) '" " ' 40*6 .0' 06' .,3+ 6.6 8".+40' *60 ' +18' ,". - 8' <. - '. 0 .'.06.6,' +50"".0' 40,0" 6'< 3+0 - '
- 1/ .*4+, .9 +8' 0,+6+8' 0 6' 0/' :+"*0 ,' 1.9 '.,,0561 '3+14' 50 0 60' ,+ . '*+* '
3+. - '516+ 6 ' A. - '.*60' ,1".+8',' 167. *9+8' &."40 - 1*6 +8' / 'S ." ' J02 ' .6 8' ,1* '
,0 "0 .6' 3+ '0/'A1.**.' , - 1*4.*.'5 1 0' + / 1 0' "5 . - ' 09 8' + / 1 0 - ' ,050 .6' 6'
40 *'A1.**. - '(.2.+4. - '4+ / 6' 0/' 3+.'*.6+8' $7 " 55+8' - - .*+0" D 0 ,+ '4+ /' ' 06'
+"6 - . - ' . 9. 6. - ' ". 4 ' + - ." '90*6 " 8' " . - ' 2 6+" 6' 06' 7 0' .**+8' "' 1* '
"+4+ - '03+ 6+ - '6 2+*+ - ' '(6 " ., *' 9 **0*" '.9 1' 0 0' ,+ - ' .0,+"1' ,1.06.*0+ - <
: - - ' 1 6 6+4 *0' *4+ 6 .06' 0" , 6.60' ,+ - ' - . / - 8' .0: ' + '4+, 2+8' ,1 .5. .*4+ - '
40' 3+1' ,+ - '6. *' - +"6.'4 4.' 6*6' 06' 5 0' 808' +.8' 5 15 8' ,1 - *9 0*6. 8' 0/5" ,.:0 6'
3+' - .9*1' . - " .0' 40,1 0' 51 6' - 1 60 - '0<+8' 5+2" ,.6' 1 - * 2+8' 3+' : 6+6 8' : .' .4' - '
" 6. 0 - '9"1 . - '9 ".*6+ ' - .9*1' + + '0 0' 51 "+*6' 4,'01' 5"+ .' 0 20 0' +50 :.4++ - '
0/ 6 - .: ' + ,'.' 090' + 04"+8' 0 6' - .**+8' nE+*6."4+8' 1*+8' 6.*61' - +*0 ,'
4 9* - +(< 06' 3+0 *' 1*"+, +8' 5 0' ' - 1 0*(' 19.6+8' + "06' 0/' 1 - * 2+8' 5 1,+"'
4+2 1' 2' +,,0 "2 0 - ' 4409 "06' '3+ '4 9* 6.60 - '<. - ': 6+6' +.0' 402 6. - '5+"," 0 '
- 8' 51 60. 02+8 5.,0' 06' 20""1' 90 6 8' - +"6+ - ' "+ 6 .: 6' *' 0.3+0' 40' 09*1' .,'E ."" ,1'
71 5 *0' 156 * 0' 70 6+8' :0" 6' 0/"5 .: 6' 0' 62 - 0* . .0' 56.0 0 6+ . '3+. - ' '
17+8' 06' : 6+6 8' 45 7 1*0ll - 06+4.6' 06' + - *.'".+40' .4 - * 6 .&0 . '4*' $7 " 20 6+ - '
E+ ,7 + - '06' *. 6." 2+8' ,". + - '06' 9 .6 .'.5+4' 090 7' "1 0*60 ' .* ".6.'0 6' 2 6' 06'
71,'.**1' 5. , 8' 51 63+. - ' 0/ "20" 8' 4 ,0"""6' 4 62 8A1.**08' R 1 : ""0 +8 4 "10" 8'
71*0 61'"1,1' 7.6+8' 3+1*4. - ' Y + 0" .*',5 ",15+8' 3+' 7 "6 8' "09.6 1* 2+8' - .9*.'
,+ - ' ".+40' 22 6 8' - . / - 8' *' E."" 4' 72*1 2+8' 0' 0 - 50*' 5.60 - ' 5 .02+06.6' < 51 6'
V 1 5 6." + - ' ,+<+8' : 6+60 - ' .0,+" ' * 3+ 6.8' 0 0' *1*' 5160 .6;' 41 - + - ' 0"09.6+ - '
""9 ""1 + .'5 1,. .6 1*0' 2 *.6+8' ' 71 - 1' 5 12+8' 06' 5 4078' 04' **.6.'6 - 4 6.60' *+* '
3+. - '90*0 1"" ,1 """ .+41 ' 4013+0' - 04 8 0760*6 8516 +85 .0 0*816 + - 3+. - '
- . - ' *' 52 60 + - '5.,0*' "066. +8' +*4.6.':0"+6'."60 .' .2' 1"5 6." 1' *' .+".' 04 . '
0+<+8.4 6 5+".6 08' '56+ 087.2+ 6 3+147' +* 1* 8' *60' .671" ,18 . , 0*4.0 "+4 1'
,+*4. .4 1 1 + - '60" 9 1* 8' ,.+". - ' ." 1':0" 5"2 + - '<+4 , 1'1260*40*6 + - ',1*""" .'
06' ,1*.6.'4) - 6 ".*4.'0/ 6 - . 0*6' < , . - '."60 'E+ " .*1 - - ' .4' ."6 1 .' 0*40*6 + /'
14 1' 5.,0 - ' 3+.: 8' .6 174',1"0*4. - ' +.40 0*6' < ,.3*0' 0' $ 160 6.*6 + - ' ,.+".0
:' L' ' L' ' ' ' ' . :, ,

4' 60 - 5+8' ,+ - ' 0/\' .47+ '$ 47: '0 "06 0 - " . - '
+. - '.63+0' .401' .+".6*' 3+ 550' ,+2 ,+". 1 +*' *1'
2 "+ - '5 *, ' * 96"' 5. ,4 1' 104.: 6' 8' '
3+ 40 - ' ,+ - ' 5 h 8' 4060 6.*4.0\" 2 4 * 8' 0/0 - 5" 8'
+/1 0 - ' 5 15 . - ' J .*, 0. - ' . . - '01 - 5 06?
06' "R' :.9 8' " 2 4 * 238' *4+"9038' 6+*,'06 . - '<5 .0 '
*.*8' *1*' 0/' 0' +6' ""0' 02.6+ '0 "Z' 71 - 1' 5 *, 58' ['
+'9 .6 .' 06+8' *<+ . - '<. - 5 40 - ' .* - 1' ,1*,05'
6. - ' .,4 5+".6 - ' +", ,' 6.6+ 6' 3+14' ., *+8'
+ - - .' .+4., .' + 0056+ - ' - .<1 0' - - .*6.60' 5. '?'
6 .; 6' *. - ' +/1 8' ,+2 0+"+ - ' ,07,+2 .'*140' ,+ - '
4+12+8' ",. <8' 79 0' "+8' 5 . - ' +6' 0 .6' 056 - 0 6 '
5. 6+9 .: 4. - '504 2+8' +55" , 60 .4:1"+6. - ' ,0 6 8'
5+9 1*6 - ' 4 2+8' ,1* 14 6' < 504 "03+ - 3+0' " 2 46 l
+ - ' ,1 , . - '50 0,+6+8' ,5 - ' ". '50' 0*0 6 . '"0'
5 .045 6.""06 :0""0' 1 60.4 +*,+ - '" 50*".05050 , 6'
- 1/3+0' 0' *40/ll 06' *+*4+8' 5 0' - .*2+8 .47+,'
, +0*6 8' .4' 090 - ' :0* 6' <' .F6 3+ 8*1* :0* . - ' 04'
.21" 6 3*0 - ' .2' *4+"90*6 - 1' ."+ - *1' 506 6' 3+.0'
6.6 /7,1*,0" . 3+. - ' 5"' 4040,1 1".' + 6' 64*' - .9*.'
*: 4 .' 090 - ' 1*0 .: 6' - 5+* 6.6', - *+ - ' 3+.0'
40 *,058' 6161' 09*1' 9 ." 6.' +*6' .' 6. * .6 1, ' 00'
A0 0 5 *, 5 1' .41' $ 4.: 1' 51 60.' 0/' "10 .8 0'
4 6' 06' "+2' *0 - ' .**' +606 . - ' 50 506++ - ' 0 0' 6161'
09*1' ' 41 - , " + - ' :0* 6' 140 - ' .**1' $06 +8'

0**03+ *+8' ,+ .0' 5 - 0 08' : /' 3+ *3+.90*. +8'
71 - 1' 4 6"" - +8806' ,+ - ' . A 2 408 .:. +80 "06' 0< " $\'
"" - +8' .6 8 ,1*,0 " 6' 1, ,+"6.' 0' 5 1: 40*6 .' ." 0 '
7 " .1 " 2')' "+ 0' 60 - 51 0<' , 056+8' *0' *,0*4 1' 50 '
*1: ' 1040 8' ,1 - - 0*6+ - ' .' 0' 0/, 6.61' 4 +' +50
0 "06' ,+<+8 6. - 0*' 9*08' , *0 '41"1 1' +551" 6' *0,'
20*0' 0 6 *47' ,+ - ' .4' 60 - 5+8' R6+ "0*6' 51 60.' 4*'
"1*90 - .<+85 1 0 3+14 5.0*0616+ *' 09*+ - ' ,1* '
".9 .: 6' *,0*4 + - 0/. 0 +*6' 3+14' ,+ - ' .7 - 1'
5 1: 40 06' 7 1574* 8' %7+) *+8' 06 .6+8 5 *,058' '
3+' ; ;,6' 0 .50' ;0 ".6+8' +0 .6' ." 13+' .2' 1 - * '
'A ;1 0' 14 1' 06' ,1*60*6 1*0' 3+14' 1 - *08' , +*6 ." 0'
7 - +8' - 1 6+1' 71,' 4"19"1' \5. 076.: 6' +6' 7+""+ - '
U - +"6 8' .0,+" 8' 50 - , 1 1 0 - 6' , ;0*.' +606 .0' *. '
'6+ - ' *+"" +8' - 0 6 1 .' 0 5+2" ,.0' ,3* " .' + "0' 4 '
,0 06' ll ,+<+8' .+9+ + - ' +6' *. - ' : .*+ - ' 3+14' 06' ""8
' 156.2.6<6.*40 - ' 0/ 6+8' ,1 - 5 12. "06' ' "+, ,0""2 '
'.' 090<.*/' 1040 0 06 .3461 + - ' 0<+8' 50 6.0 1' 4.6+8'
"1*90' *90* 1' 06' ,1* " 8' 4 5. ' & 4 8' J.20 '$ 2 . '
' , +8 ' ,+ - ' ""0' (6057.*+7' +0"" + - ' 71 - *0 - '# '5
2+"0*6' *90* '06' 01 +*40 - ' ,1* 1 + - '5.66 , 0 - '
7.20 0' *."+ ""06' - 6 .3+0' 0<0 .6.' *' 0<+8' .6 . - '
4 9* 6.60' .*603+. - ' - 1 0 06+ ' 50' E+ .*18' 4 .'
090' - 506 . 0' 60*6. "06' (+2' 4' 60 - 5+(' J .*, ,+8
J1" +8' '5

' V' # (' !' ' '2 !$' 2' ' ! $ 2 ' ! ' "#' " !#'
" ! $' 2' 5 $' 55 ' !' !)$')' '9 ! ' ' !$$' ! ' " # ' (#
? ' 'M / ' ' ' ,)' 2 3) V' 4 !)' \' ' /S! ' '#1 # ' ' 5' ' ' l

.:0 0', 040 0*6+ ' 1 0*6'. 6 6 6'$1 - 51* +8' 0"''0: 0+8' + - -+8'0<+8'5 +40*6 .0' &
.',1* " 1 + -' 04 .61 '3+' - 1 6+1' *'J .*4 ,.*1 + -'.040 ,+6 60 6. - 0*61 - .* ')
4.:0 .6< 05+"61<71*1 ,1'0"19 1'5. 0*6.: 6' +*,'5.+, 8'4 02+8'5 .0,0"" 6': " ' 4
. ' +"4 ,+8'#& 9" +8' .2' ;6.'=+ ,70 - +8' 6' J .'*.6+8'06'12' . . -'<+ 84: " 8'
50 6 . -'5 - + -' - +"6 8'4 9* 6.6 2+8'.' . 1"1'&'1 *.6+8' 40 *' 12' - .<1 , -' *' 02+8'
.90*4 8'".+40 -'.'$7 " 551'0<+8' " 1',1*4" '5 ;.6'5 .0 08'.,'51 6 0 - 1':0""0 8' .+ 0'
6.+,0"". +8', 0.6+8' ' 3+ ',+ -' * 6 1' 0"9 ' 20 6.60 -' 40 0*4'0 0' : +8'0 06'013+0'
*1 - *0'9 .6 . -' +1 + -'5 16*0 6+8'51 60.'.4' 5.*1 + -'5. 60'8' *," *. 0', 04 6+8'
K*' 4 *+ -'14 + -' *,+ 6'06' *60 ' + 50418'.**1' +50 1 0', .56+8'0 6' 04' *' " 20'
/ 1 0',+ 614 .' 7.2 6+8' +2'6+ *' !*. -' +/0"" 8' 1 60'0 . -@ 0+ -'1 6 , 1 0' *: '06'
- +"6.'4,',4*:0 2*0' 0"9 '0/' 7 8' - 56 2+8'5 .0 .9 0*60 -'.+4 :' ' 3+ 2+8'0/,+ . '
:1"02.6< 3+14' 5.*1 + -'5. 6 2+8' .:0 0'4 ,0 06+ ',+ -' 40' 09 .' - .<0 6.60'3+. -'
0:0 6'7 8'+* 1* 8' * 6 8'5 1: 402.6' . 6.'604.' 0 :.*4.'6.*6+ -',19 6. 06',060 + -''
.2' 5.*1 + -' - - .* 6.60' +50 2 .'06'.:. 6 .' " 0',* 7'"13+02.6+ '." 0*+8' : '
." 53+'1 - * ' ".+40'06'5 1560 ' *609 6.60 -'06' + - - . -'5 +40*6 . -'4 9*+8' 04'. -'
*'0.'60 - 50 .' *, 4 06' *'3+ 2+8'* 7 "' - 04 + -'5+6.2.6+ ' *60 '5.6 .0' ."+60 -'.+6'
1704 0*6 .0/09'402 6.0' 40 -'7.+4' - + - ' 6' ""0'3+'616'20*0 , 8'06'71*1 2+8': 'L
6+6' +.0'40".6 8' 09 '40: * 6+8'0 .6' *'12 03+ 1'06' 40' 3+.? .":.' 0 - 5+2" , . -'3+ '
3+0." 3+.*41' .":. -' 50 .2.6' - .*0 00"090 6' + ,'+6',1 - 08'.44.6+ :0"0<+ 40 - '
*'3+.' *60 ' 5.*18',/,0""+ 6'"09+ -'06'<+ 8'5 .045+0'51*6 , '414 *.' - 0 + 6'
2 4.,+8' 1:. +: .8'%1"06.*+8' 3+' 040'.'5+0 1' 6 6+6+8' *'U(.". - .*6 ,0* ' .,.B
40 - .' *' 5 - .'.41"0 ,0 6 .',.*1* ,'<+ 8'5 1 , "2 '<*40' + 9 806' *1/E .*.6.0'
,1 041 8'06'.+4 61 8' - +*0 0' +* - ., -'5 +40*6 .0'06' *609 6.6 8'".+4040 +*4+8'<
06.**1'7+<+8' .0,+"' ' . ,7 05 015+8' * +".0D'(' 1 - * , ' *' *4 .'1,, 40*6."'
404+8' 06' +*40, - 1'51 6' .**1'2' : 6.60* 0 -'05 015. + -' *' 5.* .'.4056+8'0 6'
3+1'0140 -'.**1'(.". - .*6 ,.0'.,.40 - .0 * 6.+ .*4.05 .054 6+8 + 6',1*4 6 8'*1: 8'
"09 2+8'3+.0' *' 0.'714 0' 0" 9 1 " - 0' 0 :.* + ' 40 *' .4',1*, " + -'% 40*6 *+ -'
5 1 04+8' 51 6' 04 6+ - W8'(091: 0* 68'05 ,15+8', 0.6+8'0 6' 06'$ ' :'.,'$7 " 55' - .*'
4.6+',+ -'40'(' 4.,1' *'20.61 + -'1 4 08' 0 0*41' *0916 + -' 05060 06+ ' 5 1'
2.6 1*08" 1 - 5"+6'4 " 90*60 ',1""09 6'.**1'40 - + -' // ,9 ',1*, " '06'2 0** 1'
51 6 ,1*, " ' 6.6+8'5 .0 08'51 6'0/.*6".618',+ -' *' , 20*41'6+ *' *'*0916 8'6 .4.*4 8'
0 +4 6 1* 8'06'5 +40*6 .0'., *609 6.6 8' 0,)*4.' . - .' **+ - 0 18'".21 08 # .*6+.0'
. 506.*1 + -'40,0 6 6'71,'.**1':S." ' 4 '.06.6 8' +.0' !' 2 2" 1670,.'3+. -'"1'
,+5"06 " - . -'7.202.6' ((.":.61 8' ,71".0'"09.6.' $1 6' 1:. +: . -'4 ,0*4+8':0'
* 6' *61* +8' ' 1*6 +8' ' 1: 14+*1' *'&0 1 - .*4+ 8' 5.6 0' 09 1' 5 .0 041' *. .'
." 13+'4: 6.8'05 015'0 6' *.6)8' ,0 6'<+4 , '06'0/.4.0' 4 " 90*6 .0' <+ ,1* +"6+8'
:0"' 60 60'A.,121' +<.41'<' 3+' .*60' .**28 -' :. , ' 6+ 9+ -'5 1 0 "2 '51 60.'
+ 0" .*+ -'0:1,.6+8' 6'0.'.,.40 - .'<+8' - .9 6.' 03+0+6 .' *60 5 06.6+8'0 6'< +2'06'
0 ' 50'.**+ -'150 . -'*.:.: ' %.*40 -' :. ,+ -' 6+ 9+ -' 0:1,.6+ ' ' 06' *1:.'
<+ 8', : " 8'.,'51*6 , '04 6 1*0' - .9*.*6'".+40 -'5 1 - 0 6+8'.,'5"0 3+0' 5. 6 -' * '
90* ' +' - 1*+ - 0*6 8'5+2" , .6 8' 3+.0' *' +*+ -',1 5+8'." 3+.*41',1"" 9 '5+2" ,0' 21*'
60 0 6'/ : 'S." ' 4 ' 0 0' 0/.90. +8' .6 8' ,1*,,"" 6'.4'(' 551";'6'<'+/6.'J 'D +. '
0*+ -'06' 9+ 7. + -'$. 1*0 -'<+ 8' *' 0.40 -'.,.40 - .'5 1 0"%1608' 05+"6+8' 1B
40 -'60 - 51 0'$06 +8'W .*0 +8 +606 .0$. 61 + -'*.6+8' * 0 *. 4 *1 + -'.04 2+8'
+606 .*' +2 ' 40, 05 6.0 0*04+6 8' 06' .4' +* .'5+2" , .'<. -' *+6 " 8'* 4+ -'51 +0 .6'
402 6+ -' *.6+ .0' 50 1": 6'14190*. 1' - .<1 '<' 50 6 " - +8' E .0,.0' " *9+.0',+<+8
'J .*, 01

% '$?' 2 #)' - # ' ' ' ' ,3/ " !'($' 2.1 ' ' , ,)' ' , '
,)' !# ' ')$' K' " ! ' >( ))' '9 ! $' 8 " ! ' ' ' - " ' * $'J' '
0 $' R2' ' , $' 2 - # ' '1 !) 2' 22a' - 2' 3' "# $2' 2(2 ! e' #)$' /4 +
!)' '8 !$' 2' !' A28 !)'2' -

VV $. C G -

"2 & J .7, ,1 090 5 1 0 "2 +0 .6 51 60. , +4 0*4.0 J .*, , 0* , ""
' # 5+0 6 .0 .4 - 26+8 . 3+1 ,6 51"" E01 9 U (;":.0 414" - ."+ - * - 1 60 - 05 ,1
5.6+ &.+ 0* 41*.6+8 0 6 8 : *1 6 . .0 .60 * 1 - * , 0*6 . - - 90*0 0 414" 6
- +8 * 7 " 0 0 , 5 6 04 * 6 + 6 " - . - " 2 1 + - +50""0 6 "0 - 0" 3+ 6 . 0 "+ - * .
4 90*6 . 6161 "1*9 " - .0 : 6.0 *0, +*3+. - 16 1 .0 60 - 51 0 *16.61 + - 3+.0 6.
- 0* 4 :0*4 6. * + +8 5.+50 + - ., 4 " 5.6. - .9*1 0 " 60 . .0 406 - 0*61 50 6
8 .44. - <1.**0 - I E1 0+ - $. 0* 0 - 5.6 0 6+ ,0* - 04 ,1 *.6+ - 06 5
+ - 0/ ,0""0*60 - *1 6 . .06.60 - 04 ,+ - 3+. - .4 , 0*6 . - 0/ .4. ,19* 6 1*0 5,
,056. - 06 . - +6 +"3+0 " *9+.0 + - - . - 50 6 . - 06 . . - * +6 13+0 , 20*4 90B
*0 0 5040 6 06 1"+61 0"09.*6 . - .4<0,0 .6 3+14 5 .0,". .0<+8 - 1*+ - 0*6. 06
0.*40 * 5 - 8 .6 * 8 :0 2+8 .2 ""1 < /5 0" +8 .2+*40 60 6.*6+ (04 0+ 5 : .4
.0,+" + 1 *. - 0 6) - 06 ,1 - - +*0 0 5+2" , .0 20*0 , + - *.6+8 .2 1 - * 40* 3+,
1041 3+.0 6+ ." 0*+8 *. - *0 - 1 " + - 414 * . 0/3+ 661 <+4 , 1 7+ - .* 6.60 ,+
.*4 0" , 6.60 +606 .0.*60 : 6 6+ 2.6 8 60 - 51 2+8 "04 , . :04+8 .4 . - ,+ - .09 + -
*: 0*4+ - 8 0 .6 E+"0" - +8 & 1". 05 ",15+8 $. 0* 8 5 1 , ,0 06+ .55. 61
2+8 3+18 ,. 18 0 "0 02.6+ 404 , . - , ,+ - " 60*6 2+8 6.*61 5.:1 0 0/.* - .6) 9
0 6 +6 3+. - 4 + 51 60. : / 6 : / 6 .560 - .4 .* 18 .2 01 3+ +0 .6 ." +8 0* -
3+0 40 ,0 0 3+14. - 7141 : +8 6 0, 5 .060 - 660*4+8 : 406+ 0 - 9 +8 , 0"
".3+. 190*61 ,6 14 3+14 714 0) *9 .*+ - J .*, ,+ - :1,.6+ * 2) *0"" 8
.6+8 3+.0 0.40 - 5.6 . + 6 ,1".1 0 161 3+ 06 ,1 - 08 " *1+8:+"91 4 4+8
0 6 06 ,19*1 - * - 04 ,1 3+ + - - . 414 * .0 . - . .4 0/6 0 - . - + 3+0 0*04+60 -
"./606 .0 - 04 , *. - 0, 6 0 - 9 +8 1" - . 1" 167. *9 2)021: - . ,7 1* 8
5 .0,0561 * 5106 ,. .6 *. 06 E."" ,. 0/ ,0""+ 6 04 * E."" ,. 5 .0, 5+0 0 0/0 ,+ 6 <
+ - - 13+0 :0 21 + - 40"04+ 06 0/3+ " 6. 0*60*6 . + - ,1*, ** 6.60 :0 +8 0".21 .: 6
6.*6. ,+ . .47 2 6.)6 3+14 * ""1 *.6+ ."0 ., 5 1 *40 ".+4.6+ - + 6 * ." 1 . 04 .
6+ - 06 401 - 5 12. 516+0 6 < 0+ - 3+0 12 4 $06 +8 1*". 4+8 *.6+ .0 5 41 0 -
:1,. 0 2" 6+8 0 .6 6.3+0 51"" 1* . 4+ - ,+ 3+ 3+ 8 "0,+*4+8 + 6 "1* 0 .2 5"2
.2 + 6 5 1 - + - "1,+ - .+6 60 6 + - 4141 + - <+4 , 1 - 0 + 6 *. - ."60 + - "1,+ -
3+ 4. - A1.,7 - 1" 0"". 2 6 2++*6 3+.*3+. - 1 - * . 3+.0 0, 6 *1* 0.*40 - ".+
\40 - +2 3+0 - 0 0*6+ +6 40 01 +1 "1,1 4 / - +8 %.*40 - 0 - 9 +8 ,+ - 51 6 + 6 ,.
+. 40 ".5 4 2+8 5 06 1 68 " 2 + - 5. 0"09.*6 . , 5 6 "06 3+ 2+8 6+ - +"+ - 2 5"0
6 +/ "0 3+14. - - 141 : +8 0 6 +6 5+ ,7 0 ,0, * 6 1* 4+8 : / 3+ *3+.90 - + -
.**+ - *9 0 "+8 1* . 6 +606 .0 40,0 6 6 14." + - 7+ - 0 8 0".6+8 06 .4 +
9+ 6 * 05+"6 8 .** 2." U + 0 +8 5.6 . 04 1". 60* 68 405"1 .*4+8 .7 0,,* 0)
4+8 51 6 018 :0* 6 : . 8 *90* 0X 414 * .0 1 *. - 0*6 8 0/ ,+"6+8 3+14 :0" ,7 ""08
%.6 +8 .2 01 ".6 * 6.60 41*.6+(.4 51 60 6.60 - *1* *9 .6. - 60 6.2 6+ 8 U *12 "
06 .*6 3+. . - " . *.6+8 0*.6+ 04 1".*0* 6 + . 0, 06 8 + 6 06 9 . ".*60 * + 20
<. - 2 0** + - - ."1 40 3+1 +5 . 4 / - +8 ,+ - 5". ,.*41 + - * 0"09.*6 - 18
&0 +8 0+ &06 +8 . 40*6 - .8 .4 0+ - 5 0,08 3+. 6 5 .0 .9. - 0*60 ,1*, ,5 "%06<
? - 1 21 5 1 ,1 056+8 : 6. - "1*9 1 0 .0:1 4 9*. - : S." 4 .27 5 6 : ,+ - .**+ -
/ / / .90 06 . J .2 6 1 " 1 .4 (. .0 *,1 1*.6.0 *0 .6+8 .40 - , 041 "+0
,0 60 0140 - 60 - 51 0 ?#% 40*6 +2 41 - , " + - /0 .6 .2 + - 56+8 0 6 $ *4 0.8
1 .667 1"+8 |(0* 8 *12 " 6 - . 6 + .0 , : 6.60 J .*, ,1 .667 1"1 06 +, 06 .
1* * 09* . *.6+8 3+ .**18 ,+ - .0,+"2 *+ - 0 ." .6< - .9* *1 - * 8 - 04 ,+8 06
* 5 - 8 . - 1 1 ""1 16.** ,1 150 0 616 08 0,+ 1 ,". +8 3+ ,+ - * .+". .0". 0.
4 +
& % ? *12 " 06 .*6 3+. 0 - " . *.B 2 * # 2 # # "* ##/ \
6+8 !# 8 $ 4 " !# 8 $ $
*0+*60 (0560 - 2 .2 .5 6 =N 4
. # . - 7 0(8 8W,8L8 2 $ R h) 9)$ I $ $ % !# 0 # $
- ! / ! (5)$ 23 ; / $ 8 ! # "# - ")$; $ 28 $
!)$ A2. !# $ B ## $! $ 5I !! ! !

')ʻ *ʻ 0 V

4 "" 6 .9*.ʻ ,+ - ʻ ".+4,ʻ : / "06ʻ 0/ʻ 4+.2+8 +/1 2+8ʻ *. - ʻ 5" "08 ." .8 51 6 ." .8 & ʻ
4+/ 6ʻ ?."60/.ʻ 3+ 40 - ʻ 0 1*; - .ʻ ʻ *12 "ʻ ,1 - 6+ - ʻ ?&. * .0 "ʻ E1 6 .ʻ . - " .ʻ) ʻ
J0 4 *.*4+ - ʻ ,6 . / - " .*+ - ʻ 0/ʻ ."60 .ʻ (+ .**.ʻ ʻ 70 +2 *.ʻ % 40*6 *.ʻ $06 + -
*4 0. - ʻ 2ʻ ,19*1 - *0 - ʻ +, 06 . - ʻ 06 +570 - . - ʻ + ,05 6ʻ 3+ ʻ 5.60 *. - ʻ 9"1 .*6
" :0 41 6 *.ʻ :0 - 1 2+8 *60 - 1 ʻ - * - 0 5. "ʻ +*6ʻ &) 1 + - ʻ 06 0 "1*9 *3+1
5.0*0%05+"6.ʻ - 0 - 1 .ʻ 0:1, .*4.ʻ $06 +8 2 1* +8ʻ ", . , . ʻ: ,1ʻ 7.+4ʻ "1*90 .ʻ U(0
6+2." 1ʻ :0 0612 9.ʻ *ʻ + 6.* .ʻ *.6+8ʻ 5 1 0 " 1*0 - 04R+8ʻ 06 * .670 - .6 , . + -
. 6 + - ʻ 50 6 " - +8ʻ 3+.8 06 414 " - 8 40 . 67 - 06 , .ʻ .2 + 1 0ʻ 156 , .ʻ 06 . 6 1*2
- , .ʻ " 2 8 04 6 8 5"+ - + - ʻ ""+ " . : 6ʻ 1" - ʻ 0* , ʻ , . 4 *." 8ʻ 3+ ʻ 52 6 (02. 6 .*
- 1 60 - ʻ 09 + - ʻ 60*+ 6ʻ 5 .0,0561 ʻ 06 1* - 2 , .0 51 "0.ʻ 7. +7ʻ 5+",70 - . + 6
. 6 + - ʻ 5 1 0 "2 ʻ 71,ʻ .**1ʻ - 1 60 - .6+ .ʻ 3+ 550 <. - ʻ 14190*. +8ʻ 5". , 40.4 ,+ -
- 9 . : 6ʻ 0" 4.ʻ 21*1 + - ʻ 06 6.*6ʻ *1 - * 8 70 040 +* , .ʻ " .ʻ ,+ - ʻ 5.+"1ʻ .*60 0+ -
A1.**08ʻ ʻ . 1 +8 9 " 51*.0ʻ +2ʻ *.6+8 0 .6ʻ 40,0 "06 0 0 056+.90*. +8ʻ *4 , .
7 1 .ʻ + - - .ʻ 40 ,1* , 56.ʻ 20*0 40 + 8 . ,ʻ 1 - * 2+8ʻ 3+ ʻ 7. + - ʻ 5 1: *, . + -
ʻ " ʻ ʻ " ʻ :2 " ʻ " ʻ #) ʻ "ʻ # #
5 - + - ʻ 4 *4.ʻ 0 6ʻ ,+ ʻ 60 6 .ʻ 51 6 - 1 60 - ʻ .+ 61 8 .2 70 04 2 8 5+2" , .6.ʻ . , ,0 " 6
/ʻ 0.40 - ʻ + 6.* .ʻ +50 0 6 +4ʻ *4 0.8 ʻ 0"0*4 +8ʻ ʻ 21 .0 71*0 6 8 5. 0*6 2+8
*.6+8ʻ 5106.ʻ 1 .61 ʻ . ,ʻ 6701"19+8 06 - 0" 1 8 .*6 3+ 6.6 8 : ."40 50 6+8ʻ 3+ ʻ 1: .* ʻ
E +4 1 + - ʻ ." 3+.*4 +ʻ 150 . - ʻ *ʻ " 60 8 *. : . : 6ʻ - .9*.3+0 6+4 1 + - ʻ ,1*<+* 6 1*,ʻ
,+ - . - .*1ʻ .ʻ E108 , :0 +1ʻ : / 6ʻ 5"0 .3+0 , 5 6ʻ 06 ,1* " 1ʻ +1ʻ ." 18 *ʻ , 20*41ʻ
<+: 6ʻ - 2 1 1ʻ " 1 ." ʻ 06 2ʻ S02041ʻ %1"06.*1ʻ . ,ʻ 40* 3+0 A1.**ʻ Vʻ &. . ,1ʻ +90* ʻ
- "6.ʻ .4ʻ 7 61 , .8 .*6 3+ 6.608 ""+ 6 .*4.8 .2 8 ,1* +"6+8 +990 " 6ʻ 6.*40 - 3+0 66
0* ,ʻ * .*6 8 $1 6+9."" .0 , . 4 *." 8 . - " .ʻ <. - ʻ 0* 1ʻ 9 . : 8ʻ , , .ʻ 7.0,ʻ 60 - 51 .ʻ
40 , , 6ʻ 1,ʻ 06 .**1ʻ 4. - +8 1 140* 60 * +8ʻ $7 " 55ʻ + 01" ʻ %70157 . 6ʻ $. . ,0" ʻ
71 - * 8 *1: 6.60ʻ , 0*6 .0ʻ 3+.0 **.6.ʻ *90* 8 7+ - .* 8 ,+ 1 6.60 3+. - ʻ 5"+ - 18
04.61 08 7.2+ 6ʻ 3+. - ʻ 04.ʻ 57 "1 57.*4ʻ .6 1*0 ,". 1 8ʻ +6 5 - +8 ,ʻ 4+8 , ʻ
6+ 3+0 06 1 0 06 150 0 # *60 5 08ʻ 71 - 1ʻ " 20 ʻ ʻ . "0.0ʻ 1"4ʻ ,10"13+0 " 20 1ʻ 0/+ ʻ
: .8 - 1 6." 6.6 8 21*.ʻ 40 4051 6 !71,ʻ 0* - 0"19 1ʻ 2ʻ 5. 0*6. ʻ :1"+ 6@ .06.6 8
7,241 - .40 056 - .ʻ 7.+4ʻ 5.+"1ʻ - .9 6 1ʻ ""1ʻ +1ʻ .**1 1 ʻ 3+ ʻ" ,06 *1: .ʻ - 04 , *.ʻ
+.ʻ *1*ʻ 1"+ - ʻ *,+ .2 " + - ʻ - 1 21 + - ʻ 5"07. - ʻ .*.6 1*0 - ʻ 04ʻ 06 . - ʻ : 6.0 5 14+ ʻ
,0*4.0 . 60 - ʻ 5 1 6, 06+ ʻ .**1ʻ 7+<+8 .0,+"ʻ ! .06.6 8 =ʻ : 6. - ʻ 7+0 ""+,ʻ *ʻ
60 - 50 .*60ʻ .4. - ʻ : .9.*41ʻ 12 0+ 0 * : 6
&"0 #ʻ 0"9 1ʻ "1*90 ." 1ʻ "1,1ʻ 08 0 .*6ʻ +2ʻ ,1*6 . ʻ ,+ - ʻ .**+8 .ʻ 5. ,0 *,05 06ʻ
*ʻ 20""+ - ʻ 60 *0, *+ - ʻ + +8 40 6ʻ 3+14ʻ *+ <+. - ʻ .2 01ʻ 60 - 51 0 ,1 - 51 6+ - ʻ
51 6 0 - 1ʻ *ʻ 7.*, ʻ 3+.0 714 0 "" 8 *ʻ 5 1: *, 8 ,0 * 6+ ʻ ". - 0*6.2 "0 - ʻ 0 + - ʻ . , 0 - ʻ
0: . 6ʻ ." ʻ A.*+. 8ll (ʻ E "0* ʻ .22.8 06 0"04+8 ll 6 02.6+ - ʻ 05 ,15+8 . 1"+8 1 +8
. : 0, ʻ - . ,7 1ʻ 5 .0 04+8 6 E.*40* 8ʻ . 1"+8 *. 4+8 040R0 R +8 ,+ - ʻ 41" ʻ
571ʻ Z 0R0 R 1ʻ .2ʻ 4 * 2) 8 40"09.6ʻ 1: .* + - ʻ 06 ? 0,7" * . - ʻ ,ʻ + 6 1ʻ ,1 - - 1 ʻ
4 6.6 8 06 - 1 .0 , . + .ʻ 1 0 +*6ʻ +6 D +,0 - 2+ 9ʻ ,+ - ʻ 01ʻ .4.ʻ 7 8 *ʻ "1, 8 ,1* , ʻ 06
, /0,+6 1*ʻ 40 - .*4. ʻ 51 *6ʻ * +50ʻ .44+*6ʻ " ,0 0 5 ʻ .4 + ʻ ,1 51 8 6+60". -

. ʻ ʻ / +'&3 3)!0='B" ʻ
5 " ʻ ʻ ʻ $ ʻ> ʻ + ' ʻ ʻ ʻ I ʻ! # ʻ
ʻ . # ʻ - + ʻ ʻ ʻ % $ʻ ʻ 5 $ ʻ ʻ " ʻ - G6 ʻ 5 6 ʻ ʻ #
N ʻ ʻ ʻ / ʻ % $ʻ % ʻ % ʻ <+ʻ ' & $ʻ ʻ ʻ 0ʻ
($ ʻ B 6 . ʻ K ʻ 6. ʻ ʻ / ʻ B 0 ʻ 5 ' . .
ʻ $ʻ 0 ʻ & / & ʻ 5 A
- 2()"ʻ 3 '1'3H 3=1" ' "' ʻ ")' "1' !G29 &3=!' ?'=2=<32 1' 'G3 ?3!G?' 3>'>') 3) [3=4
(' B2" 1' ! &3=)') +'>29 3)'G=' 129 ')3=G=39 ʻ LD >' " >!' '1G3=")!=' >3>' "&')" ʻ "9 ʻ ʻ > >" 129
G3=' 29 "3 29 ʻ ʻ)"(' "1' 3) "((' "1' (' B2" 1' #!>3 +)3' '29 =3 2>')6 06 "H' 1'("" "T' ʻ ' +3='G+')
?3!G?="+)' " ='G)")=" +)2(') #3032 9 "1>'29 .**1 _Vʻ 4 ʻ 5
! 1 39 ('0=!9 13>' !9 "=" 3((' ='3 3 ! &3=)')
. ʻ 4ʻ f

& ʿ5 .060 ,.+6 1*0*ʿ.2ʿ 4 * 2+8ʿ4.6. - ʿ 6 5.61 ,8ʿ *ʿ 0"9 1ʿ*.618ʿ< 62ʿ."%+ - 0 ,ʿ 0 3+,ʿ
ʿ ʿ."3+0 - 6 40 - 0/5 1: *, . 4+ - 2 5 ,; +Gʿ. 2 6 15 .0 ,0 0M *ʿ0. - 3+,ʿ60 *ʿ 3ʿ
12 408ʿ 4. 0ʿ5. .618ʿ 1 60*4+*6ʿ G+ 2+8ʿ,1*4 6 1* 2+8ʿ. , ,056 8ʿ + 6 +8ʿ , 561ʿ40ʿ
,". .6ʿ5 .0 0 6+ - ʿ 6 5.61 + - ʿ 0" 90 0ʿ 0ʿ 09 4 + - ʿ . "0 .1*6 + - ʿ 0 9 + - ʿ ,+ - ʿ
ʿ, - ʿ - " 6+ - ʿ *1*ʿ 1"+ - ʿ.4ʿ,1 51 8ʿ 04ʿ"1, ʿ3+0 *ʿ0"04"+ +8ʿ 0 06ʿ ,+ 614 . - ʿ ʿ
51 ,0 0ʿ 60 - ʿ12 4084 2< 4. ʿ .: 0,+ - ʿ5 .0 0 6+ - ʿG.*40* 0 - ʿ" 1*6 * + - ʿ 06ʿ
.*ʿE0 6 +4 8ʿ5 .0 +"0 - ʿ 3+ʿ *ʿ, 1 0* ʿ. ,0ʿ 014 ,0* 8ʿ05 ,15ʿ 0ʿ +2ʿ,+ 614 3ʿ
6.*6ʿ 4ʿ3+14ʿ40"09.6ʿ 0 51*40 +*6ʿ G 4 *08ʿ 40 - ʿ12" 9."%0ʿ*1*ʿ5 +8ʿ 0ʿ.ʿ 10ʿ
40 0ʿ06ʿ. - 8ʿ4 ,0 + 18ʿ3+. - ʿ 5.*ʿ 0"9 1ʿ0/ ,0 "0 *6ʿ 0 40 - ʿ 1040 ʿ=0".*418ʿ06ʿ
1"".*418ʿ +2 , 5 "0ʿ .":.ʿ +.ʿ 0" 9 1*0< 43ʿ3+.ʿ6. - 0*ʿ +6ʿ 5 1: *, . + - ʿ,1 - 6 .ʿ
6.6+.*6ʿ 50 - 660 0ʿ40ʿ ,060 1ʿ*03+.3+. - ʿ *60""0/ "%0ʿ+6ʿ 5 0ʿ 12 408ʿ. 2 6 .6+ʿ +1ʿ
0" 90 06ʿ.+6ʿ 6 5.61 2+8ʿ4+,0 - ʿ + - 0 06ʿ ' 04ʿ." 18ʿ*1 - *.60ʿ:0""0ʿ' 3+ 550ʿ,3 - ʿ01ʿ
+ - ʿ3+18ʿ506.6ʿ150 .ʿ: . .8ʿ12ʿ,.+ .8ʿ +6ʿ40, 0:0 *6ʿ3+14ʿ ʿ 5 0ʿ *ʿ,1""13+ + - ʿ
:0* 0ʿ ,+5 .6ʿ 4ʿ ""ʿ" 20 + - ʿ 1 0ʿ.4ʿ. ,0 - ʿ 1 0* 0 - ʿ*0+6 ʿ5. 6ʿ.44 4. - ʿ - 141ʿ
5. ʿ,1 - 6.6+ʿ06ʿ *0ʿ. - 8ʿ:0* .6ʿ06ʿ:061ʿ ʿ "5.*ʿ6. *ʿ, 61ʿ 0"9 1ʿ0/ ,040 0ʿ*1*ʿ
3+0.*6ʿ .6 8 0 ʿ *60 - ʿ 4 * 2+8ʿ 51 0 ʿ ʿU *6+0 5 .*.ʿ. /ʿ06ʿ .ʿ *ʿ 5ʿ1 + - ʿ
- .*+8ʿ ,1* 9*0*6+Aʿ< ." 13+ʿ12ʿ5 .060 6.8ʿ + 5 , 1*08ʿ*1*ʿ 3+ 06+ 18ʿ 4 *08ʿ.+6ʿ
.6 - .ʿ4051 6+ 18ʿ - ʿ *4+, . :0ʿ ,1* 0* + 18ʿ + ,ʿ 0 51* 1ʿ 0/0 - 5"+ - ʿ 1040 8ʿ06ʿ
,1*,1 4 .0ʿ *60ʿ5 1: *, . + - ʿ 4 *08ʿ:ʿ 4ʿA.*ʿ.*6.0ʿ06ʿ5+2" ,1ʿ,1*, " ʿ ".6+8ʿ40ʿ
, 061ʿ +/0"" 8ʿ *.6.0ʿ.44+*6< 3+1ʿ .":.ʿ 0" 9 1* 8ʿ 51 "1" ,.0ʿ 1 - .*.0ʿ06ʿ 120?ʿ
4 0*6 .0ʿ 09ʿ402 6.0ʿ.+461 6.60ʿ 104+8ʿ,1*6 .ʿ 5.*18ʿ01 + - 3+0ʿ .+61 08ʿ.2ʿ 4 B
* 2+8ʿ5 1: ", .0ʿ50 4+0""0 8ʿ*+50ʿ40,". .618ʿ5 1ʿ" 20 6.60ʿ5.6 .0ʿ * 6+ - ʿ 0ʿ 0" 9 1 0ʿ
0 :.6+ 18ʿ *ʿ 43+0ʿ : 6. - ʿ3508ʿ06ʿ ,+*4.ʿ +.ʿ - 50* + 18ʿ *60 51 61ʿ<+ 0<+ .*4.ʿ
,1* - .2.*6ʿ %.*40 - ʿ + 6 +8ʿ,+ - ʿ 104+8ʿ *:."0 ,0 0ʿ 03+0ʿ: 2+8ʿ,1*6 .ʿ6.*6. - ʿ
- 1"0 - ʿ - 5. 0 - ʿ,0 - 0 06ʿ 71 - 1ʿ *.6+ .ʿ0".6+8ʿ." . - ʿ 050*60ʿ 50 1*. - ʿ *4+ 6ʿ06ʿ
515+". 6.60ʿ.,ʿ,1 - 6.60ʿ.* - 185 1: *, ." + - ʿ40 - 0 0 ʿ .6.90*8ʿ01 + - ʿ 0ʿ ! # ʿ
0 - 5+2" , . - ʿ.4 - * 6 .6+ + - ʿ5 1 0 "+8ʿ0 6ʿ 01ʿ5 +40*6 1 2+8ʿ + 504 1 ʿ3+14ʿ * 6*ʿ
+50 2 .ʿ*03+0ʿ 0ʿ * 6 +ʿ.+6ʿ0 +4 ʿ . , "0ʿ5. "+ +8ʿ0"%06ʿ *03+,ʿ6. - 0*ʿ0.ʿ.0 .60ʿ06ʿ+ " ʿ
0 + - ʿ0 06ʿ+6ʿ 5 0ʿ50ʿ 0ʿ5 15 1ʿ *90* 1ʿ 0 - 5+2" , . - ʿ90 0 06ʿ 6.3+0ʿ".60 *.0ʿ.2 ʿ
3+0ʿ"+ - *0ʿ.ʿ 06+ *ʿ50 6 8ʿ:+"91ʿ,1 - 5. .2.6+ ʿ A9 6+ ʿ.** 60*60ʿ J 40 ,1ʿ!$0 0ʿ
161ʿ . - 5. . ,1ʿ *60 :0*6+ʿ05 ,15ʿ 014 ,0* 8ʿ 9ʿ$7 " 55ʿ? "4 h **0 - 20 ʿ
9 ,ʿ 09+" ʿ.ʿ .0 . 0.ʿ - .<0 ".60ʿ40"09.61 + - ʿ3+ 2+8\ʿ.4:1,.6 1*0 - ʿ5 .02+0 0ʿ " : ʿ
4+48ʿ1 .61 08ʿ51 6 0 - 1ʿ . ,.0 . - *.0ʿ5 4ʿ 4ʿJ02 ʿ6 .* 9 6+ ʿ< 04 4+ - 3+0ʿ
,1*4 6+ < 3+14ʿ ʿS."ʿ . 6ʿ +/0"" 8ʿ06ʿ *6+0 5 .0ʿ5 1 - +"9.6+ - ʿ - 6ʿ' 3+1ʿ06ʿ
5., , .6 1ʿI E.*40* 8ʿ +50 1 0ʿ .**1ʿ .4.ʿ,1* - .2.6+ ʿ06ʿ40ʿ$7 " 551ʿ ʿ + .*1ʿ
.+ 1*0* 8ʿ "1ʿ3+ʿ *ʿ "5.* .ʿ<. - ʿ616ʿ.**18ʿ.66 *02.6 ʿ" 20 .*41ʿ,.+6 1ʿ *60 ʿ
51*02.6+ ʿ %. - 0*ʿ *60 ,0 " 6ʿ .+ 1*0* 8ʿ06ʿ , 561ʿ ʿ "402+ 9ʿ04 61ʿ51""ʿ9 . ʿ
6 .8ʿ 4 * 2+8ʿ. 6.8ʿ06ʿ .+4.6. - ʿ01 + - ʿ *ʿ ."+60ʿ5+2" , .ʿ5 1,+ .*4.ʿ,+ . - ʿ06ʿ5 +40* ʿ
6 . - ʿ3+.04. - ʿ6. - 0*ʿ +20 "0ʿ4 , 6ʿ *ʿ3+ 2+8ʿ06ʿ 5 0ʿ06ʿ 1"".*4 .0ʿ.,ʿ=0".*4 .0ʿ B
4 *08ʿ." 3+ 4ʿ40 40 0*6ʿ +6ʿ 5.*ʿ ,+6ʿ<. - ʿ40,". .6ʿ +0 +*6ʿ01 + - 3+0ʿ .+61 08ʿʿ
40 - + - ʿ4 0 6050 4+0""08ʿ06ʿ5+2" , .0ʿ6 .*3+ "" 6.6 8ʿ71 608ʿ40,". 0*6+ ʿ. - 5" + (4,ʿ
5 : "09 8ʿA 20 6.6 2+8ʿ06ʿ - - +* 6.6 2+8ʿ, . :0 .6+ ʿ 0 0* " - .0ʿ *9"1 + - ʿ 09 *.0ʿ
06ʿJ .*, ,ʿ *4 + - ʿ4 , 8ʿ3+1 + - ʿ5 150*". - ʿ *ʿ 0ʿ20*0:1"0*6 . - ʿ6. - ʿ*0,0 ". 1
? 60 - 51 0

- ʿB 0ʿ ʿ5 - ' 6 $ʿ7 ʿ5 ʿ4 0ʿ 4' $ʿ
R 4 D / < . > ; , . % *

- ! $5
D - L "&!") >32H 0"=! 9>3 Q 303=B5 JG3(("))' ! 3 " +"") 2 ! 1 G=!G=< >'(" $
C2 3+) 2 ('32+2 (" !+3((3 &3=9D =3&395 C2 G!=D G!2 + 6 ('+3a . 4' R
)!'3) (3 != >3 ?('GG35 R >"2)") C23 (39 + $ 4
((31" 9 "GG3((3) (3 G(29 B> - >3 3 ! 1 "GD

G ' ' 5' ' ' (

60 - 51 0' 0/50 6' +*6' 71*1 ,0*6 1' .66*0*6 1'< *03+0'7.,' : ,06.*6+ - ' 04' 40 *' &
,058'9+20 *.61 08' 4 *+ - '. 2 6 1',1* 6 6+.*6+ '71,'0* -'.4'5+2" ,. -' 0,+ 6.60 -'
- ./ -0'50 6 *, 0' 4'0/6 0 - + -'.44 6'3+.*41'40' 0'<. -'6 .* . 6.' + 6 .'4 5+606+ <
4 *08' 1040 .618' E.*40* 0 -'5., ,.6 1*0 - 0 9 1 0' 0 :.6. 18'06'<+/6.'0<+85 .0 ?
, 56+ -'150 . -'4.6+ 18'+6'"'60 - 51 0' 5 .0 * 61' 5.*' 0"9 1' *1*' 0/,04.*6' 0
*+*4.6.' + 6 1',1* "1 - -',1*<+* 6 1*0'01 + -'4 ,0 +8' .50 6.' : '+ 90.6+ ' +
. 561'" :0' 5 160 6.6 1*' .+"1*0* 8' S."' . 6'.2' 4 * 2+8'90*0 ." 2+8' 0 51* +*
0 6' - .9*.'0/'5. 60' 0' .6 8 .4+ -' *. -'*1*'." +4' 018' :0""0 .+6' *60""0/ "0' 3+. -'+6
5., ,.6 1' E.*40* 8' 0 :06+'<' 6 50*4 . ' - "608' 5.*' 6." ' (03+.* ' 7 ',1* 6
6+61' 60 - 51 0'0/,0" 0 *6' : '. - "3+0'0/50"".*6+ < . ,08' 6 .4.*6+ ' '06' 6.',1* - .6 8
" 20 6.6 2+8'.,'5 : "09 8'"0,+ 6.6'5+2" 0.0'5"0 0|5 1"5 , .6+ '(0,+*4+ -'7.0, *6+0 <
5 .* '+6' / '04 4',.5 6'3+ ',. :06+ '*0'."'.'3+. -' 51 61" ,.' 1 - .*.' 0" 9 1'"1,+76
7.20.6' .6 8 .,0 0' 5 1' +.'5. 60' & 40 0*6+ ' ,1*, 1*.61 08' - .<1 + -' 0" 9 1*'.4:0
.*60 8' .4' ,'0:1,. 18' + 20' 0/,040 0' <+20*6' G+14' *4 9*0' 0 0*8' 0/' 4 *+ -'*+
- 0 1'A1.**08' ?(. 90 ' *' - .9 6 .6+8' , * 0 +' .+4 6+8' 4 .' :.6 , *. 41' + 2' *60
- *.6+8'4 , 6+ '3+14' 0' :062'4 : *'56.04 04 1*0'71,'5.41' *4 9*18' 0440 0*6' *6,.
4+ -'40' ,1*4 6 1* 2+8' .47+,'4 0056. 06+ '2A+5 ".0' 2.+4'"1490' .' 014 ,1' 5.*'.
(,16 (<4+,0'A.,121' P ." + 1' - ."0' - +"4.6' +0 .*6' '06' : , -'+ 90*60' 12 4 1*0 -
)"6 .<04 *.0'. , 8' ./ - " .*1' 2' 1 +: ',1 - 60' 3+'7+50'" 20 6.6' 0 6 6+6+8' +0 .6
,6U 0 9 1' - "608' 4 *+ -'06' 155 4.*'+*.'06' ."60 .'5 .0" 4 . 1 - 7' 5.*1 + -
0 - 56 1*0' - .9*.'4. - *.' .0,050 +*6' - +"6 8' 0/' + 8' *60 04 8' : ."'1' 40<041'06' 9*0
*' : , *.8' .040 8' *<041' '36"0 -' 0 6 *9+0 0' *<+ 1 0' <+"" '.,', .4 ?J .*, ,.*'06' 1
- * ,.*' 3+14' 50 ,+"1 + -' 0 06' - " 6'6. *' : , .'. ,0' *' .50 6+ -'5 14 0' 06' 0"
9 1 8' 71 - * 2+8' "5.*'5. , 6+ ' , 040 0*6+ ' %.*40 -' 4' J02 ' . /' *' 1 "" ;
- .*6 8' ,1* 69*.6.'0 6'.'J0 4 *.*4 a' : ".'*1*'404 6.' . -'40' 8' :0 2 8' 4 +' *60'01
."60 ,.6+ -' + 6',+ -' : ".' : .* 6.60' 90*6' * 66.' 0' 516 +8' : 6. -',+ -' + 8' 1 - * 2+8'.*6
+ + -'3+. -'404 6 1*0 -' .4 + -'. - . 06' 1/'06' '& 4*.'.,' +"0 - 2+ 9+ -' *
.6.: 8'. ,08' - +* 6 - .0' 6 .40*60' (%1 40 "".'06' " 1 1' +51' E.""1' ,,056.0' +*6
$.+"1' 51 6' 5 1 - +"9.6 1*0 -'04 4' : 'J 4' . 6'. /' 76+0 5 . .' 6 40 -'6 .4 6.'0 6'
,1 . -' .0 . 01'"09.61'.' . 6 *1'' 1 1'(.*4 ' : ".0' : ,. 1' *. -' 5 ,'4040 0' 0. *'
: .* 6.60' "5.* 0*"' 6 40 -'*1"+ 6' '06' $7 " 55+8' 1 +8' 4+/' . 0716.) +8'<+ 0<+ .*41'
5 +8' .'A1.**0' ,1:041'.4.4+8' 0. *' 0' 09 8' $7 " 55'*1 - *0' 0 :.6+ + -'*03+0' +""'
- 1 6." + ' * 6' 40' 0/5 0 2' 5 +8' - .*4.60'6 .4 6+ + -',+ -' 0"9 8' - " 6 2+8'. ,0 -'*'
9 0'%+8' 0 6' 4 0040*6 2+8' 5.* 8',+ -' * 0*6' - 504 - 0*61 + -'0/'5 .04 8' 6' 0"9 1'
.4 8' ,1 - 6.6+'3+'06'' 0 - 1*4.*+ -' .5 ."0 -'06' E1*9*0+ -' 0,+ -',.56 :18' .4'
4+/0 +*6',+ -'3+ 2+8' 51 60.' E. 5. '? 12"08' "" +8' &."40 +8' 06'." '6 2+*' 5.*'
5, - +6.6"' " *6' 5.*'50' % .<04+ -'.4' 1 . -' 6 *0 0' .40' 06' +,0 - 20 90* 0 -'
5 *, 5.6+ -'$06 1' *0 61' .*8 0"4 1',1 - 60' 018' 404+,0*60' *' 6." . -'50 0/0 +*6'
< *1*' 40' 40: 41' ."60 -'40' 4 0561'.,' :. 6.61' 0"9 1'6 + - 57.*608' (3+ 40 -' 0 *. '
4 *+8' 0*41C.' 0 2 6'.' - 0* 0' (0/6 "'5 1/ - 1'3+1' *60 *0, 7' - 16+8' *' 0"9 1' 0'
*1: .6' - 6'.4' 04 4'+"6 - '5 1 - +"9.6 1*0 -'. - 5" +8' // '5 1: *, ." + -', 1'.2' '
5.* 8' + 0' ,.0 .' ' 69 .',.56.'',+ -' 5.*' : /' ' - " 608' +' 4+,08||61 1' ""1' 60 - B
51 0'. - 0 *6' 14'.*' .0: 6 .0' 516 +8' 3+. -': 6+6 8' 3+14' ""0' :1"+ 6' 0/0 - 5"+ -'
0/ 6 - . '4020.6' - <+4 ,.*4+ -' 8' 0" *3+1' 3+'616' 71 - *+ -' - "" .'.2' 5.* 8' 0+'
51" .6.' 0+' *60 04.' 0/' 155 4.* 8' 06' - 20""'6+ 2.',1* 6. 0' T/' 40' 0 + -'90 6.6+ -'
05+6.2+*' ' $.+"1' 51 6' $7 " 55+8' 5., ,.6 1*0 -' .6. -'7.2+ 6' 4 5"1 - .60' 0.' 40' 0
, - J1' & ' 4' 5 "0 8' F

&

' ' ' ' 7+ ' 0 '' ' ' '5 ' 7% ' '% && ' ' '% 0 '
' 'B $' ' ' ' C ' $' ' '5 ', ' ' B 0' ,'
' G 0' ' $' ' ', $' * '" '$' ' '% 0' e' .'

W

&) &"" ' '7.0,' +6 +8'.4'3+0 *' .+6.*4+-'<.-'5 1,0 08'+*4 3+0'? 4

'JSA' %8 - ':.*+-',1*:0*0 .*6' -.9*1',1- 6.6+'06' * "9*'51-5.' +/0"".8'S."' ."' *9 04 '
6+ ' *60 '"09.6+-'51*6 ,+-'06'05 ,15+-' 014 ,0* 0-' -04 +8'6 +-57." 2+8'.?
,+2+8' *'0<+8'71*1 0-'0/ 6 +4 8'06'"+4 8'5+2" ,8' * 6 6+6 8' ,'40-+-' :' 1*'0<+ '
40-' -0* 8'5+2",.',0 0-1* .' +- -+8' 0"9 '9+20 *.61' *.+9+ .6+ ',+-'5 +8' '
40-' ., .-0*61' *60 51 06' 0' 5., ,.6 1* 8',.5 6.' 0" 9 1 0' 0 :.6+ +-' 9 6+ '
5 .0 ,8' 0"9 ',1* 6 6+6+8' 1-*0-'150 .-'4.2.6'+6'5160 6.60-',1*4 6 1* 2+8' ,10 , '
6.-' .-5". 06' 5"0*03+0' 06' 3+.*6.-'7.2+0 .6' "2.*+8' 0, 50 06'< .4' 4' ,1* "1'
6.: 'E1*C< .0' .56 6.0'%./ 8'06' ,1:04'++8'< .- ,6 .-'3+13+0' 2'.4-14+-'
+6 R-'01--' .6+8'3+' 5.* 8' .2' * 6 1' .: "0*6' $ 1560 0.' .*8 "4+-',1- '
60-'2 . "0-1*6 +-'0<+ 3+0' "18', .4 "".+-' 09.0',1- 60-'I 09 4+-' 0 '
9+-'DJ"1 +-'J"1 1*+-'06' ".+4 +-' ' "6.50**+-' *' . 4.*' .-". 6.60*'.4'
, :6'5 .060 0.'("2*:""+- ' &.""+-' E1- ,+ +-' &. "+0"+-'06' E+"' 1 '
*+-' 0 .0+- +/0"". +-'5 .0 04+-'." 1"3+0' 71*1 2+8' 06' -+*0 2+8' ,+-+".: 6'<
.',060 8' 0' ."0*+-'5 .02+6' %+ *'2 . ,716.*+-'.4? .+ 1*0* 0-'"09.: 6'0+-'
.4' ,1""13+ +-' *:6.*8'3+1'40' 05+2",.' *',1- -+*0',.5 6.',1* 0 0*6' 0 *'.2'
4 * 2+8'506 6'+6'5"0*.'.+61 6.8' 2' 0 6 6+0 06+'<*+-0 +-'6 5.61 .-'06 .-',/ '
60 *1 +-'3+."0-':0""06'7.20 0' " ,0 06'3+1 6 5.6+8.2'+*.' *' ."60 .-'+ 20-',1- '
-0. 0'51 06'< *0' 5 .0 04' *'155 4 8' *'3+ 2+8' 0/':060 ',1* 06+4 *0' *1*' + ""0*6 M
-51*0 0*6+ '+6' 1*.*08' 5 .0 04 '-"6+-'6 2+*' -"608' 0"9.0'3+1,+*3+0' 60-B
51 0' :1,.6 ',1-5. 0 0' 06' -50 . ' .,0 0' 60*0 0*6+ < " 2 3+0' *'90*0 0' 40,0 *0 ,'
,6' 6.6+0 0' 40' *0916 8' *'4 08' 1,,+ 0*6 2+8' <+8' 0" 06' 4+-'*0' 3+ 4' 5., ,.6 1*'06'
5 :"09 8' 5 .,<+4 ,06+ '06'3+.' 4 *08' *1- *.'01 +-'04 40 .*6'3+18' 41*018' 0/ '
6 -.2.*6'3+',1*, "1' ,106+ 3+0' *60 0 0*6'*1-0*,".61 0-' 0+-'" 2'6 .4'506 , '
+6' : 40.6'3+' *60 '018' +"504'"*6'.+6' - *+8' 41*0'' ' .+" 1*0* 8'06' 1040 .6'
,+-'01' 4 *08' 5., ,.6 1*' .6 8 .,0 0' *1" *6',1 .-0 ,+-',)- "" 81-*0'06',1"B
"13+ +-' *60 4 ,.6+ '$ .060 0.'+6'4+1',.5 6.'40' 0" 9 1* 8' 51 61",.0' 1-.*.0' *'
6.+ .6 1*0' 06' 1204 0*6 .' 09'402 6.'0/0,+6 1*'40-.*40*6+ '60-5+8'.*6 , 506+ '06'
006' *' 90*0 ."0-' 4 *+-',1*:0*6+-'*0916 +-' 0<04+-'" 6'40' 01' -1 .'1- *'
51 67.2 6. 40,0 *.6+ ' .+" 1*0*"' 60-' - 60 14. -0* 0 8' 6.*3+.-' 1"".*4 .0'
5 .0 04+ .0' 2',5- -" .0' +24 618' 1", 6.*6' 12: .-':0"',+-'. - 8' 0.6+ ' .8'
+ 6 '506 6 1*08' 5. 6 -'0/,+ .6 1*0' 5. 6 6*'60 9 :0 .6 1*0' 4 *08' 0"+ 0 +*6'< ,+-'
5 0' *60 -'- * -0' ,0". 06' * 6 9.*60' ,1:041' *1:'20""' *' 0"9 1' 0/, 6.*4"'
.+41 0'1-* .' +- -.' ., 0*8'+6' -50 + .'3+14'.2' 4 * 2+8' *' 50, 0-'.- ,0' 50 '
602.6': '06' * 4 1 8' ,1*"6" 8'"'51 06' 0, 50 . 06' 6.3+0' ,+-'J 1*820 9 1' ,1- 60'
,1".1'I'$1":""0 1' . 1"1' J1R. 1'06' 1 *0" 1'' *40*"'E0 -.*1 +-'6 2+* 8'
3+18' " ,06' 515+". 2+8' "+ 50418' *6+0 5 .0' -.*0 0' ,1*:0*0 .6'41*00' 5 1- .'6 '
50*4 .'5"0*0' 0/ 1":0 0*6+ ',".-'.9 6' 06' - 8')60 8'3+.0' 51 60.' 0:+"9.6.0' +*6'
,1*60*4 6'+6' -50 .6.' .,0 0*6'"0' 0* -' 1 0 '+6' 06' 09'.+41 6.8' .":.'-.*0.6'*,,'
4 *08' 018' 6 50*4 8'3+.0' 21*.' 40' 4 1":' 0/'06 5 0' *60"" 9.6' .+4. 0' 51"" *6'
3+14' .4' ,1* "+-'40' + 20' + +8' *60 , 5 0*4.'.,'4 5 0*4.'50 6 *0 0' *60 5 06.6'
4 *08'01' 02+8' + 8' -.6+ +8' ,1* +"0 0'06' .2' + " 1' 2',.:0 0' ,1050 +*6' + 6 +8'
+2' 4'60-5+8'0:1,.61' . 1"1'2' 1 1' - ., '5 *, 50'3+'6+*,' . 0716.*'5.B
0*6 8' "1,1' . ,'5 .00 .6'06 .-'40' . ,0' *'5160 6.60-'50'0<+8' .2 0*6 .-' 04 90*4.'
,19 6. 0', 04 6+8' 0 6' +/0 0' +"5 , 1*0-'"60 .0'6+*,'60-51 8' *'U 0*0. *'5.91'
.' .:. '- * 6 8'4+-'50':0 04. 18' *' 5.* .-'40 0 0*6+ ' *60 ,056.0'<3+ 2+8
+6 +8

% $? % 0 :5 . . , $
% 0 B $ > $ > 0 B > > 6 $
X ' . > & 2 , B B $ 2 0 . 5
'4 U . > . ?G 0 . , ' 0 %

)   5   ' 6ˢ 8   0   "ˢ   ˢ   f :

+ 6 +8ˢ 06ˢ   61&04+8ˢ $7 " 55+ - ˢ .4ˢ 2,) 6 - ˢ *ˢ   ,"9 1& - 1 : 0*4+7 ˢ *, ^2.6"6ˢ   .6 1 ˢ   &
* 2+8ˢ 06 .6*ˢ 20"" ˢ 90 ,*4 ˢ .4<+*   . 8ˢ +6ˢ * -   +9. ˢ ,+ - ˢ , / 9+1ˢ 04ˢ 40"041ˢ - " 6+ - ˢ *+ ˢ   ,+ 0ˢ
7 0 1ˢ 4ˢ . ,0 06 ˢ *03+0ˢ - +* 6 .0ˢ 06ˢ *ˢ ,1*6 *0*60ˢ) 6 .0ˢ Z 208ˢ 04ˢ * +". 0ˢ 5   - 1ˢ * : .40
A60*6+ ˢ 3+ 2+8ˢ , .56 8   060 .8ˢ   . , "0ˢ   +2ˢ <+9+ *ˢ -   + - ˢ   ˢ .40 - 561ˢ - .   6 - 1ˢ ,1 -
- 0 , 1ˢ 3+1ˢ   2"1ˢ 616 +8ˢ 5 1 : *, . 0ˢ 1508ˢ ,1* 6 .*6?   G+14ˢ +6ˢ ,1 - - 14 +8ˢ   .6ˢ 0 0*4.
*60 ˢ *12 " 6 .60 - ˢ 06ˢ 5"020 - ˢ 12ˢ   0" 9 1*0 - ˢ . ,ˢ ,1* 0 0*6   + - ˢ " 20 6 .60 - ˢ 4   " 4 .
* . - ˢ   *40ˢ . ,   0ˢ ,0 6 . - 0*ˢ 5 1 ,+ˢ" 4+2 1ˢ 0/1   6+ + - ˢ 3+14ˢ *12 " 6 .6ˢ . ˢ 5"02 8ˢ 5. 6 2+8
4   0040*4 ˢ 06ˢ 5 .0 4ˢ ,ˢ .55" , .*4 ˢ 1,0." 1*0 - ˢ 06ˢ *0,0"" 6 .60 - ˢ   6ˢ 5 .02 6+ + - ˢ   ,
. +60 - ˢ 4   " 40*60 806ˢ *60 ˢ 04 : "28ˢ . , " +8ˢ   ˢ 06ˢ ."60 +*. ˢ ."60   +8ˢ 150 . ˢ 155   -
51" 0 ˢ .4ˢ 4ˢ 0/5 04 6+ - ˢ : 40   ˢ U6ˢ   5040ˢ .+/ " ˢ   09 ˢ E."" .0ˢ .4ˢ 20""+ - ˢ ,1*6 . ˢ $ 1
60 6 .*60 8ˢ +"6 - 8ˢ ,1 - 6 8ˢ 40, 06+ - ˢ 90 0*4 ˢ   5.   "ˢ 06ˢ 6."ˢ *ˢ E."" . ˢ   6 .*6+ ˢ +6ˢ *40
6 +8ˢ *ˢ   0"9 + - ˢ 0 :1 , . ˢ 3+0.*6 ˢ   4402.6ˢ 01   - ˢ 06ˢ 3+. ˢ * 0 1ˢ   + 6   1 ˢ ." .8ˢ 24"N
*0,0   .   1ˢ 90 0*4 ˢ , .+ .8ˢ   ,1 : 04+8ˢ ˢ 3+14 ˢ *   ˢ   + 6   +8ˢ . ˢ $7 " 551ˢ 50,+* . ˢ 06ˢ - " 60
.4ˢ   4ˢ <+ : . 06+   ˢ 0/ˢ 40 50   .6 1*0ˢ ." 1ˢ *0, ˢ 15   .61ˢ   050*60ˢ 4   ,0   + +8ˢ 0   06 ˢ ,+ ˢ 50
,+"1ˢ +6ˢ 5   .0 : 0 60 06ˢ   090 - ˢ 40 -   "0ˢ 22 0,   .2 .6ˢ   .8ˢ " 60 .8ˢ   1 : .* ˢ :   ˢ   4ˢ   5
+6   + 3+0ˢ - .*+ˢ 0   56.8 ˢ .*60ˢ 0   9*.6 .8ˢ   . : .   +8ˢ ,1   0 6 - ˢ .4ˢ   .+   170* 0 - ˢ ,+<+8ˢ
, .+ . - ˢ ,+ 5ˢ   +. ˢ ,1*<+* 6 . - ˢ 0/   6 - .2 .6   - 66 6ˢ 3+ ˢ - 1/ˢ 0 . 40 - ˢ .4ˢ   4 *08ˢ 50   0
0*4.8ˢ ,+   . : 6ˢ ˢ   - 1*+ 63+0 ˢ +6ˢ   8ˢ 5   .0"04 8ˢ ,1*   " + - ˢ   02+8ˢ   +8ˢ +6 "0ˢ , .50 0*6ˢ   1
40 - ˢ 60 - 51 0ˢ   + 6   +8ˢ 71*1   , . - ˢ .4ˢ   .2 .   0 - ˢ 06ˢ   - 50   ˢ   0560 - :   1(ˢ . , ˢ ,060 18
5   *, 50(ˢ "09.6 1*0 - ˢ 40,0 * 6ˢ 06ˢ 40ˢ   .+   170   ˢ 06ˢ   1040 .6 8ˢ ,+ - ˢ 5 1ˢ   4 * 2+8?
3+0 0ˢ. - ˢ .5+4ˢ 018ˢ * 6 6+ 6ˢ 20"" ˢ 90 0*4 ˢ   0"9 1ˢ 0/ˢ 0 . ˢ 1, , .   1*0ˢ <. - ˢ 6+6*ˢ +*4. - 0*6. ˢ ˢ
<. , 0*8ˢ   "+8ˢ 06ˢ : ,0,1 - 08ˢ E .*40*   8ˢ   * .9+   ,1ˢ ,1 -   6 .6+ˢ .4ˢ   *9" .0ˢ   09 * . - ˢ 3+ ˢ
40ˢ   .+   5*0*   ˢ   .6 . : 8ˢ 06ˢ =0" .*4 8 ˢ 3+14ˢ X   . ,0 - ˢ *1*ˢ 0 : .   0*6 ˢ 09*3+0 0 06+   ˢ   " .M
:0 5ˢ 3+ .0ˢ   0   06ˢ   4 *08ˢ "". + *ˢ 565 : *4 .*+* *ˢ E .6"). - ˢ "09.6 6   ˢ   0, 06 . - 40 ˢ
, 0 : "0ˢ +6ˢ   0ˢ   09 8ˢ .+6ˢ   *4 * ˢ 5 .6614* 1ˢ ,1   * -   660 0*6 ˢ .3+13+ .*3+ . - ˢ 0ˢ   0/ˢ 0/ ˢ
,+ .   06ˢ 6 . - 0*ˢ   *4 *+ - ˢ ,+ - ˢ 21* . ˢ 50ˢ "09.608ˢ 4   -   0ˢ . ,   60 ˢ 50 ˢ   +18ˢ 06ˢ   .+   1 ˢ
ˢ *0* 0 - ˢ 06ˢ   4 *0   ˢ *,   05 .6 3+14ˢ 5 . ,   , .6 1* 8ˢ ,4*4 6 1   2+8ˢ *   *ˢ 6 .60*6< * 2   0 ˢ
3+0ˢ   ˢ 50   0 : 0   0*6 ˢ 3+ .*41ˢ 0/ˢ 01ˢ *1*ˢ 5. + - ˢ 5+2   , ˢ ,1 -   - 0   ,+ˢ " 20 6 .8ˢ 406   - 0*60ˢ . , l
, 5 .6ˢ   - 5"1   .6 . ˢ 5   +8ˢ 150 ˢ   1   0 ˢ +6 ˢ 3+ .0ˢ   *ˢ "+ . ˢ 5160 6 .60ˢ   *6 ˢ   0 - 04 . ˢ   41*0. ˢ *ˢ 60 - B
51 0ˢ .47 20 .6ˢ   0 , ˢ   4 *08 ˢ 3+ ˢ : 40 0+6ˢ   + 6   + - ˢ 20"" ˢ , .+ .8ˢ 3+ .0 0 0ˢ   *9" .0ˢ
09 * . - ˢ 12ˢ E ."" , ˢ *1 -   * 8ˢ .0 - +" .6 1*0 - ˢ 7 .*4ˢ   .6 8ˢ   02+8ˢ   + 8ˢ .03+ . - ˢ E0   - .*18ˢ
.47+, ˢ   2 ˢ   + 50418ˢ   *ˢ :   00   2+8ˢ 7 .0 0 0 ˢ *0, ˢ 50,+*   . - ˢ .4ˢ 4   1" : 0*4 . ˢ 6 5   *4 . ˢ   /5ˢ
5060 0 ˢ .*   -   ˢ .*/   ˢ   "+4+ .2 .*6< 06ˢ 3+ 4ˢ .90 0*6ˢ   *ˢ 4+2 1ˢ 0   .*6 ˢ 6 .*40 - ˢ 1 -   8ˢ .4ˢ ˢ
0 - ˢ 50,+*   .   . - ˢ 0/504 0*4. - ˢ ,1* : 0   . ˢ ,19 6 .6 1 ˢ +6ˢ E0   - .*18ˢ 4   -   660 0*6 ˢ G+. - ˢ
*ˢ 0 - ˢ 06ˢ 150   . - ˢ + . - ˢ +R   1ˢ 40 0 02 .6   + 6   +8 ˢ .4402.63+0 ˢ "   .03+ 8ˢ ,1*4 6 1* 2+8ˢ
E0   - .* ˢ . ,3+ 0 00 0*6 ˢ   1   0 ˢ +6ˢ 5 0ˢ :   - 60 - 5, 6 : . - ˢ 0/ˢ   5 1 + - ˢ   4 *+ - ˢ : 1"+*6 .60ˢ
.4"+20 06ˢ   .0, ˢ 6 . ˢ 5 .". - ˢ .902 .*6*   ˢ   04ˢ *ˢ 1, ,+"61ˢ   - 1   .8ˢ *0402 .6 ˢ 06ˢ +6ˢ   40 - ˢ   . ˢ
30 0*6ˢ E0   *< .* 8ˢ ," . - ˢ   + .402 .6ˢ $T 6   0* .1 ˢ ,+ - ˢ   + 5 ,   * 2+8ˢ   +21 6 8ˢ ,1*6 " . ˢ 0/ˢ
:161ˢ   -   *   - 0ˢ 5 1,040< 0ˢ 41"0 06 ˢ 06ˢ 5260*6 1   2+8ˢ   0 - 04   8ˢ .4 : 0   +8ˢ   4 *+ - ˢ :   0 8ˢ
3+16 4 0ˢ   * : ."0 ,0*60 8ˢ 15+8ˢ 0   0ˢ 00   *0 06 ˢ 0/ˢ 50,+*   .0ˢ E0   - .* 8ˢ 0/   1" : 0*4 .0ˢ 50*+   . ˢ
1, , .   1*0 - ˢ + - 5   6ˢ -   660*4 ˢ   *ˢ   5 .*   . - ˢ   ,1 : 04   ˢ   *ˢ   50, 0 - ˢ +6ˢ 40ˢ 6 50*4   8ˢ E0 B
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3+1 +2 $7 " 55+8# 170*"1+8 ,1 - 08 ,+ - .+ 1*0* 8 - " 60 :0* 6 * +". - 06 "1, .
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. 0716.*+8 4+/ 06 .: 0, - . 02 1 0<+8 .60 ., - ., 5 *,058 ,+ - J 1 - 1*6
09+"1 5 .0 04+ . . - + ,0* *<+6 1 0 .2 + 6 1 0/+61 ,". - .2 + 6 ,1 - 6.6+
0 +24+/0 +*6 06 .4 4 *,8 :0*0 +*6 3+18 06 ." 0/ *12 " 6.60 0,+6 +*6 06 -
7 08 ,1 - 5"+ 08 06 . - 0/ 8 3+ +2 . "0 - 1*6 " 8 6 50*4 . 0,0 .*6 3+ 2+8
4 *08 20"" , . - +*0 . 406+"0 +*6 06 01 + - 150 . 2 . - 5 .0 4 1 - .6. - .*60
1 - * . - +* :0 +*6 (+2 4 60 - 5+8 01:. 4 .0 6+ - +"6+.6+ - 0 6 ,+ - .660*08
& 2 - . . , 8 5 .0 04+8 *1:+ - - " 60 - *6 14+,0 0 ,1*. 06+ . - ,+ - 5 .0
4 . : - ., 0 0*6 06 U) 221*0 E16+ - 0* 4+,0 *1: - " 608 0 60 0*6 .4 . - .
5 16 *+8 * + 20 ,1*,". - .6+ 155 4.* 8 :0 6 8 *0 0/ 0. 1, , . 1*0 + 28 4 50 06+6
06 . ,0 12 0" . 6.*40 - 0. * 404 6 1*0 0, 5 +*6 : 1* 6 3+. - + 3 0 .4] & ".*
5 .0 04 .4:0*6+ - 60*+0 - 6
A 5 .*60 1040 .6 4 *08 .4 $7 " 55+ - S." (056 " 60 .8 4040 .*6 3+ 2+8
0+ - 40 06+ * +, ,0 + 51 6 + 6 .4:0*6+ - ,0 6 1 0 - ., 02.*6 0<+ 3+0 ,+"5. 06
. 04.6 8

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& . J0 . .68 5 160".6 1/ 2+8 .4+ - 4R 2. * 6 6 .4 . - . 40 : 0*6 5* 0 "06 < 3+ , + - E0
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*6+0 5 . - * : .40 4. - 1" , 6. : 6 +6 0 / 5 +8)60 8 51 60. *60 ,056 85. - 6< 01
40 - 3+0 60 - 51 0 3+ . # . 9. 6.0 & *414* .0 0 / , 5 0*4 .5 12 : . 1 , 1 0 5 1
4 06 . ,0 - . - + ,0* 0 - * : . 6 06 "+ 5 41* 2+8*1 : 8 0"9 + - *2*4+ - 20*05.
, .6+ - - 5"0 : 6 ,+ - 3+0 0 .4 ,+ 614 . - ,1 51 8 4+5" , .6 0 "0*6 6 5.61 08 5 .0
60/6. ,1*<+ .6 1*0 ,+<+8 ,1* , *+ 3+. - .201 *1 - * .6 - 6 +/0"".8 04 0 !
" 4 6 06 08 0,+8 3+. - 7.20.*6 5 - + * 50 " 60 .8 3+.0 *60 ,056.0 +* 063+. + -
0/0 - 5"+ - .4 5 + - - 66.*6 40 *40 50 ,1 ; 04+ - ." .40 , .+ . * %+ - - .<0 6.6
09 .0 0/51*0*4.8 ,+ . : 6 3+14 6. - 0* ,1 : 041 516 +8 3+. - + 6 1 5 .66 2+.*
$ 1 *40 506+*6 *0 , - * .6 1* 2+8 ,1 : 04 .+ 0 - 5 .020.6 04 516 +8 40 01 6.
3+. - 6+ 2+" ,*61 + - ,1* " 1 + - .+41 0 - 0 6.8 510*.8 + - .6< - .*4063+0 + "/ 1
< 6 <+/6. 5.4 , .6 1*0 - E.*40* 0 - .2 4 * 2+8 *+50 ,1* - .6. - 3+. - 06 09 .
- .<0 6.8 .6. - 7.2+ 6 41" 8 06 , .56 1* 2+8 0<04 8 0 - 5+2" , . - .4 - * 6 06 4 - 8
. 0 .4 1 1 + - 06 5 . : 1 + - ,1* " 1 + - .+41 2+8 0"9. - - 2 41 + - ."+60 -
W6 " 20 6.60 - ,1 - - 0 4.6. - 7.20.6 0 3+ 2+8)60 8 +2 ,19*1 : 6 + 6 +8 08
+.8 5 .060 : 16+ - 06 0/504 .6 1*0 - .4 + - - .8 .*9+ 6 .8 ; 04.4.8 41"0*8 3+ 6.*6+ .
,171 608 0/ J1R0 06 : 0/ ." 1 - - "09 1* 2+8 7.20 06 2 U - + , -0
6+0 0 ,105 6 *0 "" , .2 .+ 170* 8 ,15 8 *0, 15 * .61 155 - 0 06+ ,1*6 *+13+0
5.*18 6.) . , ". - 0 : 2 , .6 06 6. - 0* ,+ - 40"09.6 8 4 *+ - 40*+1 .90 0 * 6 6 6 "
06 4+1 * 5 - 8 , .5 6. 40 51 61) , .0 1 .*.0 0" 9 1* 8 * 6.+ .6 1*0 06 1204 0*6 .
09 402 6. + 90 6 ' 3+ 2+8) 0 12" 9.6 4 ,02.6 * . - 40 ,060 8 2 " 20 . - *60
5 06.6 1*0 - 06 6.6+0*4 5"0* . - 5160 6.60 - 0" 0 $0602.6 * +50 +6 2 <+8 0 "06 *
,18 .* - .4 : 0 60*4 3+ ," 9 1* 1 J0*4 ,+"+ - 5 .020 0*6 < +6 2 (.*6."4091*4.*+8
U%70 1*+8 ." .+ 1*0* 8 06 1040 .61 + - 4 *+ - 40"09.6 6.*3+. - 40 /
06 090 50" - 0 - 0 6 +/0"" 8? , /50""0 0*6+ .+ 1*0* 8 ., 1040 .6 4 *08
5. , , .6 1* .6 8 .4.*6< .+ 1*0* 8 ,1*41*08 ., ,71".8 <+/6. *1 : .<6* (04.*
. "0 - (,71*1 : .0? ." 8 "148 51"" 5. ,0 - 6 .4 6 8 6+ 6. N 5 17 20.6 5 .0 4 8
40 . - 16 8 < .2 ." 8 "1, 8 - + 0*4 8 .2 6 *0.6 <) (0 : 0*20 9.0 ., <"1, 8 ." 8 5 55+9
* . ,+". 40 - 1" .6+ < ll *9. 60"". - ,0 - 60 - 5". ., ,10*12 . 0140 - 6.6+ 3+1 5. , 8
60 - 51 0 0 .*6 0 6 6+.6 ' * . : 0 8 4 , . * 60 14. - . - 4 - 66.6 06 155 4.*18 5 * .
" 20 6.60 +6 * .6 # 1 : + - 51 6+ - <+/6. 5. , , .6 1* 8 1 - +". - 044.6 3+.0 ?
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3+. - 71 60 - 50 03+.*6+ 5 .060 0. 4 *08 . ,0 - *6+0 5 .*. - 09 0 6 6+.*6
06 5 0 5 .0 4 + - 5 1 . 2 6 1 - 51*.6 % 0"1* +8 ." 3+0 , .56 : 4 - 66.*6+
ll7.0, 1 - * . .2"3+0 -1 .? .2 4 * 2+8 5 .0 60*6+" 0 3+14 +. + - 5. 6 + - 6
21* . 40 - 5"06+ + - 4 7.0, 4 *08 0 51*40*6 < 06 3+.*6+ - .4 4+1 5 1 . , .B
5 6. 8 5"0*0 . 0 .6 8 .4+ - 4 ,+ 6 ' ,+<+8 0 60 60 8 .550"".*6 .0 . 8 06 51*6 , 8
1 .61 08 06" 014 ,0* 0 - 05 ,15+ 5 .6. : 1 3+0 .401 5 18 3+ 5 1560 0. 9 . : 60
,1*3+0 .*6+ +. - : 061 40 - ,1*6 . 5.*18 * ,1 - 5. .6 1*0 - .44+, *1*
51 0 *1* .090 - 0 06 0 G+.*41 0* - .+4 6+ - * 5.* . . ,08 ,1*6 . , : 6.608
.04 , .6.8N *2 : .40, 06. ,1*6 . " 20 6.608 . , 5 : "09 . 5 1 .* - . 2 6 1 *0 4 B
+ - ,1 0* + .4. N<+ "4 4 1*0 - .*6 3+. - *1 : . 06 0/6 . 1 4 *0 - .2 0/60 8 *6 1
4+4. .4 - * 6 .6 1* 8 1 - +". .40 - 56. - N .+6 3+.*41 - " . .660*6.6. +*6
5.*08 3+ 0 : "0N .63+ 3+ 0 00 0 06 3+ 06+ 18 0"9.8 4+ - - 141 8 21* . . , - .5. ,0
h 5.6 .03+0 "0908 " 20 6.608 . , 5 : "09 . 6+, " ,0.6 (.*6."40916 : 4.*+ - 06 %70
1*+ - ,+ - 5+2" ,1 "09.6 1* 8 60 6 - 1* 1 * 6.*6+ *1* 51 0 ." : . 5. , , .6 1*0

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% $ V #) " " 1 ! !2 ! / 8 %
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U/50"" <' 3+ ' 6 . - 0* .+6' ' .3+ 2+8' * " ')6.6' 3+ 4 ' 3+14' 1 J0* 1*, - ' 5 .6' . ' &A
, . *6' ,19* 6 5*0' 5 +8' 7.2 6. ' ' <+8' 4 4+ 18' ,060 + - ' 0" 9 17 8' , .+ . ' 3+. *41' ' # '
.47+,'50*4'0.6 ' 06' 4 *+ - ' <+4 , 1' 50 - " .' 66' * 7 "' 40' 0. *+*,'4000 * ' 51 "0' ,060
+*.' *1""0' 4 "" - +". 0 ' 01' 3+0 0".8' "".8' 50 6 *0 0 ' +6' 4 4 .' *60 ' 20*0' 1*,1 408' 0
.*6+ ' <+/6.' ,1:04 ' ,1*" + *K' 3+ ' " 60 8' .4' $7 "KA 5+-' *6+0 5 .' : - ' 4 ' 5
+50 ' 4.6 8' . 02.6 ' " 20 6.6 8' ,1 , 0*6 .0' 54" + - ' 4 ,1 4 .0' 51 - + - ' 1 0 ' 3+1' 4 "0*
< 1*08' 06' 5 . 608' *60 ' 4 *08' 0 / , 60*6+ ' "3+0' *60 ' 0' 4 :+"" 8' *9+" ' . , " +8' , .
.*6+ ' 06' . "60 ' . "60 +8' 150' 155 - .6+ ' *+*0' 40 - - ' 3+. - : 8' . " .' , .+".' 1260*4.
6+ ' ". : .' 4051 6. ' 5.60 0' "<5. *1 + - ' *' 50 * , 0 - ' 0"9 ' ,1*<+ .61 + - ' ,1* " .
%. *40 - ' + 6 +8 ' 3+ ' :0 2 8' * 7 "' 5 1 4' ,0 - 0 06' +6' 4 *08' ,1*6 .' < ' 0/.,0 2.608'
5". , . 06' *1: .8' ,1*4 6 1*08' 5 151* 6' 06' "0' 5 1: *, .' 0/,040 0' 5. .6+ - ' 1 60*4 6'
<*141 ' 4+ - ' ." +8' .' 090' *' 5 +8' "1, + - ' +2" 6+.6+ ' .2' . - 8' +6 *3+0' .2 6 *0.6+
.8' , + - ' 4 *08' - ."0' *60 5606. 0*6+ ' 06' 4' .9 ' 0/ 6 - . 0*6' +6' *60 0.' 0/60 * '
- " 608' 0/' 6." .' 06' E0 - .* .' 0:1, . 0*6+ ' *1: .8' 0."3+0' 4+ 1 08' : , " - ' 5 151*+*6'
) 6' 1 - *0 8' 4 * 2+8' + 50418' - "28 .4.6< + 208' 06' . , ' . - + , ' ? . "1 - 1*6 ?
' . .02+ 9 ' ." . 3+0 ' 8' 3+ 2+8' 5. , , .6 1* 8' "09 2+8' ,1 - - " .0' " - 6' 6 6 6+.66'
+,0 - 2+ 90* 0*.' 60 - ' 5 *, 5.6+ - ' 0" *3+.6' ' , , .63+, ' +6' E0 - .*0' 6161' 0"9 1'
.03+ 8' ,1*4 6 1* 2+8' 0/,04. *6' ' 06' 7.0,' 3+1+ 3+0' ." +8' *' 0<+8' "1, + - ' 5 .0 08' .' 090'
- 66.6+ ' 3+14' ' 05+606' 0"9 1' 0/504 ' +6' , 6 +8' 4 004.6' 3+14' +"6 1' .050' 126+?
LR 6' .4 - * 6 .6 2*0 - ' ,1*, " 1' ".6+8' .' 090' .55 12.60' 6 .4.6' , + 1 - *08' 3+. *6+ - ' '
<.4' 5 1 .' " .' 4+1' , .5 6.' 5.60 0' ,+5 .*6' 19.76 * +50 *0 ,' +"60 +8' 0 56+ 8' 1*0 06 '
06' <. - ' 6. *40 - ' 1 - ". *+6 " ' 0 561 + *' ,1*,0 6.6 1*0 ' 3+14' :0 21' 4 , 6+ ' .40' 0/0B
3+.6+ ' "0' *60 0.' <+ .6.0' + * 1* ' .6 8 . ,0 ,' 40, 0: 0' 06' 155 0" 8' .2' 01' +5506 .8'
0 0' *' 0. *40 - ' 0*60*6 . - ' .4' $7 " 55+ - ' 4. *6' " 60 .8' : ' 4 ' (056' .4' 3+.8' . '
04.6.' - 1 .' *1*' * ' - 0* 0' 02 +. 1' * 03+0*6' 0 51* - ' 0 6' *60 0.' . ,08' . ,'
- +* 6 1*08' +2 3+0' 4 +02. *6+ ' *6+0 5 .0' . /' .$ + 1' 3+ ' 0. *' % 0"1* 1' 0 '
5+0 .6' *' - . *+8' 4: + - ' ,2* 9*.66 ' :' S." ' (056' .1/3+0' + - - 1' 1 - * + - ' ,1*, + +'
5 15+9*. , +".' 4+1' *' + 20 - ' 5 1<04.' 4 ++*6+ ' 06' 1" .' - 5"06.' . ,' ,1 - 5". *.6.' . 0.'
- +* 6 1*08' . , 8' , + - ' - + 1' + 2 8' ,1*6 *+. *6+ ' 40 - ' S. ' (056' ' E. *4. : ' 06' 40 * '
, /0 - 5"1' 9 . ". *60 D' % .<04 ' .4' 1 . * ' * +".0' . ,' &."0*,0* 8' .4 6.6+ - ' 0 6' 6. *6+ .'
0 : .6.0' ' %1 - . , ' *M 0 : 8' 06' . - 0 .4' . ,08' ' " . ' 3+14' 5 .0 04 ' 7.2 6.6 1*0' *?
0 & 06< 7.0, ' 3+14' - 50 ." 8' + 28' 06' " *. 6 2+8' 0"9 ' 40 0*40*4 8' 40 6 *.6.' 0"%06' <
3+. - ' E. 1"+8')' E.+ +8' *4+8' " A R 1' .4:0 .0' 5. 6' .44 41' .40 - 56. - ' 4 * 2+8' 0 '
; .: 6' (0,+*4+ - ' 7.0,' 014 ,0* 8' 05 015+8' 06' h ""0" - +8' " :0* 6+ - ' 4+/' 50 ' 40"0B
9.608' : . - ' ,1 - 51*0*4. + - ' 06+ *' 60*6 - 6' 04' 61' +0,0""+< , + - ' 4 *08' .*60'
1 - * .' + 2 + - ' 06' . , + - ' .2' + 1' 1, ,+5.6. +*.' 0 6 6+6 1*0 - ' + 90 0*6' 06' 8' , .5 6.'
" .' 4+1' %0 - 50 ' 09, 0 06' %. *40 - ' 50 ' <1. **0 - *4. *+ - ' .* E0 6 +4 8' 5 .0'
+"0 - ' ' . - 5. * . , + - ' 06' 01* *+ - ' <+ ,1* +"6+ - ' . 4 1*0* 8' 0:1, .6+ ' +6' 0/'
0<+8' 0*60*6 .' *' ,1 - - +*0' ,1*"+"0 06+ ' G+1' ,19* 61' + 6 +8' 5 4 ' S. " ' 4 . ,0 2 8'
:0 2 8' 0/51 6+".6' 3+14' 0<04 8' 5.48' ,1* 6" 8' 1 - * .' 71 6 " .' ,1*6 .' - .<0 6.60 - ' 09 . - '
<*1" . *6+ ' 40 6 +4 8' 5. - ' . , 2+8' 06' 0:1, .65' .+ 1*0* ' 7. + - ' - 2. + - ' .+41 0'
5 1 *40 ' 3+. *41' * 7 "' .*.' ,1* " .' .5+4' .* - 18' 0 - 0"' ." 8' 50 +. 1* 2+8' 5 .01, , + '
5.618' : . "0. *6 ' 0' . - + ,1' 4 ",040 0' 06' *40' +,0 - 2+ 9+ - ' 5060 0' 40, 0: "0' ' 2 3+0'
09 8 ' 3+0 *' 4,' 0' 1 - * ' ,0 6 1 0 - ' 0, 6' - . *4.6.' 1550 ' 6.' . ,0' . - + ,0* ' 15B
6 - 0' - +* 6. ' + 6 +8' + ,0 - 2+ 9+ - ' 06 1' .2 6

' 1 / ' - +8.2' 4 * 2+8' . - + , + - :0 +80/0 , 6+8' ' 40"04 3+0' 4+,08' $7 " 5 '
5+8' . ". * +8' ,1 - 08504 6+ - ' Y; ,0,1 - ,8E. *40*" 8' 03+ 6+ - ' VE1*9*0+8, . 6 1 + .'
' ' ' &."0*6 *+8

% $? / 3" ! ' , 3! / $ % 1)2)$ D 9 ! $ 7 /#
3 #2' ! ! !)$ E2. " 2' "/ $ #' ' 9 2' !' ! / $ 2' ' *)$ 2 ' ! !2
' ' G' 9 # ' ' ' ' / " ! ' ' ' ! ! ' 2' 3 ;# ! ' ' (! !# #
2' 0 # ' ' 1 1 ' / "# ' 59 ! ' ' 9 ! !)2 " / ' " ' 5

; " &.R*6"*+8 $. 40+8 16. 0 61 - 0*6." .0 5 .0 04 < 3+ .4 &.+ . - .2.*6 .

))(* 6 1 ,. 6 . 51 +0 +*6 * 6.*60 06 .40*60 .+ 1*0* +6 4 *08 E0 - .*1 + -
03+ 6+ - , . ,1* , 20 0*6 3+ 2+8 06 .,+"6.60 40"047 8 / ! + 6 1
.40* 6. 5 + - *0 - 1 ., . - + ,1 06 +,0 - 2+ 910/50" 0 0 :6 7 "1 - * 8 ,1 6
+"6 8 : + * 5 55 *3+ 1 . 60*6. 0 06 5 +8 ,+*4.8 .2.*6 .0 + 208 5 .060 0.
. - 518 + 0 - +*4. - .,: , *. 155 4. 2 ,1*, " .60 *60 0. 40"09.6 .4 .+
1 0* 0 - - " 4 *+ - *1 - *0 0+ - 1 .*6 12 0, .*63+0 +6 3+.*41 5+2" , .,
3+ 06 8 71 608 4 +*+ - * "0 - 1* 2+8 + + 50*6 7+0 .+ 1*0* 8 60*40 0 ,1* " .
+6 0"9.0 5 *, 50 - - +60*6 06 - .<1 + - 0" 9 1*0 - .21"0. *6 5 0 .41 06 150 0 01
+ - ,."+ - * .8 ,1* +606 ,+*4 3+0 " 3+ 41 50 5 + - 5.60.6 1"".*4 .0 06 =0".*4 .0
4 *08 * 7 " ." +4 3+. - 01 + - 3+.0 5., ,.6 1*0 E.*40* 5 1 - ". +*6 12 0
:.6 1*0 - - 04 6. 06 70+6 * "1, 8 2 *+50 6 .4 6 8 .*6 3+.* 0" 9 1*0 . .4 . "6
<6. * .")8 7. + - 5 1: *, . + - 155 4 8 0.*40 - 9 .6 . - 5060*6 2+8 ., .6 < 0 561 60 -
41*0. 1 - . +279*.61 ,.;0.6 *03+0 "0 *03+0 1040 .618 4 *08 0" 9 1*0 . - .?
<1 +*. 555+9*. 0 .+6 ." +8 + + - * ,060 8 49 5 1: *, 8 *6 14+, 50 - %+ 18
<+/6. E.*40* 8 5.48 "0908 * +50 .2 01 506+*6 +6 ,+ - U (":.0 4+, 8 06 04.0
3+.0 , : 6.608 ../ - - 1 - 0*6 +*6 5 .0 4 . 8 .+6 . . 8 .+6 5.4 1*0 6 .* 9.6 06
3+ 40 - E0 - .* ,+ - 5 1 .90 0 0,+ 0*6 4 1*0 8 . - 5.* .,1 40 - .*406 < " * :
15+8 " 6 170*"1+8 0 - * 0 "+ 0 5 .6 4 0. .+ 170* 8 0 561 451*4 6 506
6 1*08 0.8 7+<+ - 14 0 0 40 3+ 2+8 * 7 " 5 0 6.6+0 051 " 6 < 06 ,+ - 1 - *08 E.*
40* 8 5., 8 "0908 .4 - 5"06.8 ;0" 6 0.03+0 +* ;0 18 1"".*4 .0 06 =0".*4 .0 4 *08
0 5 , .*6 40 8 04+"1 0 E1+4.0 ,+ - 8 .4+ + - 3+14 :0 1 .+41 6.60 ,1* 9*.6.
,.;0 51 6+"0*6 *03+0 0 *03+0 4 *08 1040 .618 +*3+. - 5. + 18 +6 0" 9 1 .
671" ,. 1 - .*. 155+9*06+ ." .:, * ."78 0"9 5 1; *, 8 0, 5 .6+ 0 6. - +1
3+. - 4 *; - *1 - *0 5 1 - 660 0 <+/6. 5., ,.6 1*0 - E.*40* 0 - *+*3+. -
5. + 18 +6 ." 3+ 4 ,1*6 . 5+2" ,. - 3+ 060 - 50, .6 - .+60 - ,1*6 . .671" ,.*
1 - .*. - 0" 9 1*0 - 0<+ :0 " 20 6.60 - **1;06+ .+6 .6 8 *60 018 + - - . 20
*0;1"0*6 .0 +6 *3+0H* ,.6 1*0 .4 8 .+ 1*0* 8 3+. - 5 - + - 50 *091 . 6
,0 06 +/0"".8 0 ;0*6+ + . 51) ,06+ 1/ ,1*<+*4 8 ,15 8 170*"1+8 ,1 - 08 06
(. - 5.* .,+8 (":. * 4+, 8 5 .. . - .2.*6 .0 + 20 - 0/ .+ 1*0* 8 :1"+*
6.6060*4+*6 3+.0 .2 20 607 ,1 - 6 8 - " 6 2+8 60*02.6+ < 3+ 6.6 - / S." 4
,0 6 8 "09 2+8 404 6 1*0 - 0,0 0 G+1 .41 ,+ - 04. - 4+/ 0*6 6 50*4 . E0
- .* 3+ J 1*820 9 1 - 0 02.*6 4 ".6 6 50*4 *: 4 . - 6, 0* - 4 *08 <.4.2.*6
* 6 2+*08 +18 0< , 0*608 12 4 04 6 1*0 0/1 6. J 1*820 9 + - 06 2S * 0,+ - ,1 - N
5 070* 18 06 ,.60* 8 * 1 1 616. *140 ."" 9.618 406 *+0 +*6 +6 + - - 1 <+ 0 ,+ - c
.90 06+ 5060*608 6.*40 - 3+0 40 6 50*4 .6 8 .4 1 05.4 + 20 - J 1*820 9 + - .,
,060 18 4+,08 *6+0 5 .*.04 056 1* 8 ,1 - 5" ,08 * 4 *+ - - .*+8 ; *418 6 .4
40 +*6 +6 40 8 5 1 , - * 8 9 .: 6.60 6.6+0 0*6 3+ 6. - 0* 1 - *08 51 60. : *,+" 8
@"+6 06 4 *+ - 40, 061 4 - " +*6 $1 60. .+ 1*0* 8 04. - 5.6 - 1* ."0 -
+ 20 - ,+ - . "16. 1 21* . +/1 0 ;0* 6 < 06 *40 *6+0 5 . - 0/ 4 *+ - 1040
.61 + - ,1* 0* + 60*4 6 + - - .3+0 616 +8 , : 6.6 8 ".06 6 . 0/, 5 6+ 2 .4 0+ -
- " .2 4 * 2+8 40"09.6 ?& ""0 +8 06 . 1" +8 .22.608 2J 0 * +8 06 .5 0 +8
03+ 608 .4:0*6+ - 0 .+ 6+ - 9 .6+".6+ 0+ - 3+0 +/0"".8 404+4+ 0, 4 +
,+*4.6+8)0 50 .";0+ - * .* 8 + - 56 2+8 50 1 + - *6+0 5 .* 8 . - .6 8 .2 +*.
5.0 5. 60 +/0""0* 2+8 12; . - .2 ."60 . 5 140+*6 2+8 +/0"".8 - .9*. ")
,6 ,1 - 6.6+ :0* 6 / S." 4 +*40 51 6 ." 3+16 4 0 + - 40 05+2" ,. ,1* +"6.6 1*0 -
*6+0 5 . - 04 6 +2 - .9*1 , : + - ,1* 0* + *60 3+18 3+. - 5"+ - $ 160 6.* + -
? 414 *.0

3 A % $: 4 *0 4 6 ! $ # 0 N : -$$ % && . ` , $ $ $ $ > $ V

ˁ ˁ ˁ #ˁ .ˁ]

*ˁ ˁ %ˁ# ˁ ˁ (ˁ ˁG ˁ.ˁ5 ˁ3-$! #,ˁ 4 ?!ˁ

!ˁ < ˁ ˁ # ˁ 8 ˁR ˁ* ˁ * ˁ* *$ ˁ(ˁ ˁ ˁ. ˁ=ˁ

G #ˁ ˁ !

ˁ +<:+ ˁ0140-ˁ60-51 0#Uˁ . ,716.*+8ˁ J".*4 .0ˁ9+20 *.61ˁ,1*6 -6+8ˁ
ˁ, "06ˁ,6ˁE.*4.:+-ˁ,+-ˁ5"0 3+0ˁ 0"9 ˁ5 1,0 2+8ˁ:0* 06ˁ *60ˁ018ˁ36 2+8ˁ06ˁ .+ˁ
1*0* 8ˁ.-2 6 1ˁ +"504.ˁ0 .6ˁ 06ˁ 3+ˁ01ˁ 06+ *ˁ516 0*60ˁ*1*ˁ .6 8ˁ .671",.0ˁ 1?ˁ
-.*.0ˁ 0" 9 1*ˁ,1* +"6+-ˁ0/ 6 -.2.*6ˁ,1* +"6.6+-ˁ +6ˁ40ˁ5 .0 40ˁ50ˁ +6 ˁ.2ˁ
"0*6 .-ˁ40" 90*41ˁ3+ˁ 0-5+2),.-ˁ<+/6.ˁ5., ,.6 1*0-ˁE.*40* 0-ˁ.4- * 6 .,6ˁ
,6ˁ 0 .0*.6.ˁ .+ 1*0* 8ˁ.-2 6 1 0ˁ 0" 9 1*0-ˁ-.<1 +-ˁ. 6.-ˁ604.-ˁ6+0 06+ ˁ 8ˁ
5 151 6+8ˁ +6ˁ .667 .8ˁ +6 *8ˁ 141" ˁ .0 . 8ˁ .60 ˁ3+0 *ˁ<.-ˁ.*60ˁ50ˁ1,,+"618ˁ
+, 18ˁ 1" , 6.:0 .*6ˁ- "2ˁ.4ˁ0+-ˁ2ˁ . 60"04 1ˁ,+-ˁ3+1ˁ "0ˁ06ˁ5.+, 8ˁ0/ˁ41-0 6 , 8ˁ
0ˁ- * -0ˁ,+-ˁ .0 . 0ˁ ,+6ˁ51 60.ˁ , 561ˁ.5+4ˁ$7 " 55+-ˁ 0ˁ5+ 9.: 6ˁ,1--+* ˁ
,.6.ˁ *ˁ: .*ˁ 0ˁ404 6ˁ: ˁ 1*ˁ 4 ˁ& 0**.ˁ +6 .0ˁ,".-ˁ*14+ˁ5 1 04+8ˁ06ˁ50 -+ˁ
6.6 8ˁ03+ 8ˁ 1"1* .-ˁ06ˁ *40ˁˁ .-ˁ *ˁ .2 6 .ˁ:0* 6ˁ3+.ˁ 0ˁ*1*ˁ-04 1, 60ˁ .+ˁ
1*0* 8ˁ06ˁ 4 *08ˁ3+ˁ +/0"" 8ˁ0 .*6ˁ,1--16ˁ"+*6ˁ3+14ˁ 5 8ˁ *,1*"+"6 8ˁ .60?ˁ
"04 +8ˁ.4ˁ .667 .-ˁ- +8ˁ06ˁ 5 0ˁ .667 .8ˁ0;1,.6+8ˁ0 06ˁ &0 +-ˁ .+" 1*0* 8ˁ3+.ˁ
0 .65 +40*6 .ˁ 0* +-ˁ *<+ .0ˁ4 "" -+".: 6ˁ06ˁ3+.*3+.-ˁ0. *ˁ, "+ .-ˁ-./ -.ˁ*ˁ
,1*+*14.ˁ -51 6.6+ .-ˁ*03+0ˁ,1*,1 4 .-ˁ *60ˁ4 " 40*60 8ˁ40ˁ 0" 9 1*0ˁ4 +ˁ4+ .[illegible]
6+ .-ˁ5 1: 40 06ˁ6.-0*ˁ,+-ˁ1-*0 8ˁ*1*ˁ51 06ˁ0/ˁ 8ˁ3+ˁ, ,.ˁ . ,716.*+-ˁ0 .* [illegible]
.03+1 08ˁ 02+8ˁ +8ˁ 04+, 6 .".*+-ˁ,3- 60-ˁ06ˁ: ,0,1- 60-ˁE.*40* 0-ˁ3+1 +-ˁ
150ˁ." 1--ˁ,1* ".ˁ06ˁ,1*.6.ˁ 6.ˁ 044 4 6ˁ .-ˁ,+-ˁ""ˁ .667 .-ˁ.4ˁ 0ˁ50 ˁ
6 .70 0ˁ06ˁ %0*0 .-: *4.0ˁ0:1,.6+-ˁ +--.0ˁ 0 +-ˁ5 .0 ,0 0ˁ,1* 6 6+ "%0*6ˁ 6.ˁ+6ˁ
.2 19.6.ˁ1-* ˁ .+" 1*0* ˁ.+41 6.60ˁ +--+-ˁ -50 + 7ˁ50*08ˁ5 1,0 08ˁ0 060ˁ 5 0ˁ
4 * 2+8ˁ.+41 ˁ +6ˁ +6ˁ.4ˁ .667 .-ˁ- 660 0*6ˁ 0+-3+0ˁ50 ˁ.2 0*6 .-ˁ +6 ˁ.4ˁ
,.50 %,*4.*ˁ 0-5+2",.-ˁ *; 6. 0*6ˁ +5 ,1*0ˁ *60 -U ,1: 1ˁ06ˁA1ˁ -2 1ˁ
5.6 , 8ˁE.*40* 2+8ˁ *<04.ˁ3+. ˁ,1* ".ˁ . ,716.*ˁ06ˁ 1, 1 +-ˁ01ˁ60*40 0*6ˁ+6ˁ
4 """4 .ˁ<+/6.ˁ ,2:04ˁ,1* " + *ˁ *60ˁ*12 " 6.60-ˁ06ˁ, : 6.608ˁ 0 0 0*6+ ˁ.63+0ˁ 6.ˁ
9+" ˁ3+ˁ ,1<+*4ˁ*1*ˁ51 %0*6ˁ4 : ˁ ., ") 8ˁ155 -0 0*6+ ˁ G+14ˁ ., "0ˁ50 ˁ
"+.+-ˁ71- * 2+8ˁ*1:. +-ˁ 0 +-ˁ,+5 4 8ˁ06ˁ 3+ˁ -16++-ˁ,.+ .8ˁ3+.0 0*608ˁ: /ˁ
6.*40-ˁ 0, 50 .6.ˁ51 6ˁ616ˁ.**1 +-ˁ 0 : 6+60-ˁ" 20 6.60ˁ3+. ˁ 0 +-56 8ˁ5 6 * 8ˁ.* ˁ
-8ˁ.4ˁ6+ 2.8ˁ +2 61ˁ *," *.6+*6ˁ%6.3+0ˁ,+-ˁ *60ˁ5"020-ˁ0:+"9.6+-ˁ0 06ˁ . ,71ˁ
6.*1ˁ ".9 6.6 1*0ˁ -51 6+7.ˁ .6 9.61ˁ7.8ˁ:1,08ˁ *60-50 " :0ˁ50ˁ .-ˁ0/, 4 0ˁ 1 0ˁ+6ˁ
2 0:ˁ-1"0 6ˁ 6+ -14ˁ5 : "09 1 +-ˁ ".9 6.61 08ˁ6.*3+.-ˁ04 6 1 ˁ *ˁ1 4 *0-ˁ,1ˁ
90 0*6+ ?ˁ.44 6 8ˁ3+ 2+ 4.-ˁ." 8ˁ:0 2 8ˁ3+ 2+8ˁ .+ 1*0* 0-ˁ50 6 *90 0ˁ: 402.6+ ˁ
050*60ˁ *ˁ6 20ˁ.4ˁ. -.ˁ3+. ˁ 9*2ˁ4.61ˁ,1*,".-.6+-ˁ +6ˁ06ˁ*140ˁ *60-50 6.ˁ&S."
1:ˁ . ,716.*+-ˁ3+0 *ˁ6. 66.ˁ9 .6+".6 1*0ˁ5.+,18ˁ.*60ˁ4 [illegible]08ˁ *ˁ " 20ˁ0/,050 .*6
. *90-+-ˁJ .*, ,+-ˁn .": *+-ˁ(+0: 90-+-ˁ2ˁ +, 1* +-ˁ R+-ˁ+-ˁ
-+-ˁ0E.*40* 0-ˁ5 .0 04+-ˁJ".*4 .0ˁ5 .0 40-ˁ05 ,1518ˁ40 6 3+0ˁˁ +90* 0*6ˁ
06ˁ 5 0* 0-ˁ,1-5 0S0*(+*6ˁ .4 3+0ˁ .6 1)0-ˁ5 19 .--.60ˁ:ˁ 4ˁ 1:ˁ5+2",.61ˁ
,4+*6ˁ\3+1ˁ50 , 56+-ˁ0 .6ˁ& .-ˁ5 160 6.6 1*0)ˁ.ˁVˁ .-5.* .,1ˁ.4.-ˁ06ˁ(+0& ˁ
90-ˁ-.*+ˁ, 56.-ˁ,1*6 .ˁ5 .0 04+ .-ˁ 4 *+ *ˁ .2.*6 .0ˁ + .9 8ˁ .+ 1*0* ˁ
40".6.-ˁ06ˁ 4 *+ *ˁ90*0 ."+-ˁ40, 061ˁ,1* -.6.-ˁ+6ˁ .+ 1*0* ˁ1-* 8.4- ˁ
* 6 .6 1ˁ.4 -0 06+ ˁ4 4 1ˁ7.,ˁ. 60ˁ *60ˁJ".*4 .-ˁ06ˁ .2.*6 .-ˁ4 0- *.61ˁ
7 8ˁ.4402.6+ ˁ60*6. 0ˁ 1, 18ˁ5 .0 4 +-ˁE.*4.:+-ˁ *6 1- 660 0ˁ06ˁ, :0 8ˁ12<041?ˁ
50 4+0"" 1* 8ˁ, -*0ˁ9 .: 60ˁ -+"4.618ˁ5 : "09 8ˁ.4ˁ0/6 0-+-ˁ5 :.60ˁ20""+ *ˁ
60-ˁ,1*6 .ˁ .+ 1*0* 0-ˁ40, 0: 0ˁ *ˁ0.-3+0ˁ 0*0ˁ50,+* .-ˁ5+2",.-ˁ *ˁ20""

% ˁ ,1*6 .

. ˁ ˁ ˁ ˁ ˁ ˁ /ˁ ="+ ?G)" 29 >2H ˁ+ˁ <

% $ ˁ ˁ0 ' ˁ/ ˁ ˁ ˁ 5 ˁ ˁ ˁ G'

ˁ- 0 ˁ $ˁ ˁB U ˁ& ˁ ˁ+U 6 ˁ ˁ ˁ (ˁ 060 0*ˁ %.550""0ˁ

6ˁ ˁG. ˁ ˁ ˁ ˁ ˁ, ˁ ? ˁ% $ˁ ˁ7 - $ˁ [? ˁ 0

) ˁ ˁ < ˁ @ˁ

?

& ʿ,1*6 .ʿ 5.*G(ʿ90 0*4 ʿ + - 56+8ʿ,1"R4 . G ʿ N +.,ʿ 06 *0 ʿ - .*4 "0ʿ 4ʿ"; 1" 6 1*0
ʿ ʿ .: ,50* 8ʿ .4+ * ʿʿ3+ ʿ69 5 0ʿ 9 ʿ *<043 6. 509 . "R ʿ *: 4 . -ʿ5 0, 2+8ʿ
.5+4ʿ E.*40* 0 8ʿ50 : , 6ʿ +6ʿ . ,716.*+(ʿ 3+ʿ 2"+8ʿ 5 7 " 5560 .6ʿ 4 - 660 06+ ʿ<
,060 8ʿ5 53+ 2+8 *60 ;0* "Rʿ; !R Q;1"+ 6ʿ@+ ʿ ,+ 654 .ʿ 060*6 ʿ A9 6+ ʿ .667 .8ʿ
3+.*3+. -ʿ.2 56. 1" , 6. 06+ +6, &.+ . -ʿ.4ʿ 0/0 , 6+ -ʿ: *" 06ʿ,+ -ʿ6. - 0*ʿ : L
40 06ʿ + < - + -ʿ 0"9 ʿ - 507+ *ʿ50*08ʿ .+ 5*0* 0 -ʿ0 0ʿ *0,ʿ,5Iʿ.ʿ3; 2+8ʿ 0:5 ʿ
, .6+8ʿ;0*0 .6ʿ50 *40ʿ.+ 6.60ʿ.5+4ʿ, ; 6.608ʿ3+ 258ʿ 0 0ʿ5 - *0ʿ7. 5 -ʿ5 1; *5 . ʿ
+ -ʿ 32+ ʿ,1* 6.6ʿ: ."0 0ʿ 0 5ʿ0 3 0 - R 6ʿ< 3+.53+3 -ʿ 06 1ʿ5040 -ʿ 0 0 06ʿ.4ʿ
. ,716.*+ -ʿ.,ʿ 5, 18ʿ 0ʿ.4 +*90 0ʿ - ."'06ʿ6. - 0*ʿ,+ -ʿ550* 60*6 .0ʿ"1,+8ʿ*5+ʿ0 "06ʿ
6.*40 -ʿ.4ʿ .+ 1*0* 8ʿ06ʿ 4 *+ .ʿ5. 608ʿ6 .*" 0ʿ35.4+8ʿ0 6ʿ< 06ʿ ʿ 4ʿ 1:0 - ʿ
2 0 8ʿ *6+0 5 . -ʿ *9 0 "+8ʿ - .9*.3+0ʿ51 - 5.ʿ.2ʿ .+ 5*0* ʿ06ʿ,+*4 8ʿ 4"* 2+8ʿ
0/,056+8ʿ0 6ʿ %+ -ʿ + +8ʿ . 67 .0ʿ.+41 6.60ʿ3+0 *ʿ *ʿ 0"9 ʿ5 .0 640 -ʿ 4+, . .ʿ
5160 6.60ʿ5 4 *.*6ʿ45 0,ʿ 0/ʿ." 60ʿ0/ʿ90*0 ." + -ʿ$ 4 *+ -ʿ55* 0* +ʿ40,0 *.6ʿ5., ʿ
,.6 5*0 -ʿE.*40* 0 -ʿ .*, +*6ʿ 03+0ʿ *: ,0 -ʿ06ʿ .675" , ʿ06ʿ$ 160 6.*608ʿ.4ʿ - +ʿ
6++ -ʿ5.6 5, * + -ʿ52" 9.*6ʿ 40ʿ4.6.ʿ *0+6 18ʿ5. 18ʿ+6ʿ. 60 8ʿ - 1"0 6 .ʿ. 6ʿ *<+ .ʿ
.6ʿ .+6ʿ" 20 6.608ʿ.,ʿ5.6 .0ʿ5 : "09 .ʿ3"".ʿ0/ʿ5. 60ʿ".20 .40*6+ ʿ 4ʿ.4+ -ʿ +/0"" 8ʿ
: 4 ʿ$0, ʿ06ʿ 0560 -ʿ51 6ʿ4 02+8ʿ *0ʿ5105 60*6 .0ʿ "1,+8ʿ 0" *3+0 06+ ʿ .** 60*60ʿ
.+ 5*0* ʿ 6 6 +8ʿ6.*3+. -ʿ: 4".6.ʿ5.,0ʿ71 6 8ʿ40,". .6+ ʿ0<+ 3+5ʿ 1, ʿ.,ʿ 04. ʿ
61 08ʿ.4ʿ,.+ . -ʿ4 ,0*4. -ʿ *6 .ʿN;ʿ4 08ʿ, 6.*6+ ʿ)ʿ3+ʿ* "",1 - 5. 0.*6ʿ<. -ʿ6+ *ʿ5. 60ʿ
6.*3+. -ʿ5.6 .0ʿ71 608ʿ5 1 , <2+*6+
ʿ ʿ.4 8ʿ"09.6 1*08ʿ.4ʿ .0 . 0 -ʿ06ʿ - 50 ʿ5 *, 5,8ʿ40,0 *+*6+ ʿ
04ʿ. - 5" 6 - .ʿ.4ʿ *9"5 + -ʿ 09 *. -ʿ - 66 6+ ʿ ,+ʿ 120+*4.0ʿ40 6 *.6ʿ - . 57 5ʿ
4ʿ .; 0,+8ʿU ."",716.*ʿ .60ʿ06ʿ 41" 38ʿ ʿ 0R0 R0 +8ʿ "ʿ71*1 ,0ʿ.,,056ʿ,+*.ʿ
L 09 *.ʿ,1*:0* +*6ʿ+6ʿ<+/6.ʿ 104+8ʿ) ,0.6ʿ 0"9 8ʿ,ʿ" 2 . + -ʿ60 " *9. + -ʿ ʿ *40 - ʿ
* 6.60ʿ *9" 8ʿ5 .0 6 6.ʿ 1*4 *ʿ - +6+1ʿ + - 0 0ʿ0.ʿ,5*4 6 1*0ʿ+6ʿ50 +* .ʿ51 6ʿ. -ʿ
*+ -ʿ 0 6 6+.6+ ʿ.4ʿ 43+0ʿ 0"9 ʿ, ; 6.608ʿ3+.8ʿ 09 *.ʿ;0" 6ʿ52" 90*6+ ʿ 09 *.ʿE 47ʿ
* 2+8ʿ ʿ03+ 6 -ʿ06ʿ;ʿ, 5ʿ504 6+ -ʿ +2 4 5ʿ - 66.6ʿ< 3+ 2+8ʿ 6 50*4 + -ʿ 4 *08ʿ51 6ʿ
6 0 8ʿ - 0* 0 8ʿ.ʿ4 0ʿ3+3 ʿ*. :0 -ʿ,1* ,0*40 *6ʿ 5*4 *ʿ*+ - 0 0*6ʿ< * 613+,ʿ20""1 ʿ
4 - "28ʿ + 8ʿ + - 56 2+8ʿ *ʿ *9" .*ʿ 0 - 66.*6ʿ7+<+8ʿ0/0 , 6+8ʿ - 50 .61 ʿ * 4 *+*Nʿ
,1*, " + -ʿ.4 - 66.6+ ʿ< * 7 "3+0 X""1ʿ *,5* +"61 ʿ ;0ʿ.4ʿ20""5 -ʿ :0 .4ʿ5.,0 -ʿ50 67ʿ
*0.6ʿ *ʿ05ʿ.9 606+ ʿ*+""+ -ʿ 104+8ʿ,+ -ʿ5 *, 50ʿ+""1ʿ.+6ʿ4: 6.60ʿ *0.6+ ʿ3+14ʿ*1*ʿ
.ʿ 09 *.ʿ.55 1206+ ʿ0540 - 3+0ʿ"ʿ :1"06ʿ+*.ʿ,5 - 5 070*4.6+ ʿ06ʿ ʿ - . ʿ,". "0 - ʿ
* 6 +0 0ʿ,19.6+ʿ 09 *. ʿ 4 *08ʿ 5 .0 4 . .8ʿʿ*. :0 8ʿ/ ʿ. - 571 . + -ʿ.4ʿ - *+8ʿ
,.5.,08ʿ - " 60ʿ,5 - - 0.6+ʿ0Xʿ 0ʿ1 - *ʿ * 6 +4.8ʿ.+/<" 1ʿ - 66.*6ʿ3+.0ʿ5 .0 ,4ʿ *9" , ʿ
- 50 1ʿ5. 02+*6ʿ06ʿ + - 56 2+8ʿ 09 *.0ʿ - 0 02+*6ʿ *9" ʿ 020""08ʿ.ʿ 09 *.ʿ40,". .6ʿ
*6 .ʿ 0"9 ʿ" - 608ʿ*1*ʿ.4 - 66.*6+ ʿ"ʿ,+ -ʿ 090ʿ40ʿ5.,0ʿ .9.6+ ʿ 3+ 0*6ʿ 4 *08ʿ +,ʿ
7.0,ʿ,.5 6.ʿ.*60ʿ1 - * . ʿ.+6ʿ 5ʿ5. 60ʿ 09 *.0ʿ. 2 6 5ʿ,5* - 0*6+ ʿ 41ʿ 1040 0ʿ3+14ʿ
4ʿ *ʿ - +"61 + -ʿ 05 070* 5*08ʿ *,+ + + -ʿ*03+0ʿ,. 6+ + -ʿ *: 4 .ʿ.5+4ʿ,060 18ʿ
5 *, 508ʿ5 1: 40 06ʿ " ".2067. ʿ3+."ʿ5 .40 , 0*6 2+8ʿ.252603+ 1ʿ515+" 8ʿ50 * , 1 1ʿ
0/0 - 5"1ʿ *ʿ1,,+ 65ʿ .:0 06 ?ʿ.63+0ʿ .401ʿ 020) 5*0 -ʿ *60 ʿ: , *58ʿ 1:0 06ʿ 6.6 - ʿ
%71 - . - ʿh "R0 6+ -ʿ50 504.ʿ5 +40*6 .ʿ: + - ʿ.4ʿ$7 " 55+ -ʿ"09.6ʿ3+ʿ*0,, " 6.60ʿ
0/6 0 - .ʿ .4+ -ʿ0/,+ . 06ʿ 43+0ʿ 2$*1ʿ 09 8ʿ,0 6+ + -ʿ 40 - 5* 6 . 06ʿ *.*ʿ< ".05 +8ʿ
- 5 "+ "0ʿ 09 *. -ʿ06ʿ 5 + -ʿ060<) 8; ,. 18ʿ.63+0ʿ.405 "2.*+ - ʿ+6ʿ 0 - " +8,+ - ʿ
0"9 8ʿ.90 06ʿ*03+0ʿ0/ʿ40 6 0 .6 1*0ʿ75 - * 2+8ʿ 620 8ʿ." 0*.*4ʿ 0ʿ06ʿ.2ʿ1 , 1ʿ4 ,0 ʿ
40*4 ʿ *0,0"" 6.60 -ʿ - 51*0 06ʿ6 3+ 550ʿ " 20 6.6<5 -ʿ 8ʿ: 6Hʿ516 3 0 - ʿ 3+. - ʿ"ʿ *ʿ
0" 3+.ʿ: 6.ʿ:+"91ʿ0/156.*6ʿ*/1 6."08ʿ6+*.ʿ*../ - 0ʿ * 0" 9 5*0ʿ,+ - ʿ" .ʿ*0,ʿ - 50 . ʿ
51 6ʿ06ʿ,1* , 0*6 8ʿ".3+018ʿ *< , ʿ1 - *ʿ 0 : 6+60ʿ 6ʿ, +40" +8ʿ * 7 "1 - *+8ʿ *

ʿ % ʿ ʿ$ ʿ 8 $ ʿ " ʿ ʿ/ʿ # $ _, ʿ$ 2 ʿ1 , 3$ ʿd ʿ ;- / #ʿ 2
#3 /$ \ ! ,)ʿ ʿ ʿ 7 _ 3 $ H ʿ ʿ ʿ $ f F ʿ
% ?ʿ*.:08 ʿ. - 571 . + -ʿ ! "ʿ # " "ʿ ! "ʿ " ! "ʿ*.:08<+" .0ʿ7 .9. ʿ
6+4 * 8ʿ

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*' 0' +0 6' *60 *' 44 0< ## .5+4' . "1*07 0 *' . ,' ,060 18' W 40 - ' 0 * ' .4' 5 &"
' ; *' @ ' ' " ; * ' ' (' #' * * , . ' !
0*6' *, ,' * , .8' 0' 3+14' , - ' 6+ ' 4 . '018' - " 60'06'50,+* .' +: %0' *1*' .4
'? ' ' = ' , ' ")?M ' ' ' $
"0*60*6 .' 0,04060*6' 06' ." . - ' 3+. . 5 .' +.402.6 R1*.5170*4.) '6+ 2. + ' .6 1
' ' * ' ' .' ') * ' ' ' '$* 8
,1* " + - ' , .54 0*6' 0/6,6* '5 *4 5 85.6 1, * 1' ."+60' 01 * .' 3 14' , - ' ""18'<. -
' * ' '8 ' ' *D ' ' * '*
0,+ 6.60 - '5 15 . '5066 *0 4'4/ 6 * . 0' 70'01 + - '37' 0'0/ 40 50 .6 1*0'50 4 6+ -
E ' # # 8) ' ' ('> # * ' 'G # * ' ' ,
' * ' ' ' 'G # ' (' (
- 8' *60 0 .6' *09" 902.*6' ,1 * - 0*4.6. 7' 7.20 06' 06' :0 1 ?0+ - ' *+50 50' : ,0
* ' E ' 'T> ' ' . - > 0 * *
3+. - ' 5 .'5 1,+ . :0 .6' *1""0' 6. 0' .+6'0<+8' E174 6 1*08' *27' 21*.' 40 - 5"0 0' ,+ -
01' *+7, 8' 06' " 60 209 0' 5" 3+0' .,' 4 * 2+8' * '5. 0 0*6' 09 0' *60 7 *.6. - ' 0 0
*# ' ' ' ! * ' ' ' ' $ ' ' # '
- * 6 1 + - '5 1 04.8 '40*+5' ,1.4. - ' J104+8' 5.". - ' *1*' ,". - ' 0*1:."%0' *. - ' *60
,056.8' + 6 '06' 01 + - '3+ '0 ,.' 5 + - ' +*7' " 60 .8 3+ 2+8' 40' ,".*40 6 * 8 5.*1 + -
, - ' . .' (,16 .0' 09 *.' - . ,7 *.6 1* 2+8' .4'5066+ 2.*4. - ' *9" , .*0' 09* '3+ 060 -
6 8' ,1 6.6'< 3+." '01 .*' ,1*"6" + ' 6' *1*' 1 + - ' 0"9 '5 4 *+ - ' 6.6 - ' : 1".6 8' "0?
9 2+8' .,' " 20 6.60' +2".6.' 0:0 60 0' "04' , .40 - ' + *.' *9" . - ' * :1": , 0' 7.*,' * .". -
9 .6 . - ' , + - ' - 0 6 8' J+8' 050*4' : 40.6' *1* 6. - 0*' .2' 1 , 1' 0,040 0' :1"+ 0' :0
+ - '5 1' <+ 0' : , * .0' 06 8+ 6 3+.' +6 + 3+0' 417 - 8' . - , 6 . ' .47+,' 09066' - 1*0 0' +6
.4." 0* .6 16 0 - '515+"1 + - ' .' 09 8 1204 0*6 .'5 .0, . :0*4. - '3+. - ' 7+0' +"3+0' 5 .' 0
' G # ' '# ' * ' * * '" $),
6.608' - - + * 6.608' 06' . 6 3+.'5 : "09 .' ,1* - 06'< 0 - 5+2" , . - ' <+/6.' +"6 - . - '5. ,
* ' '* '> ', ' '* ' 'G # ' '$* '
, 5 2+8' 3) ' , + - ' 0"9 1' 5040 .6 +*6' "+"5041' ." + - 3+05. 4 9* 6.60' *'0<+8' "1, + -
+ , .6' 3+14' ' . , .6' *1*' 4+2 6. 0' 3+ *'6+ 2.6.0' XX01'5 1: *, .0'5. , . '06' .4' 120
4 0*6 . - ' ." 3+. - ' 04+, '51"" *6' 7. - ' +.5 +40*6 .' 06' .03+ 6.60' 7.40 6+8' 0 04+ -
' 'G # ' ' ('* ' * ' ' * '* * ' . 1
5 *, 5 8150' - 5"1 .6.40'5 *, 50' - 6 6.*41' ,19 6. :0 *6' 3+14' ' ,1*6 .'6. *' ."+6. ".
! '* $ T ' ' # ' . ' " . '
*+50' 0*1: .6+ - '06' 0"9 8' 5 .0 61' +6+ . - ' 06' 02+8' + 8' 0.40 - ' 150 .' 5 1"504+ . -
47.0 ,' $7 " 55+8' 3+. - ; 8' .09 0' 4' .' : , *.'5 *, 50' .+4 06' 6. - 0*' 3+14' 5 . - * '
""4 8' 506 6. - ' 0 06' 06' *' *9" .' .4' 08' 0"9 ' ' 2.*4.8' :0" ,1 - 51*0*4.8' 12' 5 1/ '
- 6.60 - ' - .9*.' - 1 - 0*6.' 0 "0' *<+ . - '4 - +". : 6' ' 1 .: 3+0' +6' *'5 151 61'5. , 8'
. 40*4.0' 50 "". 06' *03+0' ." 8' .4' 0' 50 ".6 8' + - 1 2+8' . , "0' .+ 08' 5 .020 06' .+7'
4 9+ - '3+ 43+. - 40'5 *, 50' . - ,1' 2' 50 +.40 06' ? 0:0 1' (0"" + - ' .4' 0.2 '
4 * 2+8' - + - ' 2 0: ' *' 0"9 + * 0 - + + - ' , . - ' - .*4.6 8' 3+ 2+8' 40' 09 09 .' "+. '
0 9.' 0"9.8' 0 5 *, 508' : , *18' :1 +*6.60' ,1* 6. 0 ' ; 0 + - ' 7.0,' .4' . * * + - ' 03+ * '
60 - '50 6 *0*6' ' 6.' " ".2067.'3+. ' . 2 6 .' *60 '4.""18' 5.*18' 06' 0"9 ' 4 * 8'
"0402.6' +6' 5.6 8' ""+4' * 9*0' *.0 6 '+ + 5. 0'516+0 6' + ' " ' 8 '6
, + - ' ""0' 4 ,0 06' E."" . - '06' "5.* . - '0" 0' 3+. '".*,08' *' 6 15.0' " 2 . '06' *9" . -
" *9+". - ' :0' " 2 "50*40 - ' *60 0.' .2' 4 * 2+8' " 66+*6+' *6+0 5 . - ' 0* ,+8'
? :10+8' . 1) ' 06' A1' 2' *4.*+8' .*' ' E0 6 34 8 ' ,10*12 2 + - ' 5 .0 +"08' 4+/?
' . 0716.*+8
& ' 6 (/ ' G '* ' /0' (' ' *60 0.' .2' 4 '
*2+8' ' = ' '4' ' ' ' ' 8
-/ / G/" /4/% /9:' - $' ' ' L $' '5 ' ' ,

& '.' . 0716.*+8< . 1"+8 E.+ +8 J 0" * +8 .4 . ,7 4+,0 - .667 . - ?+6 4 - - . *6
' # 5 .0 0 6+ . - ,0 6 8 ,1*4 6 1* 2+8 40 0 0*6 (,0* - !# 616 5 1: *, 8 6+
2.6 8 *0, .6 8 20*0 *60 0 ,1*:0* 0*6 2+8 +6 *1 , 1 ,176 *0 0*6+ 06 .4 +* 1*,*
04+,0 0*6+ 9+20 - .61 0 + - - 1 15+8 0 0 0. - 3+0 4 9* 6.60 - *+"" - 0" +8 ,1*
:0* 0 54"%0 3+. - .667 .0< 3+0 * ,+ - . 5 1,0 2+8 0"9 - .<1 + - 0" 9 1* .4
4 6 8 0:1,.6+ - : 40 0*6 *1* 5160 .*6 *1* ""2 50 +.40 0 4 *1* 9*. 5 .0". 0
.6 0 06 5 1 $7 " 551 . "+ - 06 " 6 $7 " 55+8 * 7 " 40 01 0 0 :0 6 6. - 0* *0,0
6.60 ,1. 6+ - *0+ - - 1/ 04* 0* + + - < 3+ 550 3+ 5 5 1/ - +8 06 .671" , .0 0"
9 1* 8 + 7 - 0 6+4 1" 8 0"%06 , .+60 - + 6 01*.6. - . / - 0 * *9 06 - +"618
3+ ,+ - 01 +*6 , . 6 . 5 +8 40 0 6+ 18 *03+0 :0 1 " - "0 0 0 " + - .0 . 8 .
6 + - 3+0 5" + 8 *4 9*.6 1*0 - :0 6+ - 3+ 43+. - +"60 +8 " *0 0/5 0 "1 09 8 - .*4.61
60*6.6+ + - 71, 06 . - .41 40 - 09 +1 .55 12.6+ 28 05+4 .6 8 09 8 J .*4.0 06
.2 *4 *1 0@+8 .6 0 12".6 8 ,1*4 6 1* 2+8 " .2067.0 :0 1 ?,+ ,+*4. ,+ - E."" 8
,1*" " . + 504. J*6 0 . 9 .6. - .4+ 18 8 6. ,1* 6 6+6 8 +50 .2.6 +6 5"02 50
, : 6.608 * 7 8 09 1* 2+8 5 .05160*6 ".6 8 0 06 3+.0 .+ 1*0*" +6 5.6 .0 " 206
6.6 8 : *4 , ,+ - 0* /0 .:02.6 6+ * ." 13+ $ 160 6.*6 + - 414 *.0 5"0 3+0 "1, 8 .4
4 4. 0 .6 9 6+ *0< 89 .6 . - .+ 1*0* 8 .667 .0 : , . +8 ,1* 6 6+6+80 6 06 +60
3+0 <+ 0 + .*41 * "0908 ,0 6.8 .4.4+8 35 2+8 * . 4+ - 5160 6.8 .667 .0 ,10 ,02.6+
6. +6 *+4+* 5 5 0"64 8 *1 - 0* ,1*,0"%+ - & 40 06+ - 50 + - 1 - *0 50*08
4 *,8 0 06 G+14 6.*40 - 6 .<4 60 - 51 8 .+" 1*0* 8 * 6 .4.*4 8 71 - *+ - "*
90* 8 : .55 - 0 .9. 06 06 5"02 8 .:1 0 +2* /+8 .4 0 1 - * *1 ,1*6 . / 6 063+1
:1"+ 6 + - - . .* - 40/60 6.60. , 1"0 6 .6 .* 6+" 6 A. - .*60 / S. " 0, 0"
" *9+8 6 2+*+8 ,+ - 504 6+ - " 9* 8 *6 . - 60 14. - + - .2 8 3+ .+" 1*0*"
* + 20 .:02.*6 .0,056+8 +0 .6 *. - ." 13+ , :08 .2 * 6 1 09 8 5. 6 2+8 "0 - 50
.44 4 +0 .*6 5.* 8 *9 0 "+ 0/ 6+ 6 .* 6+3+0 50 , : 6.60 - +. - ,1*,0 "2 06
.+ 1*07 0 - 5 1 1"".*4 .0 56.0 40 .9*1 00 0 0,+".:0 .*6 9 6+ , :08 .4:0*6
0"" *9 ,1* 60 *.6 ,+ - * 01 0 0*6 +6 : 6.*4.0 4 056 1* 8 ,.+". 0 .+" 1*0* 8
5160 6.6 50 - 660 0*6 6. - 0* ,+<+ 4. - + 2.* ,0*6+ 1* 8 . 6+ 0 04+ - 0 6 +6 0"
""*9+8 .4 .040 8 5+2" , .8 +6 :0 - 06 *& 6.6+8 ,+ - 08 , 6 . .*9+ *, - ,1 - 51* 0+
50 06 60 - 0 0 ,0*6+ 4* 44 - *.2+0 6 06 . : 60 - 50 .:0 6 < 3+ 4+ - :0* 6 ,
,+ - :0*6+8 06 6 +, 4.6+8 0 6< 6.6 - 3+0 - "R08 51"" 0/ 9++ - ,0 6. - 0* 4+,0 . - "2
0 +2 6. +9. 155 41 0<0,0 +*6 *60 06 E 10* *9.0 6+ - +"6+.6+ - +0 .6 S. " 1:
06 155 4.* 3+1"4. - 0 ., 1 4 *0 ., , ,+ - 51 6.0 09 1* 8 *12 " 6.60 ,1 - 5 0
70* 18 12 ." 3+.8 ?3+.0 5 8 ,+ - P - 0".*40* 2+8 3+ 2+8 "" .:0 0 , 0402.*6+
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.2 .+ 1*0*" - (.*6."4091*4. +8 06 ("". 3+ * 7 " 6. - 0* .2 0 .0* 5"020 -
506 . 0 516+0 +*6 : /3+0 ,.56 ; "" ,1 +56 8 ,+ 614 2+8 ,+ 614 . 0".5 "+*6 "
.2067. .2 01 60 - 51 0 ,+ - * 7 " 0 .5+4 $7 " 55) - <. - 5 .01, ,+5.61 01*" " 8 ,+ -
51*6 ,0 * 6 8 .* - 5 5 1 00 0 06 14 5 0" 9 1* 8 *1:.8 3+16 4 0 ,1*<+ .6 1*08 ,1*6 .
0 6 + ,0 *0 06 3+.0 0 - 60 - .4:0 "" 8 51*6 , 58 7+0 +"3+0 5 .02+0 .6 06 51""
+" - *.61 + $ & 40, 06+ - 0:0 .8 * *9" . ,5*6 . - .<1 + - 0" 9 1* .44 418
"09 08 516 +8 .4 60 0 - 5 1 - +"9. "0 3+. - .* / " 0 : 402.6+ 0.8 0/6 0 - . *0,0"" 6.60
,1 4. 0*2:.: 6 *1: 8 9+2 *40 *+*, 8 .4 - 1* 6. *+56 .8 . .0 ,+ - A1.**0
+ 6 1 . E+ .2 8 06 . - * 0 1 $7 " 551 + 90 06 5*<+ .6N188 .** . - *"+". -
* 20 * ,1 - . 06 1, , 4+. (,1 .0 5. 60 1, , 5. 0 ,1* 6 6+ "%0 +2 . . - +"618
" 2 . , - .<1 + - 0" 9 1* 40:1618 7.20.6 06 *40 50 + - 2 .0 .*, . 6 .0 ,"" .0

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,6#' 1 67Z."< .0',1 - 6.6+8'+2'5 0 1 3+0,1* , 18' 2'.4<+* 6+ '0 0*6' *' *9"". -' & '
40 ,0*40 0'+6'515+"18'6161' 09*1'.4'40 04 5*0 -' 1" 46. 0*6" 6.3+0',+ -' .671') ' 8'
",' $., .' 66 .'5 :R18'5. 0608' ,1** :0*60' .4' 0.' - .9 6 .6+'06' 09 *.'+6',1*'
,0*6 8' : 8' .47 20 06+ ' - * - 0' .03++ -',0* 0*60' - 5+*0' .*60.',0"02 . 0*6' 0'
50*60'5 6 *.' " .'4 - +".6 1' :0' *4+"90*6 .' - +6.: 6 5 *, 5 1'.' +6720 61'2 . *5'
.,0 4160' . 61'3+ '6+ 2+"0*6 8' ,1* " 8'5. 6 45."%0' ,17: 4+8' .4' '(6057.*' .*+ -'
*' 1 *Z ."" .',.5 60'"+ 6' : /'4'% +9 1*1': 1'*12 " ' 04' 1 6+* 8'0 :0 1'3+',+ -'01'
40902.6' : 6.0'9 .6 .' .4. '3+ '50 506+1',. ,0 '*..*, 5.6+8'0 6

' #' 20 * .'06' 71,' .**1' ,1*1 '06' - 1 '3+ ' . .' 09 *.'. (+ '
0/ 1'21* 8' .: 6 8'12' - ."0 , .' *' 0 .'06' 57." .' 51" .6' +0 .*6',+ -' 0408' *'3+ '
2+8',1* 6 0*6' *1*'7.20 0*6' 8' 140 ,1'<+7 1 0'4+,0' 0 1460' - 5 9 1' 9*.'0/'
6+"0 +*6' 06 .. + -' 155 4+"+ *' *,0*40 +*6' *40'? .,7" * . -' .41 6' .' E01 9 1'
. 0Z' "1, '5 .0 041' 1 6 - 0' ,+ -'4. - *1' 050""+*6+ ' 40 *' .4' .+408',1*:0 6'
0* ,+ -' . *961* + -'06' 1820 + -' 50, 0' ,1""53+ ' *60 ,050 +*6k' 06' . '
51"1'.4'018'" 20 .*418' +50 :0* 0*60 140 ,+8'6+ - +"6+'50'*14, -'0/, 6.6+8 : *4 8'
.4'51 60 -'5 +8' 0506 6 8' :+"*0 2+8' .+4.6 8'60*02 . + -'20*0 41'0:. 6' (04' - 1/'
,+ -' * .* 0*4' - 14+ -' *1*' .,0 06' *" 4 8' +50 1 8'D "0 .0' 09+"1' 6 +4<'
5 0' *' 71 60 -'5 .0, 5 6.: 6',6' .2' 20 * 8' + 8'51 6 0 - 1' - .4.6+8' : , *18' 1 - 4 *0'
,/0 - 6'

& ' U' ' ' ',' '.**1' *' " .2067.0' 4 6 1*0' .4.'' 3+' - 1 60' %71 - .,' (- 67'
5 .06, 0.' +*0 6+8' *9" .0' + 6' 8' 71*0 6 8' 5. 0*6 2+8' *' 0/ .' .6+8' 06' 09 8'
+ - 56 2+8' *' ,71" 8'+6' - 18'0 6'".+4.2 " 8' *' *9" . '*1*' 1"+*' *' 09*1' 04' * 6." .0'
9; - *. 8' 04+, .6+8'414 *.'06' *90* 1"0 6 .' - 0 + 6 U(1 - 0 061'" 2' 4:. 41' : '
08' .4 - * 6 .*60' +6' ."60 '.' 0, " 1' +0 6' 0, 06. +8' 40 *' ,6 N 0' 6.**. .0' 5 .0'
04+8' 40, .*+8' 06 . '' . "1"0* 8' 06',1""09 ' 61*0*" 8'40'3+1'156 - 0' - 0 6+8' 0 .6'
5 .051"66+8' G+ 2+8' 71*1 2+8' .' . .'5 :.6+8' 01 40 -' +2' " .2067.' ,,+50 .: 6''
,6' - +"6 8' "09.6 1* 2+8' 40'3+ 2+8' +1'"1,1'4 / - +8' 40 +*4+8' 0 + -' *' 20 * .'1 '
4 *.*4. + -' 09 *.0' .+41' +0 .6' - 1' *' * +". - '*.6+ ."' "1'3+ ' *' 0.' 0/504 '
6 1*0' 50 6' 6, .8' 06' " 60 .618' - 50* 0' 4 "0/ 6' 06' "09 258' 40' 4 , 5" *.' *' ,71" 8'
. , 0*4.' .2'01'".6 8'5"+ - + -'+6 " 6.6'5+2" ,.0' ,1* +"6+ -' + 6' G+.04. -'06' , 5 6'<
*60 '3+.0' 40' 05+2" ,.' *9"1 + -'15+8' - 50 04+ -'06' 40' 0' *+ - - . .',1 - - 0*6.'
+8' *+ - 0 .*6+ ' + , * - + *0 0 + 04+8%71 - .8 h " 1*+8<3+ '(- 67 a 3+.4 0*'
* + -' 1"+ -' +50 + 6' . +8' 06' *60 :0* 6 /1* .0' .46* .6 1*0' 6 6' ,+ -' : +"0*6.0'
" *9+.0' " 2 . +8' ,1 . -'. 0 1 2+8' " 60 06+ '6. *' *1/ +8' :.51' :0' 0/' 5.041 0' 71'
- * 8' 4 +6+ *1' . ,0 0' - .,0 .6' :0' 0/'"1, ' * 04 1*0' 0 .5 6' +6'. 6.*608' 0 0' 1 - *08'
,6' *' 8' 71*0 6 1 08' : '5"0 3+0' .4' ,,, ' - 6 .' .47 2 6 8' 0 - 04 8' 50 0 *6' *03+0'
- ."+ -'+"60 +8' 50 '155 4+ - '.+6' +2+ 2 ,. . -' 09 1*0 - '9 . ".6+ -'0 6

& ' '1',' 06' .**1' . 6 *+8' J 12 "0 .8' *9"+8' *.: 9.6 1*0 -'.4' 0560*6 1*."0 8'
* +".8' 1,, 40*60 -' :0 +8' + ,05 6' 06' 506 6.' .' 09 *.';0* .' .'3+.'*. :0 -' '. - 571'
. + -'06' 4+.8',1 2 6.8' .,,050 .6' 5 4 0' S."'A+*'W' . Z ,1' 1": 6' 06' :0*61' 0,+*41'
+ +8.4'' ,.4.8' 40".6+8' 0 6' +*40' + - 56.' .3+.' .' : ' 4'A+*' ,1*6 *+1' ,+ '*.'
: 9.: 6' + 3+0' .4' :' 1 6'A+" .8' 3+1' 1 - *'60 - 51 0' *1/' 0 0' ""+ 6 8' + 6' 6.' +6' 3+'
,+ -'01' 0 .*6' "090 0' 06' 0.' 1 - * .' .9, 0' 516+0 *6' 3+.0' *' "+,0' +*6' G+. 61 '51""
4 0' ,+ -' 21 0." 2+8' 6+ 2 * 2+8' 4 +'<.4.6' + 0*6'<+/6.' J 0 ".*4 . -' .55. +0 +*6

? 60 .0

&, ' 1 '+ '' ' ' '6 ')A ' '> ' ' ' 6 '''
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% $ ' :! ' R $' W ' M5 . ' ' U ' 166 '' ' ' /
? '. ' '+ A' '5 ') ' ' 'U" 0') ' [' ! $'' ?5 . ' B ' b' $ 0
AB ' V') & 0', #G U '+ 0 ' ' '+ ' ' 'U ' '' & $' ' 0 '
' 'G D' ' ' ' 6 ' ' 'G ' UB U.'' # $' ') 0
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* " & '60 .0' : 2+8',6'9".40'71-4.0' 0-+-'/: 'S."'(0/6"'5 15 3+. 0 +*6'60 .0'
) ' ', '<.-'.*604' 40*6'" 12 "4+8' 09 *.0' * +".0'*1-0 '<000 .6',1* +*4.0'+6',/ 6 '
-.6" h'0 6' -, ,.0',1*6 *0*6' '1551 66.'0 6'."'.' * 6".' 6.0'+6', 04 61 ',1*'
6 *0*6' 40-'. -,/.'-04 1' 5.6 1'3+. ' 061'50'3+14' *' -. ,' -0 4 1*.",'."'0.'
5. 60'6 . '51 60' 50 .2.6 612 6 0 +8'< 3+143+0' J 12" 70 '5 1560 0.' 06+-'*+*,'
06 .-' *'0. --' 09 1*+-'6.2+"8' *4 906.6+ ' '.2'.03+.61 0'9 .4 2+8' 2',+-'
+--.' 91. 8'. 506 6.60' 4'60-51 8',1* "4.6+8'4.-',1 2 6.' +-56.' 01 6-'.' 0'
"3+.',". 0' * +".8' 4 ,+-0+*41' 1,+*'0/ ,0*"1*' 41*0+-'3+.0 6': .0' -.9*1'
* -0 2'.2 0608' +5 .'- 0' "+6.*60('0'5 1/ -1'"6160'+6', 04 6+-'0 6'61 0*6+-':'
.6 6':0*62 + ' -506+' 6 5 6+8' 0&6".0' & 8'065 , 8'-1 6++8'0',+<+8' 1 6 1',1 *+'
04+ .'.,' *6+8',.:+-' + 902.6' +"*.0' 06' 43+'"1*9 6+4 *0',+ 5 40'5.+"+-'.66 6.'
0+',1* .4.'3+14'51 60.' .4.'0/50 0*6 .'50 *40' .4' :0*0*.' . ,0*4.':."+ 6'.,'+*'
,1- .'*1 6 .'6.*6'.0 6 -.6.'3+.0'5 19*.6.' :+ 91', 04+*6+'0/' 1*60'60 , 6 8'.*'
-."8'3+14'*+ 3+.-',1*"504+-'' * ' 640-'7.20.-+8' +41: ,1' . 674-.0 1*1'
" 0* 6'3+'& 4 0' 0' 0,7.0' *' .2 .' 6 *14'."3+16' 0 ..* -.".' *' 6 *0 . 1'
+1' , 2 6'3+14' 0')."6+ ."8'&0 6 9.61 2+8'.-5"+8'4 ",+6 0*4+-' 0" *3+1'%.*40-'
0/ ,0* 2*0' .4.',+-': /'6).'20*0:1"0*6 .0' 69* ,.6 1*0' *4 90*.0'71- *08' 0 '.,'
66 ,.008'.4'01""136++* '.44+,'516+ 0*6' -+".61'.2 6+' J 12 70 +8'51 6'5 1-1*'
61 +-'."3+.*4 +'".6+ 6''40 *' .'60 91' -5 +40*6 2+8' *,+-2 6' .,'4 +9 0*6 2+('
"" 8' *'5 1 66 18' -2*608' 10- *.-'3+.0' * .*60-' *' !)'90 6.2.6' 4013+0'6. 4 +8'
)9 0760 8' 03+0*60-' *6, , 5 6' L3+.-'06'60,+-' *' *9" .-'.24+/ ' 2'50'16 +-'
.'S."'(0/6"'.4' 'S."'(056'50 :0 6 9.61'"1,1',,'.-571 8'.+ ' -.".,'+6' 02.*6+ '
.47+,'0' 14 * 8' -5+ ' *'*.:0"8' -51"6 8 .4' 04 6+*'"0' 5. .6'06' 'S. ' 8'
"1 4 .-' *' *9" .'.55+"6'-.9*.'9 .6+".6 1*0'.' 09 *.'0/,056+8'<,+'06' 10 6 *.'
".',+-' * .*60' 41*2'4.6.'3+.0' :0'6.04 1' :0'12'-+6.6.-': 4+8' .6 1*0-' 7.*4'
4 *' +50 : / 6' 1- *08' 6 .4+8' "" +8',1 5+"0*6' +*6'.56.'-0-2 5 +-' 6 +0',1- '
5.4 ' + 01',1"1 0'3+."08' . 6,'*1 6 ' 1" 2+8' 50 + 6' 5 1- "2',.5 ""6 1'3+14'.'
1*60' 0"0,.*6' ./1'.,+60'.+6'."1' * 6 + -0*61',+"6 ' * 6. ' 10- *.0',1-.8'
"1*9.8'7.20*6 3+.8'4+12+8*14 8'.*60 +8' *'60-50 .' 0<04 8' 6 2" *9+*6 06'51 6 ,.-'
5. 60-'60 6 1' *141'."" 9.*6' /' 8'3+.04.-' ,<"8' 2'5+6 ,+".-'1 8'40 .4+*6'06'
+",18' *'0.' .408',;.*02' 5+":0 0'12" *+*6' 43+0' .4' 1 *.6+- '06',+"6+-' .,0 0',/'
6 -. 6' . * 2+8', +4 8':0 ,+*6+''3+.8' *60 4+-'0+67' .*9+ *0'0" /.*6' 6 .-'
70 2 8'.4'.4+0*4.-'1 0/ -'+6+*6+ ' 3+.8' +*9+ 2+8'0:0""+*6'06' "16.8' *0'1"01'06'
., 61' : 4 -0'409"+6 +*6' 3+.0'3+.0'*+"".' 0 0'7 8'"1, 8' ,.6+ 6'50*+ .' *1*'
.+*3+.-'06'9".,0-' +9+*6' .*0 8' * 6.'"+51 +-' 12+ 618'7.20*6''3+18'06'.4'<+'
9+-',25+".*6'06' 02+8' *0,0". 8'6 .70*4 8'. "+0 ., +*6' $0"" 2+8' 0 . +-',1*6 .'
7;0- 8 '3+.0' "" 8'"1, 8' 0 0'50 506+.'0 6' 91 0-'609+*6+ '< 3+.8'*0 : 8' 5 . +-' 0 60'
,1* ++*6'06'.4'&0 6 +-'+ -',1*, **. 6'5 "1' 0 :.61'06',1 1'40 ,,.61' 6.'+6' "".0'
72*'126 90 ,.*6' 04' -.*+'6 .4.2 "08',1 51 ',1- -140'.56. '51 " *6' (+2'60*,1 8'
7.2 6.*6'50"" 2+8'2."0*. +-'06'." 8'.4'5"+: .8'. ,0*4.8',1* 6 .6 8'3+.0'1 2+8'5 0 +-'
-. +*'5 1',1"+-* 8' +"4+*6+ ' ,+2+8'06' 5 ,+"8'1 "0'.,+61',1* / 8'.4' :0*.'
6 2*08',0 :1 .-'3+'-.<1 08'.5+4',2('3+.-'7 0' +*6'+ 1 +- '"051 +-'06'"+51 +-'
)6+6 6+ ' J ,.6 1*0'06: 6.-'61"0 D 6'06',;-2.8'7.20*6',1 1',1*60/6.8' *6+8'4+4 8'
9*0 8'4 0+"8'. 02 0' .4.8'3+ 2+8' /;"'71- *08',1- -140' :07'51 +*6' .20*6'
,6'"0-218' * 6.'60/63 8' .4 '51 6.6 "0 8'3+'+* +8'6.*6+ 6'71- * 8',.5.,08' +*6' 8'
0'. - 8'06' "6 + *0 6 8 1*6 .' *<+ .8'6+0*6+ '06'*0,0 . .'.4': 6.-'5. .*6''40',0'
60 1'.2'5-*',+"6+ 06'3+14'-.9 8'405"1 .*4+-'0 6':0 ' 0',19* 6 1*0'."0* ' 6 0-'
'5 1 042' .6 9 4' +1'4 9*.-'5 , 508' 0,0 *6' ',". "0 8'*1*' .4' 4 : 6 .8' *4 .*4.8
3+.0

% N 'D ' , /' !)' ' , ! ' '; " /' !' #/' _)2

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(ˁ714 0ˁ ˁ 0 0ˁ50 ,+"1 . 1 -ˁ06ˁ"1*9 *3+. + -ˁ*.: 9.6 1*+ -ˁ = * ˁ %ˁ 04ˁ &
ˁ% !ˁ 1 * * ,ˁ : G! " ˁ " ˁ 7)ˁ #ˁ 2 ˁ ˁ ˁ #ˁ) ˁ
- "8ˁ .4ˁ71,ˁ6701"19 8ˁ 5 15.9.*4. -ˁ * 6 +0 0*ˁ< "ˁ3+ 4ˁ *40ˁ +6 " 6.6 8ˁ51 60.ˁ0/
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40"0 618' + - - "%06'4+,0' (6.* ".1<1 4.*1'<+;0*0' 6 0*+1 ': , " - '06' 5 0 1)0* 68'
.400 6. - 0*'5 14 6' *40' .4*. 6'7. 6.6 8' 037 0 ' .' (21 1: 1'0'504 6.6+' + - 56 ' ,.*6'
,"1550'6 8' "1*9 1 2+8' 3+ ' ,0 6. - 0*' 0 6 6+0 0*68' 3+ 2+8' - 1/' 0' .4<+*/0 0' =1" '
R 0: +8' 06' 2 ' (. +8' ' (. - 1 0 +8' ,+ - ' 66 8' 3+ 3+0' '+ - 8' 3+ '71" 08' 505+"0 +*6' 14'
0 , ' * 6 1' 09 ' 3+. - ; 8' *+ - 0 1' - 5. 08' .4' - .<1 .' .+40*4.' *,0* ?' ,+ - ' ,15 . -'
+'+"6 1' .4+ ' , 040 0*6+ ' 1""0* 68' 05 - 0*61'0'6 .2 2+8' 3) .8' 0,+ - ' .4:0/0 .6 '
,17 6 +41 '5. 60 - ' +1 + - ' *6 .' :."" + - '01""1, .6' 5 0' ,+ - '616 - 0*6 8' 06' "04 "" - 8'
3+ 2+ 3+0' .2' ."60 1' - 1*6 + - ' ".60 0' 60 ' *60*4 6' 09 18' 0'60 91' .99 0 "+ +8k' 06' .4'
6".,+ - 2 ""2: 0* 0 - '5 19 04 6+ ' +2'<+" +8'5 150 . 0' ,0*6+ 1' .* .: +8' 1""0* '
0 51*4 "%0' 0 6+ ' "0*60' 0 6 *.*4+ - '0 0' 3+ 550' $1"1*18' .4'5+9*. - '3+. - ' .4' +9. -'
5. .6 1 08' : 40 ' $ *45 + - '5+9*.0' .' %0 - 0 + ,1' ,+ - ' ' :0" 6 2+8' .4+ - ' ' 3+ 2+8'
".21 .*6 2+8' +2 4 + - ' 0' ;0 6 9 1' - "+ - ' 0 ,' (21 1: +8' 3+ ' *+ - 0 1' : *,0 06+ '
. 6+' 1""0* 8' 405 070* 1' ,1* " + - '0/' *0,0"" 6.60' ,05 6k' 06' 51*6 ,+"1' .2 +561' *0'
.' 60 91' *:.40 06+ ' 1 - *0' 03+ 6+ - ' 504 6+ - 3+0' 12+ ' +2' 5 + - ' ,.5+6' 71 6 + - '
1 06' :0 6'0 0' 40, 0: 6'P 06' - 1* 61' 0 .: .0' 5 .0 041 ' +6' ' 3+.0' : 8' *9 - 0 06'
."60 .' .4' ." 3+16'71 .8' 21*.' 40' 12 4 1*0 - ' + 6 *0 06' .44 6 3+0' .4' 155 4' + 61'
4 . - ' ' $1"3* 8' .4' \ 0 41*+ - '4+41 08' 01*:0 +8' "+18'<. - '& 6+". - '6 .< , 0*6 2+8'
.+/ " 8' 3+. ' ,0 6.' 50' ,1* - .618' .4' 5+9*. *' 1 6 60 ' ,.50" 0*4. - '71 6.6+ ' 018'
,+ - ' 3+ 2+8' 08' "" 8' 6' 0 "0' '3+18' 5.+, 8' .*60' - 0* 2+8' .4U'E 02 *+ - ' E"1:. - '06'
." 2 '616 08'5 1 " 9. *6'5 1 *40' 01' 06 '06'510* 60*6 .'.,',1*41*.6 8' - +6+1'1 0* 8'
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& 7:.4+*6 *0:0 0<+8 . 504+60 0.*6+ 3+0 * -1/ * 5160 6< 60 7.2 6+ *6 020"
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* ,.8 0:. 0 - *6 - +"6 0/+6 8. - 8 4+ - *.6.6+ 0".2 60*6.*6 "+: 1 7.+ 6 +*6 ,.56
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- . 6 - .0 , : 6.608< 0. 3+0 . E04.*0*" 2+8 ,1 * - 0.6+ 06 - " 60 <+:.*4 8 + - - 1
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E0 - .*1 + - 3+18 50 08 0 7.202.6 5 .0 045 .4 & 6+".0 1 6 + - - "%1 3+ 12 0"" 8
- . 8 + + - .4 - 0 06 06 - +* 6 5*0 - 1 6 - . 6 - 155+9*. 06 (04 0 +56 1*0 .
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- 0* .4 0/6 0 - + - 4. - *1 1 12 0 " 8 , / 6+ 3+ 550 3+ 1""0* 0 - 09 09 + - .401
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- ""0 . 51*41 *6 . 3+ *3+0** + - 0/ 1":.*6 40 <+8<+ .*4+ - 40"09.6 8 . 090
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, 4050*4.*6< 6.6 1*0* 06 .**+. - 50* 1*0 - * +5 0 - 41 - * 60 6 - 1* + -
6.6 8 60 - 51 2+8 40 *,058 1":.*6 4, 8 3+.0" 2 . $1"1* .0 09*1 4020 ,1*6,*
4+*6 409 .:. - * 2+8 60 - 06 51 61 *0916 1 ,19* 6 1 ,1 - 6 8 4 *+ - 0 0 :06+
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7 + * 1 .*60 S." 1: "20 61 J 40 ,1 1 + 66.0 4+, 3+ *+56 . + -
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- 660 0 51 "06< .09 1 5 *45 40 02+8 ,+*4 8 .4 : 4+ - ., ,+"6+ - *0,0 ". 8 5 1
4 9* 6.60 5 +8 5 1"5 ,0 06 ,1*<+9 8 0<+8 3+.*6+ - .4 4160 - 06 41*.6 1*0 - 5 1560
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" 20 8 0<+8 1 + .0 5 *, 5.6+ ,040 0 06 .4 - * 6 .6 1* 8 +.0 .6 1*0 - 0440 , 60
*0 06+ 6." . 71, .**1 50 60 +50 1 8 .** .47+, 9 . .*60 5"0 "3+0 "1, 8 ".21 .: 6<
,60& ,0*6 .0 5 .0, 5+0 ., / .0 3+.0 .2 0. +506 1 0 .**1 0 0 *6.4.0 0 .*6?
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,6 $.+" 51 - 5. 5 *, 5." 05+"6+8 0 6< - 1/3+0 0 - .9*2 ,1* 0*"+ 06 .55".+ + +
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*.4.85. 6.0 40 +8 5 .0, 5+0 40202.6+ <. - 9 .*4 8 *.6+< +2 3+1 + +8 .**1 0/
0+*6, 5.".6 + - 1 6+ 63 *,0*4 1 . 6 3+14 :0*61 ". - - .(*,0*40*60 ,1*,".: .
5 .0, 5+. 5 4+ 8 0/ ,0""0*6 - 1) - . 6 ,+ - 1 *.6. 405. 6+ - 0 6
?! , 06 "1,1 .**16.6+8 * 1"0*8 ., *1:+8 . A +*1 * . ,1 - .** 8 15
5 41 9 1 06 (+ 66.:1 . - * 2+8 , ,+*4.61 06 3+14 E."" ,1 . * 8 0 ",6 :+"91
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' # / ˢ ˢ0 6ˢ+* -ˢ0/ˢ6 2+8" 8ˢ *ˢ3+ 2.8ˢ .*0* 08ˢ5+2" ,0ˢ". :.*6+ ˢ7;51,.+ 6+ -ˢ :0ˢ .,1ˢ
* ,+ -ˢ *9 4 ˢ +*6ˢ.4.413.0ˢ *ˢ,+60 -ˢ ˢ06ˢ,+,+ 2 6 8ˢ.4 - 16 8ˢ .*9+ *0 -ˢ
04+/0 +*6ˢ3+14ˢ 03+0*60 ˢ*60 ˢ018ˢ+ + 5.6+ ˢ6.*. 10 - *.0ˢ3+. -ˢ; ˢ.4ˢ/ / ,ˢ5 1ˢ
6 *+8ˢ0.ˢ,1 056ˢ 6 *6ˢ ."ˢ5 -.ˢ 9*.ˢ61 51 ˢ5 9 6 .ˢ9 .:041ˢ.* -ˢ ˢ
-0 - 2 3 + -ˢ 51*6.*0.ˢ". 6+41ˢ : : 4+8ˢ1 8ˢ ,1"1ˢ *ˢ5."" 4+ -ˢ 6.6 -ˢ - +6.6+8ˢ
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1,+"1 + -ˢ1 20 -ˢ %+ -ˢ.4ˢ,+,+ 2 6+". + -ˢ, ,.6 ,08ˢ +21ˢ * 1R*8ˢ'3+0 *ˢ0/,050 0ˢ
.2",0 "+8ˢ,6ˢ+",0 .ˢ6.21ˢ .* 03+0ˢ "+ 6.*6 .ˢ 04ˢ0.ˢ *ˢ+ *1ˢ06ˢ."60 3ˢ6.*6+ -ˢ,+,+ ˢ
2 6+".,ˢ:, 6 9 8ˢ + - 502 *6ˢ" ,06ˢ - +"61ˢ5"+ 08ˢ.451 6.0ˢ + "0*6ˢ)",0 .ˢ.+60 .ˢ7.0,ˢ
.50 6.ˢ" 3+1 0ˢ5 *9+ ˢ - +,U 0ˢ"0*61ˢ06ˢ"+ 4.ˢ .* 0ˢ - .*.2.*6ˢ 40 *4 ˢ60 .ˢ ,.2 0ˢ
- .,+".0ˢ.6 .0ˢ5"+ - 20ˢ.,ˢ + ,ˢ,1"1*8ˢ2.+4ˢ - +"6+ -ˢ - 506 9 * 2+8ˢ.,ˢ: 6 " 9 * 2+8ˢ.2ˢ
" - "08ˢ 0 - .*02.*6ˢ +90 ,0*60ˢ40 *ˢ - ."1ˢ *ˢ,.5 60ˢ,."" ˢ,1*, 0:0 0ˢ 0*6+ -ˢ06ˢ
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41*0ˢ :0ˢ0/ˢ" .6+ .ˢ506 6.0ˢ1,,+ 02.*6ˢ6+ *ˢ71,ˢ5 - + -ˢ *ˢ*1:1ˢ,1ˢ - 1 21ˢ + - -.ˢ
.4 - .6 1*0ˢ4 9*+ -ˢ: 402.6+ ˢ3+14ˢ" ,06ˢ *4 ,1ˢ - +"6.ˢ - " .ˢ7.20 06ˢ6. - 0*ˢ, 6 .ˢ
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" . 0 -ˢ,1 - - 0*6. + -ˢ, 5 6ˢ,.+ . -ˢ *ˢ:.51 0 -ˢ.2ˢ * 04 8ˢ"+0ˢ:0*0 0.ˢ *ˢ .,1* ,1
,1*,056+* 3+ 40 *40ˢ,1*6.90.4ˢ." 18ˢ"0 5 0 6 ,< ,0 06ˢ,1* 6<"6+8.2ˢ0140 - <1.**08ˢ
.61ˢ .0 . 0+8ˢ. ,7 .6 1(ˢ,1*6 .4 / 6ˢ< 06ˢ:0ˢ ,."50""+ -ˢ * 04+ -ˢ 0+ˢ*.50""1ˢ 0*ˢ
:0 .6 1ˢ."21ˢ3+1ˢ 5.*ˢ:0*.61 08ˢ .9 66.8ˢ * , +*6ˢ+6ˢ." ˢ4</ - +8ˢ:0ˢ5+6 4+ -ˢ
:.51 0 - ˢ3+ˢ50ˢ;+"*+8ˢ +2 6ˢ.63+0ˢ - 9+ *ˢ,1 - - +* ,.6+8ˢ0 6ˢ - ."1ˢ,.+ . -ˢ 40ˢ
4 "0ˢ,0* + .ˢ +.ˢ. "0 + 6ˢ " .ˢ5 14 9 1 .ˢ06ˢ." 8ˢ"1, 8ˢ.55. +0 +*6ˢ 9*08ˢ * 2" 6ˢ
1 - .0ˢ +5 . .4 .* .+ 1"0+ - *ˢ,10"1ˢ: "+ˢ ;5 +8ˢ60 .0ˢ - 16 2+8ˢ71 0*4 8ˢ
3+. ".6.ˢ+ 6ˢ (04ˢ - * + -ˢ - / - 0ˢ3+ˢ+*3+. .ˢ.55. +0 +*6ˢ60 2 " 8ˢ .0 - 1 .6+ˢ
,1 * 0608 3+ˢ5.6 1ˢ6 1ˢ/ / /ˢ. - 5" +8ˢ9 .4+8ˢ"+ 6 .2.6ˢ51 04.ˢ1,440*60 -ˢ:0 +8ˢ,.+4.ˢ
(.9 66. + -ˢ06ˢ .5 ,1 *+ -ˢ:0"+6ˢ,1 - 5"0/+8ˢ*1*ˢ *ˢ +2"+*. ˢ :0ˢ0"0 - 0*6. ˢ 04ˢ
*ˢ.0670 0.ˢ 09 1*0ˢ51 6+8ˢ ,+6ˢ5 .0 6.*6 " - ˢ7+<+8ˢ.06.6 8ˢ. 6 1"19ˢ" 2 8ˢ04 6 8ˢ4 6ˢ
5+6.:, +*6ˢ 1 *0" +8ˢE0 - -.ˢJ +8ˢ ,7.0",ˢ .0 6" *+8ˢE105 *90* 8ˢ 05*. 4+8ˢ
%+ 7" 0 +8<ˢ3+ˢ0+ -ˢ 0ˢ/ :ˢS."ˢ 1:ˢ 0 " *ˢ5 - + -ˢ12 , :. "0ˢ, 2 6ˢ',+ -ˢ." ˢ
0 0ˢ, ,.ˢ :ˢ.)6ˢ ˢ 4ˢ 1:ˢ.55. + "0ˢ 0 0 .*6 ?ˢ 0" .0+8ˢ0 10 " *+8ˢA1.**08ˢ
ˢ$ .0 1 "+8ˢ<1.,7 - ,+8ˢ ,1".+8ˢ8ˢ h *,"0 +8ˢ .0 6" *+8 ˢ *ˢ &0*0 8ˢ1 20ˢ0+ -ˢ
055* 6ˢ 43+0ˢ - +"6 8ˢ .6 1* 2+8ˢ40 - 1* 6 .6ˢ3+.0ˢ0/ 5"2506ˢ51 "" - 6ˢ .9*1 + -ˢ
4ˢ * 1"0*8ˢ57.0*1 - 071*ˢ: 1 + -ˢ - 1 608ˢ51 60*4 "0ˢ, 04 6+ -ˢ0 6ˢ *60 ˢ3+18 ?ˢ
5 .0 0 018ˢ3)18ˢ - 0 - 1 .: - +8ˢE. .8%1"06.*+8ˢ$06 ˢ 0.51" 6.*ˢ5 1 09 8ˢ " +8?ˢ
3 ˢ6 0 - + -ˢ* 6 1ˢ5 .0 04+8 51 6 0" 60* 0 - 12 4 1*0 - 0.51"ˢ*ˢ + 8ˢ.04 2+8ˢ
<ˢ 4+ˢ .669+ * 8ˢ.*60ˢ3+ *3+0** + -ˢ60*6.6+8ˢ5 4ˢ 1*ˢA+*ˢ40,0 " 6ˢ - .9*.ˢ51 - 5.ˢ
6 - 0 .6+8ˢ G+0 *ˢ0140 -ˢ - 0* ,ˢ3+. 61ˢ51 6ˢ4 0ˢ . .ˢ ˢ + 6.*.ˢ 4:. 4ˢ ".ˢ,6ˢ
- - .*+0" 8ˢ*056 8ˢ "0/.*46ˢJ. *0 ˢ+/1 ˢ 0,+6.ˢ0 6ˢ< 3+.0ˢ$. - .0ˢ+"6 - + -ˢ4 0 -ˢ
1".+ ˢ (04ˢ*1*ˢ *9+"1 + -ˢ71 - *+ -ˢ - 1 608ˢ6.*6+ - ˢ3+.0ˢ3+16 4 0ˢ0:0* +*6ˢ 04ˢ
516 +8ˢ+* :0 1 + -ˢ 09 1 + -ˢ.,ˢ . - " . - -ˢ 09 . + -ˢ0/, 4 .ˢ06ˢ ,1*:0 1*08ˢ,1ˢ
-06.8ˢ 6 + - 14ˢ 06+ *ˢ5 +40*6 1 08ˢ0 - 50 ˢ51 60*40 0ˢ0/ 6 - .:0 ˢ+*6ˢ'+6ˢ4,ˢ + 6.*1ˢ
.,, 4 6ˢ0/ˢ ,,. 1*0ˢ20"" ˢ 8.* ˢ,+<+8ˢ,.+ .8ˢ4+ 61ˢ."6 +8ˢ5 *, 5 1ˢ 05060 - +8

ˢ & ˢ6 =

Å ˢIˢ !)ˢ ˢ 5ˢ ˢ$ - ! $)ˢ !ˢ ˢ9 ! !$ ˢ) ˢ
ˢ0 !ˢ +ˢ; #)ˢ ˢ / " $ ˢ5 94ˢ ˢ #$ 4 # #/& $ 2 ˢ; # $$

ˁ ˁ ˁ ˁ .ˁ]

ˁ * ˁ3+ˁ,+-ˁ .-,6Ờ .6 0ˁ -5, 1P 0 -0* +-ˁ /'?? .+ 6.*.ˁ $ &

% *9 6.*.ˁ0:0 "2ˁ5 -+8ˁ 09*+-ˁ *ˁ .- ".ˁ 70 1 +-ˁ +*4.: 6ˁ*6ˁ +5 .ˁ5"+ 2+8ˁ) ˁ

0/5",.: -+8ˁ,+-ˁ?6 0 8ˁ "18ˁ 0"3+ 06ˁ_ 24.".- 0",+-ˁ +-0*0-ˁ .-0

60-ˁ 24.".0ˁ6.*3+.-ˁ9 .*4 1 ˁ*.6+ˁ +,,0 1*,-ˁ40 0 ˁ:1"+ 6ˁ 06ˁ51 6ˁ,<+8ˁ -1 N

60-ˁ. 8ˁ1 4 *0ˁ.06.6 8ˁ .6 2+8ˁ0/,"+ 8ˁ 24.".0ˁ) 8ˁ (04ˁ,+-ˁ 24.".ˁp51 6ˁ +

-0*0-ˁ .6 0-ˁ,% 0* 0,06 ˁ *60 0 6+- ˁ5 1: *, .8ˁ *60ˁ "18ˁ4 : "06ˁ 50ˁ ,?

,0 "1* 8ˁ .6 2+8 + 85 .0, . .7.-06089 .*4 1 *.6+ˁ 90ˁ;+"91ˁ4 6+8ˁ3+14

,/ˁ ,67 15,ˁ 10- *.ˁ*.6+8ˁ0 "06ˁ 5 0*60ˁ.**1ˁ7+<+8ˁ .0,+"ˁ // ;ˁ : : 8ˁ0/0-561

-50 +-ˁ *:. 6ˁ0/,"+ 8ˁ ˁ5.6 + 8< 06ˁ."60 +-ˁ0ˁ .6 2+8ˁ + 6+)6ˁ."60 +-ˁ +2ˁ,+ 61

4 . ˁ- 6ˁ 68ˁ 24.". 0",+8ˁ3+. ˁ 0ˁ 0 :+-ˁ4,.8ˁ *<+ .ˁ0/. 5, .6+8ˁ,+-

: 40 06ˁ .7.-060-ˁ5. 61ˁ50ˁ ,0"+8ˁ 09*1ˁ50ˁ ,0"0 .ˁ51 1ˁ9 . ". ˁ*+""13+0ˁ*1*

, +40" 6.6 8ˁ90*0 0ˁ .0: 0*60-ˁ14 +-ˁ" 4 +-ˁ *ˁ4 08ˁ,1*6 .ˁ 0ˁ5 1:1,. 0ˁ1,,. 1*8

+60*4+-ˁ .6+8ˁ,+-ˁ< 6+ 6 .ˁ$7 " 55ˁ150-ˁ 760 :0*6+ˁ Ư 140 ,ˁ " .* ˁ$ -0*60)

&."06 6 .05 1 09 (< -5"1 ."%06ˁ .4ˁ$1 6.-ˁ%+ 4,.-ˁ,1* +9 68ˁ06ˁ,+-ˁ(0" -1ˁ5

-+-ˁ5+9*.ˁ ˁ 1 *67 .,.ˁ06ˁ *ˁ)ˁ .:. *ˁ12 4 1*0ˁ09 09 .-ˁ150 .-ˁ*.:. 06ˁ51 6

0<+8ˁ-1 60-ˁ.2ˁ -+ .670ˁ " 1ˁ4 5"1-.ˁ -506 .6 ˁ3+1ˁ6 .-.4.*1 "90 .0ˁ5 1 +"

6.*1ˁ90*60ˁ(. 41ˁ -. 4.2.6+ ˁ+6ˁ 0",1ˁ,1*6 .ˁ .7.-060-ˁ20""+-ˁ90 6+ 1ˁ,+-

+ 8ˁ15 2+8ˁ5 .0 61ˁ0 "06ˁ *40ˁ *ˁ? ,.-ˁ 0:0 8ˁ515+" 8ˁ.4ˁ) 20 6.60-ˁ,1*6 .ˁ6;

.**+-ˁ:1,.6 8ˁ0/0 46+-ˁ,1* , 2 6ˁ 0: 2+8ˁ * 6 1ˁ 0 0ˁ5 10" 8ˁ *60 ˁ018ˁ,0 6.6+-

ˁ0/ˁ .+ 1 -ˁ+ +ˁ3+ˁ03+ 6.6+ˁ:."0*6ˁ06ˁ *0ˁ1 4 *0ˁ*++,ˁ0/,-61*41ˁ*+*,ˁ 0,0N

40*41ˁ5*9*.*6ˁ (0-4ˁ.63+0ˁ 60 +-ˁ12 6 *.6 8ˁ.* - 8ˁ,1* " /0 0ˁ ,+-ˁ4+1400 08ˁ

.*60ˁ * 9 61ˁ 0:0*6+ˁ:0" 6.*41ˁ5+9*. "0*6ˁ %.*40- ˁV,+-ˁ/ : ˁS."ˁ 5 ˁ.4ˁ ..*+8ˁ

:,* "0*6ˁ 0",+8ˁ06ˁ50 6 .ˁ 0ˁ- " 6. 8067+-.* 6.605 .051 "0*8ˁ.47.0,%+ , ˁ

+-ˁ: 2+8ˁ +2* /+8ˁ .7.-060-ˁ" ,06- -0 1ˁ 50 1 0-ˁ *ˁ 9.-ˁ:0 6 6 06ˁ *6 .ˁ

. 1,7*-ˁ,1-5+" 6ˁ 5 0ˁ*0ˁ; 8ˁ.1 +8ˁ * 6.*41ˁ: 41 .0ˁ +4+-ˁ,1 +-5, 06ˁ

4 : 8ˁ,15 8ˁ +-ˁ5. 6 ˁ$0 ".-ˁ6074 6ˁ.2ˁ155 4.* 8ˁ .7.-06 8ˁ 50 2 .-ˁ06ˁ 04 ˁ

6 .-ˁ0/1 8ˁ,1*6 *+0ˁ 0,056+8ˁ06ˁ 0/ˁ."+6.6+8ˁ *6, 0.ˁ .7.-0608ˁ 18ˁ7+0ˁ ""+,ˁ5. 18ˁ

01"" 9 6ˁ06ˁ,+-ˁ "ˁ///ˁ, 1ˁ03+ 6+- ˁ/ˁ B 415506. 16+-ˁ 12ˁ 9* 8ˁ7.20 06ˁ,+-ˁ

5.6* 1ˁ + 8ˁ40,0 *0 0ˁ 6.6+ 6ˁ 05+4 .6 8ˁ.ˁ(02. 6 .*1ˁ2 +"R.* .0ˁ 090ˁ12".6 8ˁ.+/ " 8

0, ," ,+8ˁ: 6+6 8 4+, .,0 6.-0*ˁ44 04.: 6ˁ3+.-: 8ˁ6.*6+-ˁ/ ˁ, 1ˁ03+ 6+-

& ˁ ˁ,"15506. 1 +-ˁ50*08ˁ ,ˁ7.20 06ˁ 9 6+ ˁ + +8ˁ616 8ˁ: 2+8ˁ,0 6.6+ .ˁ ˁ

S."ˁG+ *6 "ˁ 60 +-3+0ˁ .7.-0608ˁ.- " 8ˁ: ˁ, 1ˁ0/ˁ + 8?ˁ *6 .ˁ . 1,7+-ˁ,1-50"ˁ

" + ˁ7+0ˁ ""+,ˁ4 ".5 1ˁ03+ 6.6+ˁ3+0 *ˁ .-0608ˁ 0" , ˁ .60ˁ * 0,+6+8ˁ0 6ˁ +-?

:6.0ˁ -0 ,+0*8ˁ .7.-0608ˁ40 ,0 0ˁ1-*0 8ˁ.4ˁ5.6 ++-ˁ: 40 06ˁ . 1,71ˁ 0" 4<1ˁ06ˁ

. 51*.6.ˁ3+.*6.-ˁ516+ 6ˁ9.C.ˁ5 06 1 .ˁ *ˁ-1*608ˁ5 1/ -58ˁ,1* +9 6ˁ 1-.4+-?ˁ

3+0ˁ .2+-ˁ.4ˁ5 .04.8ˁ4 6- 0*6 +-ˁ150ˁ." 3+.*4 +ˁ616.-ˁ 09 1*0-ˁ * 0 6.-ˁ6 ˁ

+ 6ˁ 0" ,+8ˁ . 1,7+-ˁ:.,++-ˁ:0 6ˁ7.*4* *1 0ˁ3+.-ˁJ0 ".0ˁ51 6ˁ90- *.6.*<

: 61 .-ˁ.2ˁ155 4.* 8ˁ".06 6 .ˁ.,ˁ5".+ +ˁ0/1056+8 ˁ 0/ˁ" +6.6+8ˁ .0,ˁ.**1ˁ ˁ

.,0 40 +*6ˁ *40ˁ,+- .4ˁ,10 ,0*4 ˁ .7.-06 8ˁ0/,+ 1*08ˁ 0" ,+8ˁ,15 .8ˁ- "06ˁ

""0ˁ3+ˁ5 15 8ˁ15 2+8ˁ 06+0 * -5" +8*1*ˁ51 "0ˁ,0 *0 06ˁ.4ˁ0/60 *.8ˁ: 0 8ˁ04ˁ0ˁ

+8<6.*40-,2* +90 0ˁ,1. 6+8ˁ0 6ˁ \

ˁ! # ˁ!*.-ˁ40ˁ0.ˁ0<+ 3+05 *, 5+-1 9 *0ˁ.,ˁ +,,0 ""1*0ˁ3+.*41ˁ.4ˁ

+*0 6+-ˁ ")+8ˁ 097ˁ *0-ˁ40;0* -+8ˁ3+.04.-ˁ4 ,0 0ˁ5 06 +-ˁ : 406+ @ˁ 60 6 .-

ˁ ˁ "5.* .0

% % ˁ $ˁ ./ ˁ>W N8ˁ/ .ˁ . ˁ ˁ 0ˁ ' ˁ

N ˁ ˁ" 0$ˁ ˁ ˁ4 ˁ ˁ ˁ5 ˁ 8ˁ! 6 ˁ/ " ˁ' ˁ %

ˁ ˁ4

ˁ ˁ% ˁ ˁ 6 ˁ 4 ?ˁ5.6 + 8ˁ 3+1 +-ˁ+*+-ˁ +-0*0-ˁ% 0-0,0*ˁ

&5 ˁ 244.- ˁ 0",+* ˁ +-0*0*ˁ06 .-0ˁ *60 , 0*4+-ˁ,+ .:6<ˁ06ˁ."60 +-ˁ 4

60-ˁ 4 ˁ ˁ40ˁ%71+ˁ 40ˁ 40+/ˁ *‖0*ˁ.ˁ 0 6ˁ Ư ˁ 24.".ˁ 0",+8ˁ 3+. ˁ 0ˁ 0 ;+-ˁ4, ˁˁ

3+‖+*ˁ . ˁ ˁ ˁ . ˁ 0",+8ˁ."65ˁ5.6-+8ˁ 4 ˁ 3

ď ˁ51 6ˁ +-0*0-ˁ .6 0 .% 0-,,.66 *60 ˁ

0 6+-ˁ 4

& ʹ 5.* .0ʹ5.660 *ʹ ,1* 66+ 6ʹ 7 "3+0ʹ * 2+8ʹ , ,+ - , 2 6+ ʹ .ʹ 0560*6 1*0ʹ + 1
' # ʹ ʹ "+: 1ʹ<. - ʹ *40ʹ.2ʹ 5 +8ʹ1 6 1ʹ.4ʹ 06 -ʹ + 3+0ʹ51*60 - ʹ 3+ ʹ (056 - .*, 8ʹ .4<. ,06ʹ .2ʹ
1, , . +ʹ0.ʹ ,0.* ʹ ? 6". *6 , ʹ5. 60ʹ 3+.0ʹ * .0ʹ 06ʹ + ʹ1 " .ʹ *6 .6ʹ .ʹ - 0 4 0ʹ 2ʹ .0ʹ
6", . ʹ .2ʹ1 6+ʹ5 1: *, .ʹU%. . ,1*, * ʹ3+.0ʹ4+.0ʹ 0" 3+.0 5.* .0ʹ5. 608ʹ *6ʹ , ".+ ʹ
4 6+ ʹ6 *0.ʹ .2ʹ ʹIʹ 06.* 8ʹ .4ʹ0+ -ʹ51*60 - ʹ4+ 6. ʹ ,+ʹ 0ʹ 09 1*0ʹ (056 - .*, .0ʹ 6.0ʹ6 - 6ʹ
ʹ8ʹE."" 8 , , .6 8ʹ 3+ ʹ *ʹ ""1ʹ" 61 0ʹ.55+"0 +*6ʹ :0ʹ+6ʹ *4 90*.0ʹ. +*6ʹ50 +9 + - ʹ
7.26 0 +*6ʹ$1 6+9."" . - ʹ ,9 1*0 - ʹ4 4. - ʹ, 04+*6ʹ3+ ʹ . , .*6 .0ʹ3+.0ʹ714 0ʹ61 ʹ
6 +8ʹ 6 5.* .0ʹ+6ʹ + 6.* ʹ:1"+*6ʹ - 06 151" 6.*.ʹ4: 6.8ʹ0 6ʹ .ʹ 0ʹ*1 - 0*ʹ - 51 +0 *6ʹ
3+.*3+. - ʹ." ʹ *90* 1 0ʹ - .9 8ʹ 3+. - ʹ&0 0ʹ .ʹ51 6+ʹ? ."" 8ʹ3+ ʹ 5,+8ʹ0 6ʹ . 0.ʹ + ʹ
.0 6+. + - ʹ:1, .6. - ʹ - ."+*6ʹ*0ʹ: 40" ,06ʹE."" ʹ *ʹ "5.* .ʹ5. 60 - ʹ."3+. - ʹ7.20.* ʹ
,+ - ʹ6. - 0*ʹ 5 6ʹ8ʹ 0"6 20 48ʹ" 2+ 1: ,08ʹV 0": 18ʹ *A . , , .618ʹ .63+0ʹ *ʹ 5 . + 6ʹ
6.* .ʹ 0"6 ,18ʹ4 60 ʹ" 1*ʹ51 "+6 6ʹ + 6.* .ʹ.+60 -ʹ .*6 3+.ʹ.*9+ 6 1 2 8ʹ .63+0ʹ .401ʹ
." 8ʹ " - 6 2+8ʹ3+. - $1 6+9."" . ,176 *02.6+ ʹ 3+ 550ʹ3+.0ʹ]ʹ 6.9.*. - ʹ06ʹ% .* 6. ʹ
9.*. - ʹ.ʹ%.91ʹ - 04 . - ʹ50 ".20*60ʹ4 4.8ʹ 09 1*08ʹ6.*6+ - ʹ1" - ʹ,1 - 5"040 06+ ʹ *+*, ʹ
:061ʹ06ʹ ʹ *60 . - *0 - ʹ06ʹ ʹ% .* *1*6.*. - ʹ3+.0ʹ. - 2.0ʹ1" - ʹ%. . ,1*0* 6ʹ.66 2+6. , ʹ
+*6ʹ .63+0ʹ .401ʹ .06 , .0ʹ5. 60 - ʹ. - 2 6+ʹ +1ʹ4.+4 6ʹ ' 6.ʹ+6ʹ*0, ʹ616.ʹ$1 6+9."" .ʹ + ʹ
6.* .0ʹ * 2+8ʹ, ,g+* , 2.6+ *0, ʹ616. - ʹ + 6.* . - ʹ5 .ʹ,1 6 *0.6ʹ $ *45+ - ʹ.+60 - ʹ
1 91ʹ ,ʹ7.206ʹ E+" 0" - +8ʹ + 61,7 ʹ ʹ ,1 - 6 8 1*1* .0 " +8ʹ E141 04ʹ 09 8ʹ
0 1 1"; - 1 - ʹ .60 ʹ5"+ 08ʹ" 20 18ʹ 0" 3+ 6ʹ 0/ʹ3+ 2+8ʹ 0* ,+8 - 2+ 9ʹ ,1 - 08ʹ
40,1 8ʹ06ʹ:0 .0ʹ".+4 8ʹ ,+5 4 6.60ʹ *, 6.6+8ʹ *ʹ 5.* . - ʹ6+*, ʹ .+ 1 + - ʹ2 4" 8ʹ . ʹM
40*60 - ʹ - .9*1ʹ,1 - 6.6+ʹ:0* 6ʹ ,+ - ʹ . - +*41ʹ ʹ 9+*4 1*0ʹE+" 0" - ʹ 9+*4 .0ʹ
,1 - 6 8ʹ "1ʹ06ʹ . - +*41ʹ?%1"1 .0ʹ06ʹ .* ʹ 09 4 ʹ ,1 - 60ʹ .:+*,+"1ʹ< 06ʹ51 6ʹ - +"6.ʹ
09 09 0ʹ20""1ʹ .4.ʹ .2ʹ " 1* 1ʹ: ʹ . 60"".0ʹ 090ʹ + 6.* .0ʹ0. *ʹ5. 60 - ʹ3+. - ʹ ""0ʹ 0ʹ
6 *+0 .6ʹ ,1 - 6.6+8ʹ6 6+"1ʹ . ,056ʹ *ʹ 50, 0 - ʹ5 1ʹV%. . .0ʹ " 1* ʹ 5" +8ʹ " .0ʹ4160ʹ
0ʹ:0 .ʹ3+14ʹ " 1* +8ʹ 0/60 * 8ʹ15 2+8ʹ ,1*6 .ʹ5 .051""0*60 - ʹ .+ 1 + - ʹ5160*6 . - ʹ
.4ʹ6+0*4+ - ʹ" - 60 - ʹ15+8ʹ7.20 06ʹ 6ʹ 6.ʹ3+ 40 - ʹ:+"91ʹ40ʹ 0* ,1ʹ)1ʹ + 6.*1 + - ʹ
09+ - ʹ6 5 8ʹ.+41 0ʹ 5.* ,ʹ.**."08ʹ6 .4+*6ʹ 6ʹ3+ ʹ 0 - ʹ.4ʹ:060 + - ʹ - 1*+ - 0* ʹ
61 + - ʹ 40 - ʹ4 " 90*6 +8ʹ0/50*4+*6ʹ ,+ - ʹ - . - ʹ0.ʹ *ʹ 0ʹ 0 561 + - ʹ4" 40*6 . - ʹ.* ʹ
- .4:0 60 0*6ʹ 0* ,+ - ʹ " + - ʹ0+ʹ - 2+ 90* 0 - 0+ 167. *9+ - ʹ." 8ʹ4 4+ - ʹ*1*ʹ
0/ʹ + 61,7 ʹ 1*1* 0*" 8ʹ 04ʹ 0/ʹ 120 60ʹ 4+48ʹ + 9+*4 1*+ - ʹ5 1 .5 .ʹ *.6+ - ʹ4 ʹ
,+*6ʹ ʹ 120 6+ - ʹ.+60 - ʹ 0* , ʹ ʹJ .*,1 + - ʹ 09 8ʹ .6 0 - ʹ06ʹ +91* 8ʹ .5060ʹ *0ʹ
5160 - ʹ + "0ʹ Uʹ3+ ʹ51 6ʹ 54+"57ʹ+"6 - 0ʹ + 9+*4 1*+ - ʹ 09 8ʹ12 6+ - < 0 "2ʹ *ʹ4+, . ʹ
6+ - ʹ06ʹ ,1 - 6.6+ - ʹ 09*1 ʹ + 9+*4 1*+ - ʹ4+ /ʹ , 0.6+8ʹ + 6ʹ, , .ʹ.**+ - ʹ, 1 / / / : ʹ06ʹ
0* ,+ - ʹ " + - ʹ 0" 3+ 6ʹ +91* 8ʹ + 9+*4 1*+ - ʹ4+48ʹ06ʹ 41* 8ʹ3+ ʹ +91* ʹ .6 ʹ
.**1ʹ, 1 / , ʹ +, ,0 " 6ʹ5.6 0 - ʹ *0, ʹ*1*ʹ 0* 4ʹ3+ ʹ,1 - 08ʹ$1 6+9."" 40ʹ + 6ʹ .**1ʹ
, / , ʹ< 06ʹ. , ,056.ʹ *ʹ+/1 0 - ʹ."60 .ʹ 40" 1* ʹ 09 8E." , .0ʹ06ʹ 6+ .0 " .ʹ *ʹ * 2+8ʹ
5.* .0ʹ+6ʹ :060 8ʹ 0 561 8*1 6 .6 8ʹ 8ʹ 0 0ʹ,1*60 - 51 .*0ʹ:0 2 8ʹ+6. ʹ ,+ - ʹ . B
- +*41ʹ ,1 - 6.6+8ʹ6 .*8ʹ . - ʹ5 *, 50ʹ3+ ʹ 1* 6.*6 . - ʹ."60 . - ʹ0<+ 40 - ʹ?ʹ 40" ʹ
1* ʹ " . - ʹ *ʹ - .6 - 1* 1ʹ7.202.6ʹ ,1*6 .ʹ ʹ 9. 0*1 + - ʹ,1""1, .6+8ʹ0 6ʹ - 50 + - ʹ
.0ʹ ʹ :0 .ʹ +*6ʹ +6ʹ .*0ʹ ,0 6 1 .ʹ0 "0ʹ 8ʹ1 - * 2+8ʹ3+.0ʹ :+"91ʹ6 .4+*6+ ʹ ,1* 6.6ʹ
E."" .ʹ*1*ʹ 1"+ - ʹ515+"18ʹ 0+,1"1* .8ʹ *ʹ 5.* . - ʹ - - 0 6ʹ 04ʹ+6ʹ *9" 8ʹ6.*61ʹ
60 - 51 0ʹ 0908ʹ 6.ʹ5160*6 " - 1ʹ . ,ʹ15+"0*6 " - 1ʹ *ʹ 5.* .ʹ 09* 5 *, 508ʹ50 ʹ"1ʹ

[illegible]

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4 * 1 - 0 *ʿ 4 , " 1 * " . 0 3 + . - 0 * , + 8ʿ 4 + / 6 6 2 + + * < ʿ 5 . - ʿ + , 0 5 6 + 8ʿ " 1 * + 8ʿ) ʿ
ʿ " " ʿ # ʿ ʿ ʿ ʿ / / : ʿ " " 4 # ʿ " ʿ

6 0 * + " 0 6ʿ - 0 - 1 . 2 " ʿ . 4ʿ 5 , 7 . - ʿ , 1 * 0 6 1ʿ , 1 * 6 . ʿ : ʿ 0 9 0 8ʿ . + 2 8 ʿ 3 + 1 8ʿ 0 6ʿ : , 6
5 1 0 " 1ʿ 0 /ʿ . " + 6 . 6 + 8ʿ 0 6ʿ ʿ 0 6ʿ : ʿ 5 1 6ʿ . * * 8ʿ P " " 5 1 * . - ʿ E . " " 1 / - ʿ 0 6ʿ * 9 " 1 + -
1 5 2 + 8ʿ + 2 * / + 8ʿ , 0 5 6ʿ < ? ʿ 6 1 6 . - 3 + 0ʿ . 4 0 1ʿ $ 1 6 . " " . - ʿ 3 + . - ʿ " . 6 0ʿ 7 1 4 0ʿ 5 . 6 , 6ʿ 4 0ʿ (.
. , 0 * 8ʿ 0 , 0 5 6ʿ 0 6ʿ - - . * ʿ < + 9 1ʿ , / 0 - 5 6 . - ʿ , 1 * 6 . ʿ 0 1 + - ʿ 5 1 6 0 * 6 . - ʿ - + * : 6ʿ , ʿ 4 0
- + - ʿ . 2ʿ + 9 0 * 1ʿ ʿ : 0ʿ " 0 / . * 4 0ʿ ʿ 0 9 1 + - ʿ * 9 * + - ʿ 3 + . 0ʿ : 6 + 6 0ʿ - 0 + 0 .
0 6ʿ 0 / 0 , 6 + ʿ 6 . 4 0 * 6 0ʿ . 4 0 5 6 + 8ʿ + 0 . 6ʿ , 1 * - . 6 1 * 0 *ʿ . 4ʿ - . < 1 0 - ʿ 4 9 * 6 . 6 0 - ʿ . , , 0 5 6
. 4 4 6 . ʿ , 1 * 4 6 1 * 0 ʿ " , + 6 1 - . 0ʿ < . 4 . 6 + + 6ʿ 3 + 1 6 . * * 8ʿ . ʿ $ 1 6 + 9 . " " . 0ʿ 0 9 2 + 8ʿ 4 + . 0ʿ . +
" 2 . 0ʿ 0 , , " 0 . 0ʿ 1 - . * . 0ʿ " 1 , 1ʿ 6 2 + 6 ʿ 5 0 * 4 0 0 * 6 + ʿ . - ʿ 4 0ʿ 0 . - - ʿ 0 / . 4 1 * 0ʿ 7 . 4 0 * + 8
* + " " . ʿ . + 6ʿ 7 1 - * + - ʿ - 0 - 1 . ʿ . + 6ʿ 1 2 9 * . 6 . + - ʿ 6 . 2 + " . + - ʿ 4 0ʿ , 1 * 6 6 6 ʿ + 6ʿ 2 (6 0 5 7 . * . 8
E . 2 . 8ʿ , 2 6ʿ 2ʿ " 1 * 5 ʿ 3 + ʿ D 1 * - 2 , . 0ʿ 4 0 , 0 " 6ʿ . * * 1ʿ , 1 , / / , : ʿ . 4ʿ - - .
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, / : 6ʿ 7 1 , ʿ 0 6ʿ / : ʿ . * * + - ʿ . 6 6 9 6ʿ 4ʿ 0 * - ʿ " , + 6ʿ . 5 + 4ʿ * 1 8 ʿ 0 6ʿ . 5 + 4ʿ " " 1 8ʿ 0 / 0 - 5 " 2
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- " 6 . 2 + 8ʿ 0 / 0 , 6 8ʿ * . ʿ 0 9 . - ʿ - . < 0 6 . 6 0 . ʿ 1 " 0 4 . 2 . 6 + ʿ + 1 3 + 0ʿ 1 5 0 ʿ . , 0 * 4 1
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* 9 0 7 8ʿ 4 + , . - ʿ 0 , 0 0ʿ 4 0 " , . , ʿ . , ʿ " + / + 8ʿ 0 /ʿ * 4 . ʿ 0 * 6 . " ʿ 0 6ʿ . ʿ 1 " - ʿ 1 - . * 1
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6 7 0 1 " 1 9 1 + - ʿ 5 1 0 1 * 0 - ʿ . ʿ , ; " ʿ . 4 - * 6 . 6 1 * 0ʿ 1 - * * 1ʿ 0 5 . . 6 . - ʿ 4 0 ʿ
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" 1 .67. *. .: . 06 0* ,1 ,. 4 *." 5.6 +3 4071 6.*6 2+8 6. 40 6 6 6 +6) "
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40 *,058 .47. 660 06 3+14 06 ""0 3+. 51""02.6 .5+4 0+ - 9 .6 . 126 *+ 6< 0.40 - 3+0
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- ."+-' *60 ' 7 6 .*18' 0 5 6' 01' - .<1 2+8' 14 8' :0 0' 7 6 .*18' 04". 1' :0*0*.' " A & '
* 0 618' 4060 6. ' : 6. 0' .63+0' .4' *60 *0, 2*0 -' 50 03+ ' 3 . -' * 40"0 8' .75 - R ' $ '
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,19 6.6.' 51 60.' .401' *60 ' *18 ' 06 . -' ,0 .*60' 0.' 1, ,. 1*0' *:."+ ' +6' - .9*. +*'
6 .91,4 . + -' 6161' 7 6 .*1' 1 20' .0' 5 .0, 5+0' *' E."" .' 0/, 6.*4. + -' , .+".' 0/6 60 6
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9.*6 2+8' *40' 3+ ' 20""+ -' ""+4' ,+5 02.*6' *40' . 0*6.6 1*0' .+" ,. ' 3 +' - *+8' :1"0 '
2.*6' 0 -' *1*' - 5 12.*6 2+8' *60 ' 3+28' .67. *.' 5. 0*8' 06' 0* 0+8' 5.6<++8' ,. '
4 *."%8' +0 0 ' 20""+ -' 40,0 * 6+ ' < 04' 0.' 01*4 6 1*0' +6$ 55+8 "A@.* .0' 0/ ' ,+<+8'
1' - *+8' *60 0 .6' 12' : , * . - ' +6' .7+ - 06.*' *' .+ 6.* .' 5 1/ - .' *' 1 4 *0 -'
,190 0*6+ ' *' 20""' 1, 06.60 -' .4 - 660 06+ ' (0,+*4+ -' 7.0,' - +8' .4' $7 " 55+*'
$06 : 8' ", . 1: . ' 3+' (02. 6 .*' *1 - *0' .+/ " .' 06' 20""' *' , .' 90 0*4 ' 1, 06.60 - '
+*. -' 0/ " .2+8' *' +/1 0 - ' 06' ,1""13+ + -' ,+ -' 5 1' 5060 06' +.0' 1 - * .' 51 6' "1*'
9 + ,+". -' *' $7 " 55' .+".' - 1 . -' $06 +8' 126 *+ 6' (J. -' 06' .4.' 50.44' ."60 .' " . +*'
' - .6 - 1 + -' 4.*4.' 06' +2 4 8' .4# ., . . -' 0/504 6 1*0 -' - 660*4 8' ' 3+ '
40 -' ,1*6 .' 6." . -' 71,' .**1' %+ ,+8' ,". "0 -' *1*' - 660 06' 1*4 4+*' 60 -' .4' ' E+. '
4."+5. -' V 1" -' 3+.8' +5 .8' ,1""13+ + - ' 3+14' 06' 0,+6+ -' 0 6' (02. 6 .*1 ' 3+. '
,+*3+0' 60 ' 7.2+ 6' .' $7 " 55' * * 6 8' 09."' . .9* ,0*6 .' 0/, 0561' 06' .50 6 8' +2 3 ,'
,. ,0 2+8' . ,' : *4 8' * 0<+8' 9 .6 . -' 1"+6 8' *' ""1' 01""13) 1' $7 " 55+8' 3+ ' ,+ -' 1,B
,+"6.' " :1 0' 0/' 90*0 1" 8' : , *' 5 *, 5 8' *' 50, 0*' ,1* " 8' ,17, 0561' :0*0 .6' +2'
: 4 6' .0 - +"+ -' 516 +8' < +:0* ""')5 .' : 0 8' : .* 6.60' .5 ' 3+0 -' .550* 2' .4' 09*' . '
6 1*08' ,1* " 1' 0. *' 0/504 6 1*0 -' + ,05 0 *6 4 . -' *' - 0 ,2 4 . -' :0 6 6' 06' .*0'
$7 " 55+8' 0/504 6 1*0 -' - * - 0' 4 +. 66' ' 0060 N+ - ' 70' 5 0' (07. 6 .7+8' .4' 0. *' 5 1 '
, ,0 ,6+ ' "04' 50 ' "09.608' 60*.' 90 0 06' . - 14+ -' 19. : 6' .' 3+1' 6. - 0*' 5 51 6 '
5 ., , 5 60 -' <+:0 0 -' 4 .1:0 0' *1*' 516+ 6' 0 *' 0 6' J0 4 *.*4' ": . ' D%1" 06 *'
"2.0' 4+0"8' ,1* "" ' 0' 40' 20""' *' < 6 , .' 90 0*4 ' .6 1*0' *60 ' 5. 608' ,1*:07 6' +6'
& ' 504 6+ -' 0/' ." 8' 3+. -' + 6.* 8 01* 0 20 0*6+ ' 3+' 20"" 8' 0/50 60' , "0*6
6." 8' E0 - .* 8' 06' 5.* 8' < 3+1 + -' /' ' (02. 6 .* ' ' ' $7 " 55' A 0*4 1' - " '
6. 0*6' 3+ ' 06' ' 6 0 , 8' *' . ., .*. -' 0/504 6 1*0 -' - . ' *1*' 60 .' 06' 71, ' 3+ ' 7+<+8'
.0,+"' / / : ' *+ - 0 .6+ ' .**1' + , 5 0*4. -' ,1 - - 14. 06' 703+0' 0* - ." 60 $7 '
" 55+ -' 12" 9.6+ -' ' 6.' +6 *3+0' 4 00 ") - ' 2' 01' 60 - 51 0' 08' "0*60' *' + 6.* .'
.4 - * 6 . ' ,1050 0' 50,+* .' 40 6, 0*60' . - ' ,+ -' .0 . + -' 616 +8' 09*' : 0 08' ,0*'
60*.' - "" .' 4+, .63 + -' : /' 0/ ,04.6' *' 01' 5+6.6 8' 5 .060 ' +" 6.* .0' :04 9." . ' 3+.0' 0/'
* +" 8' - . 8' 6". *6 ,0' . " . (' %71 - .0' * +". ' 06' *0* 0 ' - 06.""1 + -' 5 1 '
- 1*61 1' *' , . .63+0' .401' E+ *0.' " 61 ." ' 09 1*0' 3+16.** 8' ,1"" 9+*6+ + - 56+8
I' 3+' *' .+".' 1*90' 1 - * + -' 1"+6 .' 5 .0" 4 8' 06' ,060 8' 097' 1*0 2+8' + 6 *0* - 8'
+ - 6' 0. *' + - - . -' 5 0 - - 3+0' +50 .*6' ' 06' 3+.0' 0/' *4 .' 0*6." ' 5 1:0* +*6'
3+.0' .4' 40, 08' ,0760*.' - "" .' 4+, .61 + -' 0/ ,+ +*6" + - 56 2+8' *' *.: 9.6 1*0' 6. *'
"1*9 *3+.' ' : ." 4 8' 5 .0" 4 8' - 50*4+*6+ ' 1 - * *1' 0/7.+ +*6+ ' +6 " 6.60' 3+.0' 0/'
8' 5 1;0* 6' .4' 5 : .608' * 6 61 ,8' 06' .4' ,1 - - +*0' 09*' 01 - - 14+ - ' *1*' .4' 5 *, 5 8'
.0 . + - ' 04+*4.*60' 6.3+0' *1: .' :04 9." .' 0/ ,19 6.6.' 06' - 51 6.' *1*' 1"+ -' 5"02'
04' ,060 8' 1 4 * 2+8' 9 . : . ' %6 ' ,+ -' 00,"0 . " 0' * 6 1' 0 - 0 0*6' 6. - 0*' 3+14' 51*'
6 ,0 -' (02. 6 .*' ,1* " 8' . ,' :1"+*6.6' .:0 0' *60"" 90 0*6' ' .+ 01 + -' , 5' 2' - '
50 . ' 5. 6' +*6' A"0 6.2.*6' *12 R8' *0' 5 " 3+ 40 -' .' *1:1' 1*' 0 0' - - +*08' +6+ M
* ' J .*, ,+8U' 0R@' ;%0*6 9+0" ' ,1 - 08' *60 ,0 6%06' 8' 5"0* 8' " 20 6.6 8' . ,' 4+, .0'
" 60 8' .5+4' < 090 +' 0' 0S) : 6d' ,1*6 .' + .' ."0' 20 6.608' 09*' 0 ' 40 - 1* 6 .*8'

3+1 + -'

& ' ' ' % ' ?' 1" -' 3+.8' 66+5.8' ' 8 $' ' <+32' 13)"((!=21' !# 8 $' + ;' %0*6+
3+0" ' CK$' $'
' $ ' D ' I' 9 ' ' . ' ' A ' 2 ' ' ! ' !' ?' *' '
$ I' ' ' : "#' ' . !# /' ' M

' q T ' , ! ' - ' '

4 & '3+1 + - ' - .<1 ,8' . - 5" , . *41' 09*1'5 .0, 5+. - '150 . - ' * . : . 0*6' ,1 + - ' " ' . ,' *,
' # ' ' 51 08' , : " 2+8' 1*0 2+8' 50*40*4 8' 9 . : . 0*6+ ' 0<+"3+,' 0 ' , . + . - ' 5 - . . - ' 0 '
A+6. 0' 2' 50, , .6.' *1 6 . -0 6 ' +, ,0* 0*6 8' .0' - 5+6.2.6' 04' 0,+*4. 1' *' 5 . :18'
09 8' ,1* " . 18' ,< , 02.6' 0/'013+0 * 0" ,08' +, ,0" +8' 5 .0 .9 02.6' *. - ' 0'A1. * *6'
5 +1 ' 0* ,1'06'A , 4 * . *41 + 6. * .0' 09 2+8'0/504 6 1*08' * 0" , 60 ' ,0 "0 '3+14'
- 50 .6 8' *1: 8' 5"02 ' 1*0 2+8' + 0056.0' 0 0*6' ' 3+. *3+. - ' :0 +8' 0 06' 5"02 ' 3+. - '
5 1,0 2+8' .2' 7+<+ - 14 ' 02+8' 7+0') 3+0' - - +* 2+8?' 0.' - 55* ' G+.5 1560 ' 090 - '
40 - 0' 71 6.2.6+ ' 06 . - ' .63+0' 06 . - ' : 40 06' *0' 509*+ - ' 3+14' "1 0*6 * + - ' .'
<* .<1 2+8' . , ,05 "06' .' 5 . : 8' ,1*) . 8' 40,056+8' 06' 5 06 8' 40,0 "2 + - ' 0/0 - " 8' *'
50 ,+"+ - ' .44+,0 06' 8' " 6, 8' 06 "' * 1*' - 04 1, 60 ' ,1 - - 16+8' 0/ ' 6. - 0* '3+14' 50 '
,+"1 + - ' 0 06' 41"1 0 - ' 0/' 01' ,1* ,056+ - ' <. 7' 02+8' *' 5 1, *4+' ,1* 6 6+6 8' 0*+ '
4. 0' 0* + - 0<+84 " - +". : 6 06' 5 1,0 + *'<+ 6. - ' *4 9* .6 1 0 - ' :0 6+8' .2 - 50 .*4.'
8' 50,+* .' .2 6 *+ 6< 0<041' *' - 0 . - ' 5"020 - ' 1*0 0 '3+. 0' 0/7. + 61' :0A+6' R 9+ *, '
.4' 40"50 .6 1*0 - ' .4 . 4.' 20""+ - ' 0<+ 3+0' .+41 08' 5+2" ,0' 06' *' . , . *1' 4060 6.2.6+ '
*' 7 8' .*9+ 6 8' 0/' 04 0 6 ' +6' 0""0* 8' - 1*06. '3+14' * + *3+. - ' .4 6.6+ - ' 0 .6' *'
< 09*1' 0, 50 06+ ' 5 06 1' 0<+8' .+41 ' 14' *' 1 - 0*' <. - ' 6+ *' . , ,05 - - ' 0 6' %+ *'
5"028' *1: .0' - " 6 .0' 40 6 * .6.' , 02 1' # " " 51* .' 04+0' ,1056. ' 06' 3+. ' .4' 5+9* . - '
* 6 + ' 4 ,+". ' 5 1 8' .6 1*, 3+ 550' * + ""1', 5 4141 0' .+6' 6 2+*0' 20"" 8' 0/50 61 '
04' A1. * *0' 3+14. - ' E. - .' *1 - *0' 8' 5 .00+ *60 3+ ' 0 0 - 6.0' 7.2 6+' 6 1*08' 5 0' 20"" '
+4 8' * 6 +0 0' .9 - * .' 1 4 * . 0' 06' 01*,+ 0 0' 041002.6' *60 ' 6"155061 + - ' 4 5"1 '
61*08' 5"0 + - 3+0' 6090' 5 1' 7. *4', 6 .' 50 ,+"+ - ' :0 .*60' . ,' 4 0+ 0*60' ' 3+ ' 06' :0* . '
6 1* 2+8' 50 ' 4' 60 - 5+8' 0' 0/0 ,02.6' 06' *' 0 .8' 90*0 1 1 08' *,+ 0 0' 0."36 0' ,1 - *+8'
90 0' 9. +402.6' .050' 06 . - ' 0' - . ' ,1 - - 6602.6' - . / - 0' ,10"1' 5 1,0""1"2' ' * . * .'
0 0*1' 9* . : ' 0 0' 4+,02.6' 6.' +6' 50 ,+"<' 3+.0' .5 0*6 1 08' : 6. *4.' ,0* 0*6' 3+.0 '
0 06' 06' *' 0/ 6 + - ' 51*60' +0 0' ,+*4 8' : 40 06+ ' *60 0. ' 40 , 0*60' 20"" ' *0 :1 '
09* 60 '0+*4.' .4 - * 6 .2. *6+ ' 06' ,+ - ' 0/' 5 55 8' " 2+ * + - ' 7 6 + . - ' 51 6. *4 '
2 3+0' 4 6 .70*4 ' 5 06 1' *' 6." .' 06' E0 - .' 40"04+8' 7.20 ' 4020 0*6' ""+4' 6. - 0*'
.47+,' " "" 51* .0' * . : 2+8' - 51 6+ - ' 7.0 02.6' 6' ", . 1: . ' 60 - 0 . "' ,1* " " ' 516 +8'
.4' . 0*6.6 1*0 - ' 3+. - ' 51*60' .+41 ' ,+ ' 50,+* . .0' 0 ' 0/504 0*4.0' ,+ .' ,1 - - "".'
0 .6' 1 J0* 1*0 - ' 09 8' :0 6+8' 4 ,+"6.608 "".8' 4 - +".2.6' 06' 1, , . 1*0 - ' 1550 0 '
2.6+ ' 3+.$7 " 55+8' .+6 + , , .0' ,". 8' *' 6." . - ' .55+" + * ' , . + .6+8. +6' 12' ." . - '
, . + . - ' .2' .+/ " 8' + - - 660*4 8' 0' 0/,+ . 06' +6' ,+"5.' ,1* " " ' - * - 0' 0/' : 061' 5 1, , '
40*6 8' *' 0<+8' 60 9 :0 .6 1*0 - ' 0<04.' * : 4 . - ' 1 - *0 - ' .' 0' . - 1" 06+ ' ', - 66 1 '
4+ - ' . , , 4 6' 6+* , ' +6' ,' 0" ,+8' ,0 6 1 ' .4+8' 40' .55.6.6 2+8' * 6 9. *60' .7. - 060' ,1*6 .'
0' .4 8' 0/' *4 0.0' 2' E. 5. 8' 1 '3+ '" ,06' 7 6 .*+8' *' ".9 .*6' 9 .6 .' .5+4' 7, '
+ - ' "1 0 6' 06' 02+8' $7 " 55' *' , ,+"61' .:02.6' ,1* "" 1 ' .4' $7 " 55+ - ' "09 .608'
- 660 06' 5. ,0 - ' 5060*8' 06' ,1*4 6 1* 2+8' .03+ 8' :0" ' 06 . - ' "1,1 + - ' 3+.0' :0""06' 6 . '
4 6 1*0' , . :0 0' 0' 5. .6+ - ' 1 60*40*8' 3+14' 6.6 - ' (02. 6 . *1' 9* , . ' ,+ . : 6' $7 '
" 55+8' +. 63+0' * ,' 12".6.8' .' 0" ,1' ,1*4 6 1*08' 0 5+0 06' "04' .8 . - 5" +8' .2' 01'
40,". . ' 5060 06' * . - ' 0' 0' : 40 ' +6' .) + - ' 0.' 50' ." 3+. *4 +' ".4. 06' 4+ - ' *60 0.'
20"" ' .55. .6+8' - .6+ . 0*6+ ' .63+0' 0/' 01' 1 6. 0' 0,+6+ + - ' +6' .+ ' 0.' 50' ""0' - + '
* 0*4 '<0' ,1*) + - ' 1 - 660 06' .+6' 06 . - ' AA1*60' 8' 5, 8' ,0p0 06' 3+.0' : ' .2' ""1 0/61 '
6+ *' 2.6' 6' (02. 6 .*+8' 3+ ' 3+. *6+ - ' 0 - 1 .0' ,1* " 8' *8' 60 - 0 . 8' *< ,0 06+ '
6. *6+ - ' 40' 40,1 0' +1' 406 ." ' 0/ 6 - .2.6' 50 .6.0' ; 41 .0' 0 6. - 06' ,+ - +6 " 6.60'
,1*<+*4. - ' 5. ,0 - ' 51 67.2+ 6' 06' ."+6. .' $7 " 55' - 1* 6.' *09"0/ 6' 0* /0' 19.78' +6'
1 7*0 - ' ,+ - ' 0" ,1' 5. , 86 .4.6+ - ' .2 + - 50 06' 6.3+0 7 55+8' 51 63+. - ' !)'
.6 1* 2+8' .' 60 - 0 . 1' ,1* " 1' 0+ - ' 4 - 1:0 ' 51 "0' ,19*1: 6' 50 ' 1 .61 0 - ' ++ - '
,". %0 - ' 5 0 6' ' 6 0 - + - ' ,+ - ' ' 504 6+ - ' , 1' ,0 6 8' ,1*4 6617 2+8' 04' 1 .61 ' *
U' ? , . *1
-/+ 'G " 4 " ' $> ' ' ' 0' .' ', '

')ˢ *ˢ 0)@@

. ,.*1ˢ - .*4.6+ - ˢ +6ˢ 6, - 5+8ˢ ,.56. 06ˢ 3+1ˢ ˢ (02. 6 .*+8ˢ ,1*4 6 1*0 - ˢ .,, 50 06ˢ G$ & !
<. - ˢ 01ˢ. **1ˢ. * 5" +8ˢ 20""+ - ˢ 90 ˢ *1*ˢ 51 "06ˢ<3+14ˢ 06ˢ 12ˢ 0. *ˢ .6 1*0 - ˢ *ˢ 03+0*60 - ˢ ' # ˢ ˢ ˢ
.**+ - ˢ 4 ".6+*< 0 6ˢ " 8ˢ 2ˢ 4ˢ .ˢ $7 " 551ˢ J .*, ",+8ˢ "4.*.ˢ *ˢ ,. - ˢ 3+ ˢ 12ˢ
1"0617.2 6+"1,. - .ˢ 06ˢ - +* 6 1*08ˢ - . 6 - .8ˢ "+ 6 . 06< 3+ ˢ *40ˢ 0:0 +8ˢ ,+6ˢ
<+ " 8ˢ 0 .6ˢ .4ˢ + 6.*+ - ˢ .4 6 ˢ 04 - 3+0ˢ 40ˢ 0ˢ 1 - * ˢ 5R*,ˢ 041,06ˢ 20"" ˢ *ˢ 8ˢ 09 1* 2+8ˢ
9, 0*4 ˢ 4 ,+".6 2+8ˢ *ˢ - .<+8ˢ 0/.990 .6 8ˢ .ˢ 0ˢ 6. - 0*ˢ - * - 0ˢ * . 6.ˢ 0 6ˢ 09 8ˢ
:."+*6.8 ˢ 04ˢ .55060*60ˢ 7;0 - 0ˢ 71 - *0 - ˢ ,.60*. , ˢ .+ 01 + - ˢ 41*.6+ - ˢ .4ˢ $7 " 5 ˢ
0ˢ 5+ - ˢ 0 - 66ˢ 04ˢ "090 +6ˢ 03*0*6ˢ .6 - 1ˢ .4ˢ ,ˢ ,+ - ˢ 21*.ˢ $7 " 55 ˢ 9 .6 .ˢ 04 06ˢ 06ˢ 0,+*:ˢ
.4ˢ 0/504 6 1*0 - ˢ ,.*. - ˢ 5 1 , ,0 06+ ˢ *60 0.ˢ 50 ˢ A1 ˢ E1 - 0 + - ˢ (":. - ˢ + ;*ˢ
.5+4ˢ 51*6 ,0 - 1 .61 0 - ˢ ,+ - ˢ J .*, ,1 6 + .0ˢ 4+,0ˢ .9 6ˢ 36ˢ 50 ˢ 0+ - ˢ 2ˢ :ˢ, 1ˢ
504 6+ - ˢ *ˢ 6 + .ˢ ,1* , 20 0ˢ " ,0 06ˢ 0,ˢ .2*+ 6ˢ .*, ,+8ˢ * 6.*60ˢ 51*6 ,0ˢ 04ˢ
61ˢ *0ˢ < 3+ 550ˢ ,+ - ˢ 50,+* .ˢ *ˢ 60 - 51 0ˢ - * 0ˢ 05 .0 0*6.6.ˢ +0 6ˢ "%+8ˢ 06ˢ
ˢ 0"9 + - ˢ .4ˢ h ""0" - + - ˢ ." 1: + - ˢ 6.+ 1 8ˢ 5 *, 50 - ˢ (02. 6 .*+8# 1 6.ˢ
3+ ˢ 0<+8ˢ 150 .ˢ :ˢ ˢ 504 6+ - ˢ 40"04+8ˢ *ˢ E0 - .) .ˢ - 506 . 06ˢ %+ *ˢ /ˢ ˢ 504 6+ - ˢ
ˢ + 6. .ˢ ,5* , 56.ˢ .ˢ 2ˢ ,7.0"0ˢ 1 19*.ˢ 4.,1ˢ +51ˢ (3+0 .ˢ J .*, ,1ˢ .ˢ
;1 .06ˢ &."01ˢ (":0 .ˢ 9*. 8ˢ 0 0ˢ 20"" ˢ 4+, 2+8ˢ *ˢ P . 60).ˢ :, *.ˢ - * - 0ˢ 506 6.ˢ
.ˢ $7 " 551ˢ :0* .ˢ ." 3+16ˢ - " 608ˢ "04 ˢ 7+ ,ˢ - " 6 .0ˢ *1 - 0*ˢ 4040 +*6ˢ < 3+1 + - ˢ 5 1 *40ˢ
4+,08ˢ 51 60.ˢ .ˢ $7 " 551ˢ - +" 6.6ˢ +*6ˢ 1* 6.*8ˢ 6 7 "4 - *+8ˢ 1 - * + - ˢ 15 * 1ˢ 0 .6
ˢ 6.ˢ 0 - ˢ 90 ˢ +6ˢ " .ˢ 0/504 6 1ˢ 60*"0 0ˢ + 0056.ˢ 06ˢ ,1ˢ .**1ˢ 4 ".6.ˢ 03+0*6 ˢ 40 - + - ˢ 1 - ˢ
* *1ˢ ,:.*0",0 06ˢ 3+ 550ˢ .:0 "2ˢ $7 " 551 ˢ 06ˢ .67. *.ˢ .: .ˢ $7 " 55 ˢ . - 6.ˢ .63+0ˢ
0* ,1ˢ ,. 4 *." ˢ 5.6 +1ˢ - ./ - 0ˢ *ˢ 1,,+"61ˢ 4 ""0*6 0*6 2+8ˢ J6ˢ 6.ˢ ".*0ˢ $06 +8ˢ ",.ˢ
1:.ˢ 1 0ˢ 2 ˢ 50 +. 0 .6ˢ - $7 " 55+8 ˢ 20""+ - ˢ *ˢ 0"9 1 ˢ 3+14ˢ 15 6+ - ˢ 5+6.2.6ˢ 51""
+"< ˢ *ˢ 5 1: *, . - ˢ .4:0*6+ - ˢ 06ˢ ,.56+ - 0 . - + ,+ - ˢ ,1*6 .ˢ 50 - ˢ 0, +4+ "%0ˢ
,.+ .6+8ˢ .ˢ ,15 8ˢ 5 1 - " 8ˢ ,+6ˢ - 1/ˢ 0, 6ˢ 0ˢ 0/,+ . 06ˢ 06ˢ (02. 6 .*+8ˢ 3+ˢ. - , 8ˢ
- 1*0*6 2+8ˢ 7.40*+8 40 - ˢ *1*ˢ 7^2+0 .6ˢ *1*ˢ ,1 - 5.60*6 2+8ˢ +*4 3+0ˢ .,,0 6 8ˢ .+/ ˢ
". 2+8ˢ 06ˢ 40 , 0*60ˢ 0ˢ)+ - - . .ˢ 0 1 0 7 *ˢ 0/504 6 1*0ˢ 60 - 0 0ˢ * 6 6+6.ˢ .4 - " + - ˢ
*0,0" 6.60ˢ .4.4+8ˢ 0 - 0*4. 06ˢ (04ˢ ,1*6 .ˢ 0:0* 6ˢ * 9* 3+0ˢ 0/0 - 5 1ˢ 5.6+ 6ˢ :0 "" ˢ
- + - ""+4ˢ 0" 0ˢ 0+ - ˢ 3+1 + - ˢ 1 6+ . - ˢ ,:0 60 ,ˢ 40, 0: 6ˢ 01 + - ˢ <+4 , .ˢ ,1 + - ˢ
50 0ˢ ,+ - ˢ (02. 6 .*+8ˢ 5 06 8ˢ . - ,1 + - ˢ 5 +40*6 2+8ˢ *1* 6ˢ "8ˢ 3+.0ˢ ,1*6 .ˢ .ˢ 1 6+*.ˢ
1"J, 02.*6+ ˢ 6. *ˢ .: 40.4ˢ 50 * , 0 - ˢ +. - ˢ. 5+ 6ˢ (.*0ˢ 51*6 0/ˢ * - 8ˢ .4ˢ 20""+* ˢ
""+4 ˢ +6516 0ˢ ,1*6 .ˢ * 40"0 8ˢ 90 0*4+ - ˢ 5 150* .8ˢ .50 6 8ˢ 5 6+." 2+8ˢ 670 .+ 8
+, .6. - ˢ 3+. - ˢ :1,.*6ˢ 0ˢ .**+ 6ˢ 3+. - ˢ 9 .6 . - ˢ *+ 3+. - ˢ 51*6 ,08ˢ + 6.* 8ˢ 0B
9 2+8ˢ 7.40 "+8ˢ 0,0 .*6ˢ 06ˢ *.:08ˢ 0/ˢ *4 .ˢ .":.0ˢ .55+"0 +*6ˢ %+ *ˢ :0 1 ˢ 3+.0ˢ - 504 ˢ
- 0*6+ - ˢ +"6 - + - ˢ. "".6+ .ˢ 0/504 6 1*ˢ, 0402.6+ ˢ .+6ˢ ."60 - ˢ 5 17 2 6) .ˢ *0ˢ ,7. " ˢ
- +8ˢ 2 ˢ *0518ˢ .2ˢ +"* 8ˢ 06ˢ . - 5"0/ 2+8ˢ :0"+6ˢ .:+" +8ˢ 5 0ˢ *ˢ ,. - ˢ 5 1" , ,0 ,6+
ˢ +2ˢ 4ˢ 60 - 5+8ˢ .67. *.ˢ .: .ˢ - .9*1ˢ + ˢ 60" 41ˢ 40 40 1ˢ 40 0 6ˢ .+ 1*0* 8ˢ
.+60 - ˢ 3+ ˢ 0 06ˢ <. - ˢ *1*ˢ *,0 .ˢ 40ˢ $7 " 55+ - ˢ *ˢ ,1ˢ *0916 1ˢ :0 . ˢ 06ˢ *09.60ˢ 3+.0ˢ
5 1 - 0 .6ˢ +6ˢ , ˢ *: 4 . - ˢ, 0. 06ˢ 06ˢ .*6 3+ 8ˢ * +"6.6 2+8ˢ *60 ˢ + 6.*18ˢ 06ˢ . 60" ˢ
ˢ "0* 0 8ˢ 0/ˢ 3.ˢ 1,,." 1*0ˢ .,,0* 8ˢ (02. 6 .*+ - ˢ 71,ˢ 20*0 , 1ˢ 2 ˢ 40: - 4+ - ˢ .ˢ $7 " 55ˢ
5. 6 2+8ˢ 06ˢ ,1* " 8ˢ 05. . 06ˢ 6+ *ˢ 06 . - ˢ +6ˢ 1508ˢ +.8ˢ 1 60*6. 06ˢ 3+. - ˢ: 8ˢ 51""1,,+ ˢ
5.6+ - ˢ .ˢ A1.**0ˢ + 6 1ˢ . - + ,+ - ˢ 20""+ - ˢ *ˢ 0"9 1ˢ + "+8ˢ .,,0* + - ˢ 0"%06ˢ +"6 .ˢ 50ˢ
6 6.ˢ .+/ " .ˢ 406+" 6ˢ 8ˢ .,,0" 6ˢ, 04+"1ˢ *90* 1ˢ *<04.ˢ .ˢ 1 .*.ˢ ""0,02 .ˢ ,1* 9*.6.ˢ
ˢ 1 60ˢ C "".ˢ .2ˢ ˢ 24.". . *1ˢ 0<+8ˢ 5 .0 041ˢ .7. - 06 8ˢ <+"%+ *ˢ - .*+8ˢ 4:. 4ˢ
9ˢ 0*0 .?0ˢ 3+ˢ % *9 - ˢ 5 .0 4 1ˢ 60*02.6< 3+.0ˢ .2ˢ " 1* 1ˢ :ˢ 5 - + - ˢ 1,,+5.6.ˢ
40 *ˢ +2 - - 8+ - 0"0ˢ 0 - 0"ˢ .63+0ˢ 60 + - ˢ, .56.ˢ .,ˢ 0,056. ˢ 3+14ˢ *+"" +8ˢ - 1 - 0*6ˢ 0"%06ˢ
0,ˢ ,1 - - 140ˢ - + ˢ 51"%06ˢ .ˢ A1.**0ˢ .:1ˢ 40 0 6.ˢ 51 6 0 - 1ˢ +0 .6ˢ G+.0ˢ 1 - .ˢ

ˢ ˢ ˢ ˢ ˢ ˢ 5"+8
% $ #ˢ I5 2=3ˢ ? ˢ % !! ˢ 8 ˢ 6ˢ ˢ * 2($ ˢ. , 4ˢ 2ˢ * &
ˢ , $ Kˢ $ I? ˢ & ˢ & . ˢ %ˢ / &0 +ˢ ˢ ˢ ! ˢ - . ! 2
%1ˢ 5 ˢ]ˢ -

'qn') E %)

$ & '5"+8'5 042+8' +5 . - ' .1 ,1 + -' 04 0' - 1*0*6 + - ' +. 1* 2+8'.5+4'5 .0, 5 60 - ',6
' # ' . - 5"0' + ' , .0, + - ' <+ : 0*0 - ' : ."+0 + *6 '
&" ' 7 '$ %(' 6. - 0* ' :0' 0/ 6+ - ' :0 6+8' ;0' 3+14 ' 40 6 *.6 8' ." 1' : 2+8 '
.+/ " .'5 1 - ". ' + - - 660 0' *1*' 51 %06 ' 06'.4' . - . - '50 6 *0 0' 0/ 6 - . 06' *0' 0.' 0/ '
504 6 1' *0',15 8' + 8' , 50 06+ ' + +8.5+4' (02. 6 .*+ - '09 6' +6' ! " ' ""+4'
.4' ." 3+54' 60 - 5+8' 1 - 660 06'< *' 0. - 3+0' 0 - '$7 " 55 ? '+ %+ - !) ' ,+ ' - + - - '
6 2+0 0' , 02.6' (02. 6 .*+ - '4 " 90*60 ' .4' 0+ - ' , 5 6' 4 " ,+ 6.6 2+8 0 '5 151 6 '
. , ' 55 6 0 - 1' -)%+8' .4' 5 + *' A1 .' 0 4. 04 *.04+/ ' : '5 - . . , ' *12 " 6.6 8' '
5$'4 * 6. 6 8' 3+ ' 0+ - ' .' 5 1 04 1*0' 4071 6. 06+ '06' .' 5 1 - 8' .+/ " 8' 0' 0/ , +" 06' c
0.' - - 0' .6 1*0 ' 3+14 ' 5 .060 3+. - ' 3+14 ' 20""1' 0 - 0" *' 0"9 1' . , ,0* 1 ' 3+14'
5. , .6+ - ' ,+ - ' .+/ " .'5 1 - 0 .6' 02.6+ ' 6.*6+ - '40%+ ,1 + - ' *' 6." . .' 40 ,0* '
1" 46+8 ' - .9* /' 2 '06' *609 8' ; 2+8' .4' ""+4' 15+8' ,"%06' ." +4' 5 .060 0.' 50 ,+"+ - '
+20 .6' *0 ' *+50 ' ,1* ;0*6 8' ,+ - ' - + .670' .4' 20""+ - '$0 ,) - ' '5. .*6,' *4+4 '
+, ' ' . - .' *' , . - ' 6 .*8 0 0*6+ ' %+ , ' 0.8' : 1". ' , .+". 0*6+ ' 3+ 55,'
- + .67 8' 1040 - 1' . ,'6 2+6. ;'5 *, 5 '20""1' ,1*6 .' 5 .4. ' "".61 ' %+ *' 3+ 4' ,+6*'
0" ,1' 09 06' 1 60*402.6' 3+0 *' .2,) "+C." .0 . 0.0' 5 1 +"6.*1' 1" , 6.6+ - ' 06' " '
60 8' - + .67 8' *; 6.6+ - '36', ,66 +* 8' ,15 8' ' .*+ - ' .99 040 0*6+ ' .2' 01' ,1* '
" 1' 1 - * *1' 4 - 5: 06' ,+ - ' 4 ,0 06' 4 5 '<+/6.' 50 ,+"1 + - ' . ,' 4. - *1 + - ' 1 0 '
' *1*4+ - ' - .6 8' *' *1 :1' - 50 1' 02+8 ' *' ." 0*1' 3+.0 0*41' : 0 8' 1, ,+5. 06' 06'
"1*90' .2' 41 - 1' .20 "0' ,190 06+ ') "0 - 50 'J0 ".* 8' 09 2+8' %+ ,1 + - ' : , * . - ' 06' . - ' '
56 . 5' + 504. - ' + " 5' 3+18'5 ; - ' 5160*6 .0' .0' .63+, ' .401' : 6.0' * 4 . ' *0, ' L
5 0' 9*1 06' 7 8' .6 5* 2+8' 3+ 2+8' .+ + - ' .' ,1*<+*90*4 8' ,+ - ') "+C." ' ,1*< " 8'
4,60 +0 6' .6 8' .4' 5 .0 ,*8' ,1* 04+ - ' : 40 ' . ,' ,1 - - 14 +8' 60 - 5+8' 1550 0*4+ - '
0 "0 '3+1' - + .6708 ' :0 8' *' 1 0*60 - ' . - 8 '20""1 3+14' - .9* .0' - 1" 8' 06' - +"61 + - '
.**1 + - ,+ - ' .0 - +"1' 5160*6 .0' .0' 5 *, 50'<. - <. - ' *,71.6+ +8' 6' 1, ,+5.6+8' *'
5, , 40*60 - ?: 0 8' 0:1, . 0' *03+0.6' 6) 5,'0* - ' 0 '20""1' *' 0"9 1'3+14' 2 0: ' 50 06'
5.6 .65 ' : . ,++ - '06' 40'%+ ,1' , ,+ + - '616.8' : 0 8' ,+ - ' 5 1' ,1* +* 6+ + - ' 0/ 9+13+0'
50916 1' ,1* 04+ + - '3+14 ' 4 : 8' : 2+8 '06' *1*4+ - %+ , 8' 20""1' $0 ,1' 1, ,+5.6 8'
5 6 .' - .* , 6+ - '4 , .0*' 6,*6. ' *1*' 51" 6' 6.3+0' 06', . : "0' 0' *' 5.*9 *4 8' ,+ - '
%+ ,1' 6 0**." 2+8' *4+, 8' 4 ,02.6' +6' 5"0' (02. 6 .*+8' ,1 - 5 07,*40 06+ ' 1*6 .'
(02. 6 .*+8 ' 1 - * 8' - 1 .0' - 5.6 0*8 ' 06' 3+ ' + 504.' . : +*, +" ' 3+.*6+ - : 8' ."+6. .'
6*1* 6.' 7.20 06' 4 5+6.2.6' = 06' '0/504 6 1' . - 5" +8' 4 06 06+ '1 66*0 - '5 1,+"4+2 1'
, . - '50 ' *4+, . + - '60 - 5+8' %+ , 8 - 5"06+ - <+ ' 06' 3+14' *+*, 12+ 5 1 " 9.6.'
. , "0' 0 6' 5 1 +8' *0/5+9* .2 "0' +6+ + - ' - +"6 8' 06' .4' 5 .0,058' 40 40 + - ' ++ - ' . , '
,1 - - 14.6 8' .6 1* 2+8' 40 - 1* 6 .2.6' %. *40 - '40, 06.'5 1 04 1 ' 6 1' + - - .0' 0 '
+ - 5 . , 041' +41: ,1' U 60 4.' 20"" , .0' 0 ' 50 6 .' *60 ' +18' ,". 1 ' 04 , +<+8 * '
46 6 . - ' 0/ ' 4+ - ' ,+*4.' 50 ' 0' .4 - * 6 . 0' .6.9 6' 06' "0. 1: .' 0' ." 0* 8' 06' +5 .'
, .56+ - ' *0916 8' - 5260*6 '. 19.*6 .' * - ,06 ' *+6 "0 - ' 5 1 +8' 044 40 +*6 ' 6.B
3+0' ""0 ' 3+ ' 71*1 0 - '40".6+ - '+6 + 3+0' :0' - 5 +40*6 .' :0' +50 2 .' *' 4040, +8' 0 6 '
0/ 6 + - ' 2 ' :0 + + - ' *60"" 90 06' 51*60' 0'5 .0 04+ .6.*3+. - ' - 5. ' .24 , . : 6' 06'
5 1 0/' *' *4 . - '40 6 *.6+8' 0 6' + ,' +* ' +, ,0*6+ .6' 4+1' ' (" 4. ,+8' (1 . ' 3+ '
, . " '06' 7 7 61571 +8%. :1 .7 55. ,7+8 ' 3+ ' *12 " 6.6 ' 06' ." 8' 3+ ' 51*60' 06 . +'
0 1*9 *3+1' 5 1 04 7+ ,' - " 6 .0' *1 - 0*' 4040 .*6' ,) - ' - *.1' - 50 1' 5 .00 60* '
20"" ' 06' 5 ' +408 ' 04' . :1 0 ' +6' *' " .' .+".' 0 0' 02.6' *1*' - 0 6 8' .4' + 7 - 18' 71 '
' *1 080 :04 ' + - ' :061' 0/' 03+ 6.6+' 0' - 5. 0 - ' 1*6 .' 71 60 - ' 7. ,' - ./ *0?5. 60'
5 .05160*60 - ' , 06' *' 504 6.6+ ' 3+1' .+ ' . * - 0' : ."0*6 ' +6' 40 04+ - ' 0+ - ' 50* ' '
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1 - * . 5 .0 02. "6 02+8 R. .6,+*3+0.4 5 1 0 6 1*0 - ,1 - 5. .6 8 5 1/ - . 40
09* .4 - 6 .6 1*0 090 .2 0*60 ,+ . + 6< 3+.0 5 - + - 40".6. 0* ,2 ,. 4 *."
5.6 +1 ,+ - ""0 0 106. - .06.60 - ,.+ .6+8 0 0/,+". ",6 3+.6+1 : 8 ,1 - - . 0 6
A +0 0 E01 9 +8 # " - 0 4. 2 " " 51*.0 . ,7 05 06 +8 $06 +8 ",. 1:. J .*, ,+8
U(.4. 06A1. - 08 2 . ,. 09*. 3+ : ,0 09 . .66 2+61? 06 . - 9 ""1 * 09*1 +*
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0,+6+ . - 04 .4402.6 0/504 0 *, 0/ 5"0 :0* 06 *. - 3<+8 5 .0 0*6 . .+ 18
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5 *, 5 8 :0* .*6 018 * 1 , 1 ,6 40 06 *0.6 .0 (02. 6 .*+8 6. . .7. - 060
4 4. *60 5 06.2.6+ 3+. :0 0 36+ ""0 *0 : 4 1 . 40 0" ,1 5. 6. 5 0 2 09 . .
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- +" - .2.6+ ,6 * +".* - .<1 + - 0" 9 1* .44 4 V 0 - 1* .0 ,1 - 60 06A1.**0
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71 6.6+8 0 6 +"6 1 06 . - $7 " 551 .4 6. * ".+4.2 "0 - 0/504 6 1*0 - *: 6.61 3+ 6.
- 0* .*6 3 + - *9" ,.0 ,6 + 9) *4 ,., 41 - +8 104+8 0:0 6+8 *1* .+ +8 0 6 5.
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+ - 56+8 * 6 50*4 . +2 - * 6 . 06 6.3+0 *?) - 2 . ,1* 0 56 "1, , , 60 50
4 608 4+ 61 0%72 - . : (6+,"0 1 *9"1 3+ 5.+"1 .*60 - . ,7 1* 8 .90* .0 6
6+"1 . 51*6 ,0 * 9* 6+8 +0 .6 U40 3+1 * +50 1 2+8 .4 .**+ - 4 / - +8
3+0 *.: E0*+0* - 51 6 +2 4 60 - 5+8 " 51*. - .55+"0 +*6< +2 0/ ,0* 1
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5"+ -ʻ.4 6ʻ', ʻ51 6ʻ 2"0 - * ʻ - 1 0ʻ,1*"0, .6+ -ʻ5 .061 + -ʻ:0/ ""+ -ʻ,6ʻ *ʻ - .*+8ʻ + ʻ
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6.ʻ.4ʻ141ʻ4 08ʻ,1* 60 0ʻ,1.4+8ʻ4+ -ʻ,060 ʻ.4ʻ5 1 04 1*0 -ʻ%0 - 50ʻ.*60.ʻ *,0 6. -ʻ
0ʻ * 6 ++*6ʻ %.*40 -ʻ51 6 4 0 0 6ʻ A1.** 8ʻ5 1"50Z -ʻ:0*6+ - *.4+8ʻ ,+ -ʻ616.ʻ
,". 0ʻ 1": 6ʻ 0" 41ʻ 09*1ʻ50,+* .ʻ0/7.+ 61ʻ06ʻ*12 "6. 0ʻ:.,+1ʻ" *0ʻ 70 040ʻ*0,ʻ .6 8ʻ
Ł.03+ 8ʻ ,<+8ʻ .4 - * 6 .61 2+8ʻ ". 8ʻ1 - * *1ʻ,1* 6.2.6ʻ:ʻ6 0 - 2+8ʻ *.: 2+8ʻ. ʻ
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51 6.2.*6+ ʻ "ʻ0 .*6 /ʻ, 2ʻ + 6.*1 + - ʻ ʻ 5.* ʻ " 1* 1ʻU "9 " . 1ʻ4+,,ʻ
ʻ ʻE0 - .*ʻ 06ʻ ʻ 6." ʻ ,+ -ʻ * .9*1ʻ *12 "6.6 8ʻ *+ - 0 1ʻ 3+.0ʻ 51*60ʻ.,ʻ +8ʻ
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5 .0 4 . 8ʻ ,.* 8ʻ3+ 2+8ʻ5 .00 .6ʻ E01 9 +8 .*,. 6 +8ʻ :0 ʻ4+/ʻ' 5 .060 0.ʻ
ʻ ʻ ʻ1 @ + -ʻ,+ -ʻ/ ʻ61 - 0*6 8ʻ3+1 + -ʻ,+ .ʻ40 - .*4.6.ʻ$06 1ʻ0 0 3+ .0ʻ03+ 6ʻ
0" 60*"6ʻ + -ʻ 090ʻ0/ʻ5 1,0 2+8ʻ5 1 04ʻ +*6ʻ *61* +8ʻʻ .6ʻ5 1ʻ +41: ,ʻ
5.6* ʻ "+8ʻ 9%70141" +(ʻ141ʻ.**1 + -ʻ5+, ʻ .,.*6 .0ʻ 4+, 8ʻ "+8ʻ 06ʻ ʻ<.,12+8ʻ
0<+8ʻ5.6 ++8ʻ 4:. 4+8ʻ 0*0 08ʻ ʻ%. 1,.0ʻ ,1 - 08ʻ 3+ʻ,. 6 1 + -ʻ5 .0 04ʻ - +*0 ,ʻ
+*902.6+ ʻJ0 4 *.*4+8ʻʻ ."2 0* 8 . 6 ʻ "2* +8ʻ $1 6+9.""+8ʻ& - 1 6ʻ *61* +8ʻ
V& . 6 0*" (ʻ 1*6 8? .*4 ʻJ0 4 *.*4+8ʻV 1 19*. *. ʻ]ʻ 1* +8ʻ ":. - 8ʻ ,"1ʻ
%0*6 9+0" 8ʻ,+ -ʻ 140 ,1ʻ "1ʻ "1* +8ʻ 1 19*.ʻ?ʻ .0 ʻ&. 0+8ʻ ʻE. - .ʻ& 4 ʻ
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09+"+8ʻA1.**08ʻIʻ(":.ʻ . "0""0* 8ʻ$7 "55ʻ1 .61 ʻ +41: ,+8ʻ\ʻ(":.ʻ + 6.*+8ʻ,6ʻ
A1.**08ʻ(":.ʻ,1 - 6 8ʻ ʻ(1 60 .0ʻ "+8ʻ - - .*+0"ʻ? 0*0 08ʻ 1* - 2 ,.0ʻ06ʻ;ʻ .8ʻ
(":.ʻ$1 6+8ʻ 05 015 ʻ 10 6.ʻ,". 8ʻ *ʻ4 00 "+ʻ+2 3+0ʻ ., 08ʻ06ʻ*0 - 1ʻ 40 0ʻ : +8ʻ
+ 6ʻ,+*4 86 6ʻ "0*6 1ʻ40 / 8ʻ,+ -ʻ:+"97ʻ,1*6 .ʻ0:0* 0ʻ 1"0.6ʻ+6ʻ3+ʻ.4ʻ0<+ - 14ʻ
0/504 6 1*08ʻ4+,+*6+ ʻ50ʻ". 4: . -ʻ".0618ʻ ,". - 1 08ʻ *90 - *0*6ʻ +"6.ʻ06ʻ - ."ʻ
ʻ.+9+ ʻ 9*.ʻ12 0 :.6.ʻ . -ʻ5 .061 .ʻ4+ -ʻ, ,+ - .9 6+ ʻ.0 6+ʻ.2 056.ʻ *ʻJ".*4 ʻ
,. - *.:0 - 1 6 + - .509 6.,,1* 09 6ʻ 6ʻ+*+8ʻ0/ʻ *.: ,+". 8ʻ - 5 +40*6 .ʻ61 ʻ
ʻ - 0*6. ʻ4+ʻ - .,7 *.0ʻ4 00 56+8ʻ0 6ʻ *ʻ? "9. 2 8ʻ5 - 0ʻ,". 8ʻ.4ʻ60 . -ʻ.55+"6ʻ
2 3+0"09 1*0 -ʻJ .*, 0ʻ%.:1 .0ʻ **.:0 8ʻ.,,05 6ʻ06ʻ." 3+16ʻ 5.*18ʻ *40ʻ E. ʻ
40 8ʻ :0* 6<ʻ +2ʻ12: + -ʻ7.2+ 6ʻ "1* + -ʻ$0 0 + -ʻE+ - .*+ -ʻ 04 *.0ʻ (41* .0ʻ
4500 - ʻ3+ʻ 090 -ʻ<5"0* 8ʻ:0" 8ʻ *ʻ0/ 6 + -ʻ +0*60 -ʻ *7 20 0ʻ + 6 .ʻ,1*.6+8ʻ51 63+. -ʻ
,+ -ʻ - .9* ,0ʻ0/,056+ -ʻ06ʻ6.+ 1 + -ʻ ,0 6. - * 2+8ʻ." 3+0ʻ 504.,+"8ʻ3+1 + -ʻ *ʻ
0.ʻ60 "ʻ * +".ʻ,15 .ʻ + 6ʻ."3+.*4 +ʻ4 6 *+ 6ʻ:0 8ʻ".,7 - 8ʻ3+.*41ʻ .+ 6 8ʻ.,,".ʻ
- .6 1* 2+8ʻ - ."0ʻ5 .0 .9.ʻ - 0*60ʻ*1*ʻ5160 .6ʻ .4ʻ0/6 0 - + -ʻ.20+*60 -ʻ5 1 0,+6+8ʻ
0 6ʻ .: 9.6 1*0ʻ :0 +8ʻ ,. -ʻ4 04.ʻ 0/ʻ,+ -ʻ:ʻ6 0 - 2+8ʻ 01 -ʻ.ʻ 0" 36 .ʻ
,". 6,ʻ / *9 -ʻ60*4 6ʻ+*40ʻ - "2 .7. - 06 8ʻ4+140,0**ʻ "1ʻU .C.91*0 -ʻ50ʻ
40 6 ʻ6 *0 0ʻ,+ -ʻ . 6 *1 1 0.ʻ(":0* 5 1 , 0 6+ ʻ 02,"".6+ 8 +6ʻ 50 .2.6+ ʻ
,1*6 .UU 0" ,+ -ʻ . - 85 .0 0*6 .ʻ +.ʻ. .18ʻ .4+ +8ʻ'2 &ʻ% *9ʻ*1:1ʻ5 .0 4 1
ʻ ʻ I - .6.

ʻ ʻ% $ ʻ ʻ- $ʻ ʻ ʻ- / ʻ ʻ -, $ʻ ʻ * #
ʻ #$ ṅA / 2ʻ ʻ ʻ)2ʻ)ʻ ʻ ʻ? ! $ Gʻ' *)ʻ ʻ; # $ R ?. $
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% ! # 2ʻ "#ʻ ʻ ! 6$ K% ! ! ʻ - , 6ʻ ʻ J ; # ʻ "#ʻ ʻ. !# $ ʻ ʻ 2 #
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$ 2 2 !))ʻ , * ʻ ʻ " $ ʻ-)ʻ ʻ ,4ʻ , * ʻʻ ʻ; # Iʻ)ʻ -)
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-.6.ʿ.4ʿ ,". "0-ʿ 04 6ʿ 06ʿ .,0561ʿ 5 2ʿ .7.-060ʿ 06ʿ ".,,,ʿ ,"155,6. +8ʿ3+18ʿ " &
0,+-ʿ 7.2,2.6ʿ C"". -ʿ :0* 6ʿʿ +2 ʿ0/ 60* 1*0ʿ .4.ʿ3+14ʿ ,". " 8ʿ .3+.0ʿ 50*+ .ʿ ' # ʿ !
".21 . 0 ʿ *,0 6 8ʿ,1* " 8ʿ*0,ʿ .6 8ʿ:."4 8ʿ -50 8 ʿ - "08ʿ" ,0*6 .0ʿ. "+06+8ʿ 0 +8ʿ*.:08
,1* ,0*4 6ʿ ,6ʿ //&ʿ4 , +-ʿ3+ʿ -+*0*4 8ʿ *ʿ -. 8ʿ" 61 0ʿ,. 6 8ʿ *+6 " 60ʿ,1* +-56
+*6ʿ -1 .ʿ 1,,. 1*0-ʿ -+"6. +-ʿ 0 +-ʿ5.6 .*4. +-ʿ.- 6ʿ .-ʿʿ . ., .0ʿ 06
% 6+.*ʿ5 .0 "4 .4ʿ 06ʿ155 4.*ʿ40ʿ"1, 8ʿ40 0 0*4 8ʿ,19 6.2.*6ʿ 06ʿ<. -ʿ.4ʿ -5*608ʿ:
, *18ʿ50 +9 +-ʿ,+-ʿ . - " 8ʿ5. .:0 .*6ʿ,+-ʿ *60 -ʿ 0" ,+8ʿ.4ʿ018ʿ - 66 6ʿ< 06ʿ2 0:
+- - 660*4ʿ.+/ "ʿ 50ʿ .4.ʿ5 -+-ʿ60 1 0-ʿ4 5+"6ʿ 5 0ʿʿ . 1,71ʿ5 1 04+8
,ʿ(+ .-ʿ:0* 6ʿ06ʿ50ʿ2ʿ .41:.*+-ʿ + 6.*+-ʿ3+ʿ ., .ʿ 7 6 .*.ʿ0<0 .:0 .6ʿ5 -.
+-ʿ - * 6 +-ʿ,+*4.ʿ.4ʿ70" +-ʿ5. . ʿ<+206ʿ60*61 8ʿ.4ʿ :ʿ, 1ʿ0 04 8ʿ 0" 413+0
. 1,7ʿ .41:.*1ʿ3+ʿ,+5ʿ +- -1ʿ -50 1ʿ50ʿ .2 0*6 . -ʿ +. -ʿ5 .00 "06ʿ,19* 61
(02. 6 .*+-ʿ<. -ʿ0/ ,0* 1*0-ʿ 0, "0ʿ" - 60-ʿ:0 +8ʿ5 19 04 6+ʿ,+-ʿ/ :ʿ, 1ʿ0/
504 61 +-ʿ03+ 6+-ʿ *ʿ, 1ʿ ,"15506. 1 + ʿ5. 6 -ʿ03+ 6+-ʿ5. 6 -ʿ504 6+-ʿ3+
-./ -.-ʿ5. 60-ʿ0ʿD .06 ,.ʿ0 .*6ʿ:.413+0ʿ6 .* - "2ʿ . -1 0ʿ "+: 1ʿ2.+4ʿ 2*9,
.2ʿ C"".ʿ 2ʿ,1-5. .61ʿ0/ʿ . 1,71ʿ-06.""1ʿ61 -0*6.ʿ :ʿ,1* ".: 6ʿ 0 *ʿʿ ",.
C. +-ʿ:0 +8ʿ60*4 6ʿ 06ʿ,+-ʿ.4ʿ7+*4 *.8ʿ A1: ."0 8ʿ3+.8ʿ:+"91ʿ4 ,+*6ʿ :ʿ 1*
G+ *6"ʿ :0* "%06ʿ12: +-ʿ . -060-ʿ .6 0-ʿ7.2+ 6ʿ J0"%.* 09*ʿ5 .0 40-ʿ,+-ʿ
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."+6.6 1*08ʿ ,15 .0ʿ5 19 04ʿ<+ ".0ʿ 0" ,+8ʿ<. -ʿ.*60ʿ9 .:ʿ 02 0ʿ3+. -ʿ, 02 ʿ:1ʿ
-6+8ʿ ,1* 0,+6ʿ0 .*6ʿ60*6.6+(<ʿ .47+,ʿ * -+8ʿ "04 ,.ʿ:0702.6+ ʿ *0,ʿ5 1 *40ʿ 2ʿ
"6.ʿ51-5.ʿ71 5 6 +-ʿ *9 04ʿ516+ 6ʿ3+. -ʿ,0 0-1* . -ʿ . -06ʿ6 .*", 5" 6ʿ0+ *ʿ
3+0ʿ-1/ʿ"+2 0,+6+8ʿ0 6ʿ *40ʿ - ""ʿ .C.91*0-ʿ:0 +8ʿ2 8ʿ - ""0ʿ,3+ 608ʿ3+ʿ 020"".ʿ
6+ 18ʿ.2ʿ0.ʿ5. 60ʿ515+"18ʿ *ʿ1 , 1ʿ,1*6 *0 0*6ʿ616 40-ʿ06ʿ . ., . -ʿ06# 9+0 ʿ5 1ʿ
-1*61 +-ʿ- ʿ3+ʿ,19* 61ʿ 7 6 .*18ʿ.4ʿ C"". -ʿ,. 6 .ʿ -+* : "0ʿ 6.6 -ʿ.4ʿ
0" ,+-ʿ 0:0 ʿ +*6ʿ 0" ,+8ʿ3+.*3+. -ʿ0/ʿ -1 21ʿ * -+8 ʿ3+1ʿ0 .6ʿ *6 05 41ʿ.4ʿ
,+* ʿ.* -1ʿ50ʿ0/0 0 6+-ʿ04 , ʿ<+206ʿ+6ʿ3+ʿ - *+8ʿ20*0ʿ0 9.ʿ 0ʿ. J04ʿ0 "0*6ʿ 8ʿ
" 20 +-ʿ0 "06ʿ.4ʿ .7. -060-ʿ,1*6 *+1ʿ6 .*" 0ʿ G+14ʿ*1*ʿ6. -ʿ,1*60-5-ʿ71 6 8ʿ .ʿ
, 02.6ʿ3+. -ʿ3+14ʿ:0 0 06+ ʿ*0ʿ50 ,+"1" 1 0ʿ60-51 0ʿ 5ʿ5+9*.ʿ 5 .ʿ40 , 0*608ʿ: 41ʿ
.-ʿ3+. -ʿ: 6+6 8ʿ 4+, .ʿ 06+8ʿ 50 .2.6ʿ""2ʿ0 50 0*6ʿ013+0ʿ,1*" " 1ʿ *ʿ, 1ʿ03+ ʿ
6+-ʿ0/ʿ 8ʿ3+18ʿ + 50418ʿ7.202.6 ʿ 0" 9 6ʿ 06ʿ5 .0,+ , 0ʿ *ʿ71 60-ʿ<+206ʿ,1- -1ʿ
4 6.60ʿ 8ʿ,1*,0 ". ʿ+6ʿ"ʿ:0""0*6ʿ6+61ʿ .4ʿ71 60-ʿ6 .*8 +90 0*6ʿ 3+14ʿ0ʿ ,1*6 . 08ʿ
3+. -ʿ 02.6+ ʿ0:0*6+ʿ *ʿ21*+-ʿ:0 6 6ʿ . -ʿ "" ʿ3+.ʿ -0*60ʿ 4ʿ 0" ,+8ʿ .,0 06ʿ< 9ʿ
*. ʿ,+-ʿ 0ʿ,1*6 .ʿ71 60 8ʿ5 .0- 66ʿ: 40 0*6ʿ 4ʿ.4ʿ 40ʿ40ʿ 0ʿ.ʿE70 1ʿ,1*,056.,ʿ
4+, . -ʿ 0 0 0*608ʿ3+ʿ40ʿ40 04 1*0ʿ.*60.ʿ,19 6.2.*6ʿ 6.6 -ʿ -+6.:0 0ʿ06ʿ 0ʿ-./ -0ʿ
" 418ʿ6161ʿ ""1ʿ60-51 0ʿ5 .02+0 0ʿ'5.+, 3+0ʿ.4ʿ .7. -060-ʿ6 .* 0 0ʿ /,+ "1* 2+8ʿ
.+ 1- -ʿ5 -1ʿ60 6ʿ*1 6 ʿ3+.*3+. -ʿ .7. -0608ʿ3+ʿ0/6 .ʿ:.""+ -ʿ71 5 6 +-ʿ
7.202.6? .6 1* 8ʿ5+9*.*4ʿ01 +-ʿ9*. +8ʿ,1*6 . 8ʿ0/,+ " 1* 2+8ʿ018ʿ3+.*6+-ʿ51ʿ
60 .6ʿ 0 .0*. 06ʿ< -+"6 3+0ʿ.4ʿ,". "0-ʿ: , *. -ʿ 0* -ʿ 0ʿ 045 02.*6 ʿ%.*40-ʿ,+-ʿ
ʿ0/ʿ 70 .* 8ʿ5 15 +8ʿ *,+ "%0*6ʿ 0/ʿ 5 0ʿ.4ʿ5+9*. -ʿ0/ : 6ʿ516 +8ʿ - " 6 8ʿ0/ʿ,1ʿ
9"1 . -ʿ.+,+5.6+8ʿ 3+. -ʿ" - -ʿ4+, 8ʿ*04+-ʿ5 *, 5 81 , 1ʿ40 +*4+8ʿ 05+"" 3+,ʿ
.+ ʿ06ʿ *ʿ +9. -ʿ,+-ʿ4. -*1ʿ:0 "ʿ +*6ʿ *60 0.ʿ 0" ,+8ʿ6 .*8ʿ ",.C. +-ʿ 0ʿ,. 6 8ʿ
,1*6 *02.6ʿ,15 .8ʿ*1:.8ʿ0/ʿ% 6+.*1ʿ 06ʿS 0,7 *.ʿ1550 0*8ʿ3+.0ʿ"+2ʿ 4ʿ.4:0*0 0ʿc
060 +-ʿ40ʿ *1 6 1 +-ʿ,1* " 8ʿ *,0 6+8ʿ<3+18ʿ"ʿ60 .ʿ.4ʿ 0ʿ:0* 0*6ʿ3+14ʿ -./ -0ʿ
0/156.2.6ʿ.*603+. -3+ 43+. -ʿ60*6. 0*6ʿ,1*6 *+1ʿ.99 0"%+ +8ʿ0 .6ʿ+"6 -+-ʿ.9-0*ʿ
,. 50*41ʿ06ʿ40: 6.6.ʿ%0-50ʿ+* :0 ʿ5 10" ʿ * 00 6.: 41 .0ʿ 508ʿ 0"%06ʿ."0. ʿ ,+-ʿ
:0 1ʿ -+"6+-ʿ6 *0 8ʿ5 1,0" "%0*6ʿ 8ʿ.4ʿ -. 0ʿ06ʿ,". "0-ʿ 04 6+- *60 ,"+40 0 6.6+0 .6

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%. 0 ; 0 $ʿ f # / 2ʿ. # !$ 2 $ 7 $ 20 , !ʿ I-!" # $ 2 "#ʿ+
#-3 $? ʿ(# ʿ <ʿ9 ! ʿ ,0ʿ4 6ʿ 1*0 6.91ʿ - ʿ ʿ- $ 2 ! &
ʿ ʿ @ B

"2" & "06 6. ,+ - 1 - * 0 + - 50*+ . 01* " 4. 60 8 .4 *60 *0, 1*0 - , 6 . ,0 6. - * 8 50
' # " ,+"+ - 40"0 0 0" , : 160 5 .0, ,58 (02. 6 .* - 5 +40*6 . 0 51*4 6 . . .4. - 5,
- . 0 0) *4+* 5 +40*6/1 08 +.402.*6 1*6 . " 1* + $1 6+9.""+8 & - 1 ,1 - 08
+ - - +8 .4+".) 4 . 6 0/ 3+ 22 .**1*. .."0 .*60 3+.4 0** + - *
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6 .6. - 9 .6 .0/, 40 .6 06 , 02.6 50 60 . - 60 + , 50 06+ 1 0 +6 0., 0 - 50*+B
. 2 0: 0/0 , 6+8 ".21 . 06 0/ 023+0 5 +8 .0 - +" 3+ 2+8 7+<+8 0 ,+ . 40 - .*4. .
0 .6 * 09 8 1 0* 1*0 - *,+ 0 0*6 01 - .9 8 090 - *,0*402. ,6.4 40,+8 ., .
- . - 50 6 *0 0 40 - 1* 6 .2.6 +6 0 - 0" 0/ ,0* 1*0 .4. 516 +8 60 . 7 " .* *
,040 0*6 3+. - ,". 0 - 05060 0*6 * . - 3+14 ,1 - - 14 6.60 . ,0 0*6 4 +9., .2
71 60 .66 2+6+ - 1*6 . +41: ,+8 ("&. 4 " 0 02.6 06 6+6. 50, 1 8 ,1* " .
5 .0 0 0*4. ,0* 02.6 50 - . 0 6+6+ - 0 "0 60 06 ,1 - 50*4 1 + - 0/ ,0* + - 3+0 .
, "0 - 50 60 . - ,1*6 . 50 ,+"1 + - +2 *0, 40 71 60 ,19*1 , 06 "1*9, . ,". 60 "
71 " 8 . 60 91 *,+2+0 6 + - - 8 4 ,+"6.6 2+8 - "08 6 ,1* " 4.6+ +8 4402.6
*60 . ., . - :0 1" * . - 06 0/0 , 6+ - "+: + - ,19*2 - *0 - 714 0 +,+ -
*60 <.,0 0 * ,+<) 8 * 6 . 5. 155 4+ - 6+ - 0 6 6.3+0 *1* +55060*60 51*60 .+6
.: 9 8 3+ 2+8 "+: +8 6 . 51 " 6 1*60 . :0 +8 *6 . 60 . - "1*90 . ,". "0 : .4+ -
3+., 0*4 5 0" 4. 3+.0 g0,+8 " 6+8 4+, 6 : . 06 :0 1 - "0 0 * 6 .* 6+ + -
- . - 4 ,+"6.60 - +6+ . - 4 51 6 8 .2 71 60 :." 4 8 6.6 1* 2+8 $ 40*6 2+8 ("
:.0 06 & - 1 0*60*6 8 - 04 . 5 155 6. 0 6 +6 50 60 . - .4 40/ .* 04 0,+8 " 6+8
*,040 06+ ,. 8 .4 ".0:. - ,1""1,.6 8 6. +6 0140 - 60 - 51 0 3+1 0/0 , 6+8 .4 "+:
.+,08 50 :0* 06 06 ,". " 8 0 - 50 * ,1*"504+ +6+ . ""+, .550""0 06 ,+<+8 150
- "08 * +"60 1 0 - 5. - 6 .* 51 6. 3+0.6 &0 + - 0/ . - 2 6 1 0 :.*+8 3+ . + 8
,1*"5 , 065.60*6 2+8 ,. - 5 8 : 0 8 06 12+ ,1 51 8 1 60*6. 0 9.+40 06 50 60 . -
60 .,0 0 0"09 6 - +"6+ - 05+9*.*60 .7. - 060 06 0 1 08 * 20""1 ,1 9 *1* 51 "0
*,". - .*60< 3+ ,+ - * 6 1 :0 0 06+ *0 (,2.).*+8 .+/ " 1 :0* 0*8 09*+ - 0
,056+ - 2 0 50 06 6+ * :0 1 ,1* +". ., 50 6+ 2.6. 1 - * . * 0/0 , 6+ ,0 - 0*6 40
: 41 . 1 - * *1 ., ."+60 5 15 . 40 50 . 0 ,105 6 9 6+ 4.6+ - *0916 + - 4.,.
(1 .0 +6 ,+ - ,". %0 . ., . - 5060 06 2 3+0 +18 1550 06+ 0/ ",.C. + - :0 B
+8 +2 51*60 "+: +8 6 .* * 6602.6+ 60*4 6< 06 5 - 8 ,. "/ 8 * .2 C). "0+, 8
,1* 04 6 ."60 "3+0 .4 , 0*0 . - 71 6 + - 7.2+ 6 +2 J .*, ",+8 "4.*. .4 0+ -
:0* 9."0. - 06 5."+4. - 0*6+ - 3+ 2+8 . 1"+8 : 17 - *4+6+8 %+*060 - : 4 ,
51 - 5. *9 0 "+8 +0 .6 ,+ -) 60 8 .2 "2.*1 .4 0 0*8 3+ 2+8 - +*0 2+8 .,,056 8
.4 * .* . - 0/+"6.: 6 (02. 6 .*+8 5. 08 6 + - 570 2 * J0 ".0 06 . 1,7 *9 0 ")
.63+0 .401 616 +8 ,.0 - 50 +*. g51*40*8

! 6 "4.*.0 1* " 1 3+ 506 6. . $7 7551 :07 . +6 40 +50 1 .**1 4.6.0
.6 8 .,0 06 0 :0* "0 4 ,02. 51""0. 71 5 6 . - .9 8 ,.+60 + - 56. %0 6 8 0 3+. 6 8
,. 6 8 ,+ - ,1"" 0 8 :+ 91 4.*.0 ,.5 6. 4 41(06 . ,. *+ - 0 - 0* 0 "0*6 0
3+0*6 4 0 8 +,.C0*+ - "+: + - 3+ 5.+"1 * 0 +8 * %. - * " :.41 6 .* :0 0<
06 , 6 . :+"+ - ; 3+ 0/ 5."+4 2+8 , ,. ",.C. 3+ 2 + - *. 0 6+ ,. 6 . - 06.6 + * 6<
,+ - *60 0. 0" ,+8 :. 8 ,1*,". - .6 8 .4 ",.C. + - : 1* (0/6 ,. 6 . 6 .* 6+
" %06 06 51 6 4 0 .4 51*60 - 3+0 * *1 " 3+.0 02.*6 :0* "06 3+1 +50 .61 *" 6
61 0 5 1/ - 1 71 5 6 + - 2 - 5 6 40 ,0 6. - *0 * 7 " 4+ - ,19 .*8 3+14 : . *60
51 6. ,1"" 2+8 06 , 02 8 ," : 8 4 6 *4. 06 5 1 *40.403+ 6.6+ - ,/5" ,.*4+ - *,1 -
- 14. 0" 06 (04 ,+ - 7 6 .*18 * 5 15 *3+1 0 "0 ,19*2& 06 <. - 0 1 0 - .9
. - 8 3+. - : 8 40"50 .6. <. - ."+60 0"%06 ., 5.+,18 4 08 g+506 +6+ +8, 040 0 - .
- 060 - .6 0 - ,:1,.6 06 3+. 0 .6 *9 * " 20 6.60 ., 4+, . 5 + - ,1 - 50"".6< 06
" ,06 <+4 , 1 +1 *4 9*+ - 06 - 5. 0 - .* * 8 06 : 6+60 ,+ 6.*6+ - 1*+8 " " #2
60 06 6. - 0* 3+ . .60 0 .6 03+ 6.6+ +* ;0 1 5 .0 , 6 *0,0"" 6.60 - 51 6. +6 ,+ -

% ; $ #5 . 5 , 2 4% ' L % .
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G 5' ' '('np

01'5+9*. 06': *,0 063+0'.+6' - 1 0 06+ '06' '3+ 4' 9*.: .'50,,. 06',0 6. *'50 * , 0 - ' & '
:0" .60 * 8' * .* 2+8' 6 .*9+".*4+8'.' ,'0/"5,4. 06' 5 0'60*61 1'04+ 6+8'06' 04 , .0' ' # ' '
- 51 6+8' 1 4 *08' , +R' ,6'5 - . ' ,0*6+ 1* 8' 1 , 1' +*90*8'., 08' * 6 + 6' 6'
0<+80/0 , 6+', .*6' *' ' .,6 , '0/' 8'3+ .*60'140** + - ' 5.* .'5+" ' *' B
,.*0'*.: 9.:0 .*6' ,"15506. ' 6 0*+ '5. 6 -'504 608'5. 6 -',3+ 608'4+, 2+8# 1. .'
"91 1'!< .*.60* '06 . *1' .,+ *1'616 40 -'." ' ,"15506. '504 608'//:' '
,3+ 6+ -'06' ', , 606%+ ,'03+ 608 '3+'1 - *08' 70 ' 6 50*4 8' - 0 02.*6' /6 .'
1 4 *0 -',1* , 56.'/' '03+ 6+ -'06' ' '504 6+ - ' ,1 - 5"+ 08' 60 - ' .208'3+'
51*60' - " 6.2.*6'+6'+* :0 .0',45 .0'? ' '20"".61 + -'0 ,0 0*6' /6 .'1 4 *0 -'
"0 61' - " 6 '2.+4' - +"6+ -' 402.6' 0" ,+8' *03+0' 60 - ' .2 2+8'*.6+ .'"0: 2+8'06' 0/'
- 16 2+8' 5 .04.*4'1,0." 4*0 -' ,.56.*6 2+8' /' " 50*4 . 8' .4' *' '0 .*6'+6'<. -'
4 / '12'1,,+"6+ -'0 9.' .7. - 060 -' .:1 0 -' 5 '06 . -' + 504.' ,' .7. - 06+8'%.2.'
'0<0 .618' #1 A)' + .' 6 5.61 08',1 51 8'4+,02.*6'3+'2+8' - ./ - 0' 402.6' 0" ,+8
) 2 ' *',1* 504+ -':0*6+ - ' 4' *, 4 6' * 1 - * ,. -'<. - *," *.*604 0'(1" ..*+8'
7 55. ,7+8' - " 8'<3+'*1 6 1 + -'0/0 0 6+ -'5 15 +8',1*60 - 5".6+8'40',1* " 1'., 6.6+'
0<+8'.4' 0" ,+ -',0 6 +8' 0 0 06' 0' :0 1' + 6.*18'6 .* - %1' :1 ' *', 60 1 06*'
5. -'+6' :+ -' - 04 + -'7.20 0*6'6 .*" 0',1*"5 ,.6+8',1*6 *+1'.4'70 -' 04 6'06'
+90 ,',18'4 / 6' G+.':1,0' 5. .' : /' - "08' *',. 6 8',1*6 *0 '516+ 6'3+ *' .4' *'
60*4+ -' +9 0*6 2+8'09 040 06+ ' &0 + -' 0" ,+8'3+. - : 8' - 1 6'5 1/ - +8'6. - 0*''
- 0*6,'.4'0/6 0 - + -' *609 .'.,' +',1 - 518'.47+,3+0' + - - ' - 50 .61 8' *'0/0 , 6+'
06'*1 - 0*' 06 *0*8'06' - +* .'12 0*8' - 506+ -' +1 + -' *7 2+ 6''06'.' .7. - 061%.2.'
- 1* 6+8' - +"618'0/' + 8'.4'40 046 1*0 -' 504. 0'06',1* " .'1,,+"6.' *'0<+8'50 * , 0 -'
*60'01 '.9 6. ' - +"61 3+0' ,"15506. 18' *0'5 " 8'06'5+":0 0.4'5 10" + -'09 0 + 18'
5 1*+*, . '5 .0,1* 8':1,0'<+206'.6'3+'5 " 8'06'5+":0 0',. 0.*6'.4',+ .61 0 -'0/0 '
,6+8':0* .*6'06'0/' +1'. - . - 0*6. 1'"+*.*6' %+ *' +50 +8'04 4+ -' 0506 6'06'
3+' 0,+ -'5+9*. 0'*1" * ' 8'.4'75 60 83+. -'5 - + -'6 .* 0+*4'"20 . -'5160 6.60 -'
.,6' 6'3+.*3+. -' .7. - 0608'.0 - +"+8'3+',+ -'*1 6 8'0 .6' * 9* 3+0':0/ ""1' *'
7 6 .*'0/0 , 6+8' 1*60'0 041' +.0' .4 1* 8'71 - *08'3+. '71,'4.61' 9*1'.4'40'
04 1*0 -' *: 6.*8?' 6. 06'*0 - 1' 0 0'0/' 70 .* 8'.4'0+ -'6 .* 6' 0 ,',+ -' *60'
*1 6 1840" 20 . 06+ '3+ 4' .41' 5+8'0 06'6+ 2.6'1 - * + -'.* - ',1* + .0'3+13+0'
4 ,02.*6+' 0*60*6 .0' 090'+6'5 15 1 0'50 ,+"1'5"+8' 1" 61' *60*61' *03+0'6. - 0*'
4,'12 6 *.6.'5+9*.*4'50 6 *., .'3+ 43+. - 0 - 660*60' + -':0 1' ""' 5 '3+'+"60 M
+8' 0 - 50'50'60 . -'5 19 04 0*4'.+41 08' +0 .*6' 06 1,040*4+ -' 06' . ., . -'
:0 +8'60*40*4+ -' +.40 0*6X,1*6 .'3+'.2' * 6 1'* 7 "60 - 0 0'60*6.*4+ -' +. 0 .*6'
5+9*.*4'*0,0 6 6.60' - 51 "6.'5+9*. -' 1 6 60',.50 "0*4. -'0+ -' 71 6.2.*6+ <*. -'
0 + -'06'50 ,+"1 + -' 0,056+ -'0""0''06' *',1* 504+'71 6 8' 06 1',040 0'50 *40'0 "0'
.63+0' '40'6 .4 6.': 41 .',+ -'71 60'6 .* 90 06+ ' *':0 6 9 1',1* 60 0' 06' 0' :.""1'
,1*6 *0 0'' 4':0 1',1 - - 0.6+8'<. - <. -'40 04+ '50*+ . -'*1*'5.6 6.3+0'+*+ -' +'
50 0 0'+6' 50 0+"+ - ' *' 3+14' 0' *,19 6.*6 .' *4+0 *6' 5 .0 0*6' : 6+60' 4 0+'
6 .*6''*00' 0/504.61'4+ .'0/'4 +6+ * 1 0' - 1 .'71 6'. - 18' ., .*6'0' 0' : 40 '+6'
516 +8' *'0+ -'616 8'.* - 8'.0':R 2+8' *,+ - 2.*6' 1*6 .'5+9*.2.6' .7. - 0608'06'
3+. - : 8'1 - *0 -' 0, 50 .*4' 09*' *'5 10" '."0.' 50 -',1""1,. 06'40'0/ 6+' - ."0'.+'
9+ .6+8'.4' - .*+8'*0'40:0*R06+ '5 0, 2+8'1260 6.6 1* 2+8'.,'5 0* .6 1* 2+8' * 6.2.6
(04',1* " 8',+ - .47+,'5 +40*6 .0'"1,+8'0 06'7.40*+8'60 - 0 0' + 0056 8' 0 6.2.6'
+6',+*4.' +50 6.*6,' *0: 6.2 "' - ."0' *,71.6',1*.6+8'4 , - *0',.0,.'06'.4',0 '
6+ -',/ 6+ -' +0*60'.+4.,.'5 .0, 5R. 0*6+ ' . - ',+ -'5 +40*6 1 08'3+'.2' * 6 3'
05+9*.:0 .*6'0/'*0,0 6 6.60'01*") + -',.5 0*608'5 10" + -' +.40 0 6'< "" '3+ 60 -

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''8 , '-) ' '9 ! 4 ' '0 #' 5 / " # . $ f "
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)S+ . C G -

& . 61* " .+44 08 +0 .*6 3+.*3+. - 6 . 0 0+"5. - .9*1 ,0*6,8 0. - 510* 6,*6 .
' # 0 - 0*4.60 ,+50 0*6 6. - 0* *0 0/ 510* 60*6 . 9*. : .0 * - +". 0*6+ 0 0 .4 5+9
*. - 1 6 60 0.50 "0 4. - 5. .618 1 60*402.*6 6.3+0 - .9*1 ,1*,+ + .4 " 4,*6 2+8
.*60. 4+, 2*8 * 5 10" + - ,1* 0* + - 0 6? ,1 - - 0.*6 2+8 * 7 "1 - *+8 0 - 50 5.48
*60 *+*, 8 3+. - 0" ,+8 12 .4:0 . - :.",6+4 *0 - 40 0 , / 6+ .63+0 .401 - 50
+,,0 "% 1*0 :0 6+8? 7. 60*+8 - .9*550 0 0/506 :0 .6

L "+ - - 1 - .*0 (02. 6 .*+8 71 5 6 1 09 0 "+8 ,15 .8 * 6 . .9 - *.
4 6 *9+ 6 "1*9. 0 0 +*+ - 51"" ."60 + - *,040*6 . * 5 - . 1*60 0 .*6 +" 6.*
3+ 51*60 - " 6.2.*6 4+,0 ":. 1 .$0 0 1 %.:1 . 7 61571 .6 8 "09.61 <
3+ 2+8 .4".5. - 6.2.*6 "5.* 3+18 4+,02.6 A 1*"+8 3+ ". +8 3+18 06 5 15
,"15506. 60902.*6 4+,0 +41: ,1 E14 1 .4 40/6 . - E0 - .* - 20 91 4+,0
*,0402.*6 3+18 6." 4+,0 0 ,+"0 U$.*1 03+02.*6+ 06 + 6.* ,"15506. 0/
% *9 6.*1 5 .0 4 1 *+50 0:1,.6 6 1* 2+8 * 01 + - "1,+ - + 04 8 * 5 1/ - 1
.9 - *, 0 .*6 + 6.* 3+18 ,7.0" 1 19*. 4+,02.6 < 3+1 + - ".60 . 60902.*6
&. 0+8 (":0 . ,+ - + 8 ,"15506. 8 +"6 - + - .9 - 0* ,".+402.6 4.,+8 (+5+8
(9+0 .,+ - +. 06 $.*, 0 %.:1 .0 3+ C "".0 +2" 60 0 <+ +8 0 .6 "09 1*0<
3+.8 ,,, ,"15506. - .<1 08 03+02.*6+ 3+ 6.6+8 * 4+1 .9 - *. 4 6 2+6+8 0 .6
i *0,. 75" +8 . - .6 8 ,1* 6.*8 06 .4".60 .+6 *3+0 *,0402.6 3+1 + - 40/6 - -
4+,02.6 :0 6 4+/ * * "/1 :0/ ""+ - 09 + - 0 .6 A1.**08 (":. $7 " 55 1 .61
%70141 +8 "# . ,0"" 4+/ .47+, 5+0 51*0 03+02.*6+ ,,, , 60 03+ 608 06
.+ 0/ 9+1 .4 - 14+ - *+ - 0 1 3+18 .7. - 0608 50*08 "0 7.202.6 - 504 - 0*6.
*60 03+ 6.66 - 06 504 6.6+ - ,1""1,.6. 0 .*6 41*01 *60 018 0" 41 5.6 1 ? *0 6+
- +"6+ 1 60 0/1 61 ."60 8 * ."60 18 *,+ 0*6 2+8 1 4 *08 1 :0 0*6+ 0" ,+8 3+
*+ - 0 1 : *,02.6 "1*90 ." . .6 1*0 ., 0 - * 6 +/0 .6 06 ,+ - .*60. ,1*<+ .6 1*0 -
:0 6+8 4+,08 - +6. 06 06 90*608 *60 0 * - ,.8 - 0+ "06 504 6.6+ - 5 - *0 - "+*.
1 - . 04+, 6 06 "1*9. 0 0 51 9 6 .06 , * 5 - 1 1 4 *0 0 .*6 40 * 0<0 .6 06
51 6 0 - 1 6. 50 - 6 +6 71 - *08 62 *: ,0 - * 0 6 ."60 0 ."60 18 - 50""0 0*6
*0, 0, 5 0*4 0 ,1 - - 14 6.60 - 5 .020 0*6 4 +6 . - 3+0 ,1 *+ 4+1 .9 - *. .4
<+*4. 0 .*6 " *9+". / , 1 03+ 6+ - * +"6 - . ., 0 5.6 1 ." 3+1 *60 @0 4 1 0"
3++ - 03+ 6.6+ - 4 "51 +0 .6 0" ,+8 * - *+6. .9 - *. 4 : + - . - 5+9*.*4 ,0
6+8 ,+ - .*60. ,19* 61 7 6 .*18 60 0 6 6 *0 0 50 09 1*0 - ,1 - - 0.6+ 1 - *
40 6 6+6. - *,040 0 40 8 - 1 . 40"0*4 8 06 * 5160 6.60 - , 6 .5 10" ."0. - 04
90*4 8 ,1*""" + - + - 5"" "06 06 3+1 - 1 6 5 15 1 01 ,0 6.*4 .: 4 1 3+14 40
.6 8 : 6+60 4 40 06 06 0 - 1 6+1 ,+*418 .4 .7. - 060 - 6 .*8 +9 6+ 18 , 0
40 06 6.3+0 *60 41"1 08 5 1/ - .0 - 1 6 8 06 51 60 6.6 8 ., - 50 ,+ . - ." 3+.*
4 +"+4.6+8 6.*40 - 5 1 0 ,1* " 1 " ,06 6+6 1 01 - "%1 ,+ 0/03+0*41 .6 0 - -
5. 0 - . 2 6 .2.6+ 5+9*.0 ."0. - 60*6. 0 06 .*60 - 1 60 - :0" ,+ - 50 ,+"1 - 50 + -
- . 0 6.6+ 6< 09 09 1 90*0 1 ., 5 .0 0*6 8 .* - 0/0 - 5"1 3+ 3+14 - 1 ., 6 .
50 ,+"+ - .,0 040, 0:0 .6 .4 *0,0 " 6.60 - .,,1 - - 14.6 8 ,1*") 8 * 5 1 - 1 6 8
. 6 ,+"1 5. 1 6 6+4 *0 ,1* 046 @ 6. * 4 " 90*60 5+6.6 8 : 6.0 - 1 - 0*6 8 +6 .6 8 60 *
51 8 7.2+0 6 .4 08 6. 1 4 *.*4.8 *0 : 41 . 2 06 ,+ - : 41 . 09*+ - .6 +,
,0 "2 40 9*.61 0 50 06+

.6 1* 2+8,1* - .61.* - 1 +18,1 - 50"".6 06 5 1 0" 9 1*0 5.6 .
+/1 2+8 " 20 8 5 1 . 8 ., 1, 8 ,0 6. - 0* 5 151" 6+ - 1 60*4 6 < ,+<+8 40 0:0*6+
- * - 04+2 6. 0 4020.*6 3+ 550 ,+* *+ - 0 1 : *,.*6 06 ,.+".5 16 1 08" *6 018
3+18 .*60 0 : 40.*6 + 6.*18 0 0 3+18 .05 +8 * 9. - :0 60 *6 06 .4 *60 *0
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9 8ˁ".21 .2.6+ ˁ.+/ .ˁ3+.0ˁ5160 .6ˁ +-- 660*8ˁ06ˁ5"0 +-3+0ˁ *60ˁ-04 18ˁ71 60 8ˁ
: .-ˁ 2ˁ 0 1ˁ.5, 0*8ˁ6+50*6 2+8ˁ2. 2. 8ˁ06ˁ *ˁ-.9*1ˁ5 *, 50ˁ6.*6. .ˁ5+9*.74ˁ
50 6 .-ˁ.,ˁ 12+ˁ- .*6 2+8ˁ +-ˁ<.-ˁ6 0 8ˁ03+18ˁ *60ˁ,0 6.*4+-ˁ 4 2+8ˁ + 2 "28ˁ
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709.: 6ˁ' .440 8ˁ 0908ˁ*1*ˁ* "0ˁ,+-ˁ: 69ˁ" 20 6.60-ˁ.- 660 0ˁ4020 0ˁ 0 ,ˁ& - 1 +8ˁ
.*60ˁ0+-ˁ5+9*.*8ˁ ,+-ˁ1-*0-ˁX*ˁ 0ˁ74 6 +-ˁ -506+-ˁ.ˁ 090ˁ.:0 6 "06ˁ51""12

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40 ,0 0*6' 06' ".*9+ 418' 4+8' 4 90*60 .' ,+* "' - 5+ 0' , ,+* 6. 0*6' ,.56+8' ,6
, 0561'0* ,'06'9."0. ' 1 - * *1'0/. - .6+8'0 6' 0/1 6.3+0' 40'6(61', .56 :1' *60 ' .+
18' /. ' ,+ - ' 0' .4' - +6+. -' 50 *R 0 - '12' 4' 506 6+ ' : 40 0*6+ ' - +"6 3+0' <. -
,1* 066' :+"*0 2+8' *' 6+ 2.' ,0, 4 0*6 ' +50 :0* 0*8' 66*6+ 1' .+ 18' *, 05.6
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3+0' +6' *0 - ' /.0' - 51*0 06' 6 661' 9".4 1' 090 - ' ,.56 :+ - ' *' ,.5 60' 9 .: 60
.+, .: 6' 6.' +6' 0/' 03' 0 - .* - ' *'60 . - ,.40 06'< 6.6 - 3+0' 0506 6 8' :+"*0 2+8
*' 60 .' <. ,0*8' ,1* 1 "+8' 0" ' 5 .0 0*60' 5* 1' . ,. 09*. ' 50*08' 3+0 - ' +*+ -' 0<
408' . 6' 0' ,/ 6+8' 7 0" , 8' (02. 6 .*' +6 \' 01' ". - 0*6.2 "1 ' *.1 60' 0/6 *66
3+14' 0.' *' .06.60' "1 0*6 ' ,+ - ' *41"0' :0 .' 09 .' - .9*. -' 40' 0' 1 - * + - '0/50,
6.6 1*0 - ',1*, 6. "06' *,0 6.' 09 ' +, ,0" 1*0' ,1*6 90 6' 06' ,1 5+8' 0<+8' 51 6' - 1
6, ' 3+. " ,.56 :+ - ' *' 71 6 + - ' 5160 6.60' 0 - .* 0 6' .9*.0' *' 01' : 6+608' +0
+*6' * 7 "3+00 .4' + - - + - ' 5 .0 6 6" - '5 *, 5 8' 0/0 - 5"+ - ' 40 + 6' 5 .060
- 140 .6 1*, - ' .* - ' 3+.0' <+:0) ' : 91 0' *' 01' - .6+ 0 00*60' ,+ - ' .06.60' 50 .
516+ 6' (04' 5 .: .'04+, .6 1' 0/ ,0""0*60"8' "" +8' : 6+608' .' *.6+ .' *" 6.8' ,1 +5 6k' ,6
,+ - ' .4' :0 . - ' . ,' 1" 4. - '9"1 . - ' 60*40 0402+) %06<' 0<+8+ - 2 . - ' 066.6+8' . ,' : .* 8
0 + - ' 40"+ +8' 508' +5 .' 2 60 - ' ,1*") .' +5 .' .06.60 - ' 06' 0/504 6 1*0 - ' +5 .
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*0'5 .0, 5 6.: 6

' * ' 090' ,+ - ' .7. - 0608' C) ". - ' 60*40*8 0' +9.' 50 ,+"1' 0 '
'5, ,6' + 6 .' .' .+ 1'3+14. - ' 0:1, .6+8' 3+ ' 0" ,+ - ' - 1 6++ - ' 0*+*, .2.6' *
+, .C0*' ; .41' * - .' 0 6 *.6 1*0' +2 - 0 +8' 0 6' 6.6 08 0908+*15 10" 140 '
40 .6' +*6' - 1 "R@' 0 3' 06' .3+.' 0/6 *66 ' 1' 5 .060 0.' 616.' 0 0' + 6.* . ,'
*12 " 6.8' *' .+ 1 + - ' - .*+8' 40:0* 6' *60 066 8' 5 .060 ' 018' 3+18' - 0 - 1 .:
+4' +6 9*1' 16 *4 ' " 1* 2' ,' 1 59*.' .0 ' ,1 - 6 2+8' A1 ' 2 121' ": 6'
09+"1 ' U ": . 1' 0"1' J0 0 .0' - . 0 . 1* 8' " 1 ' 140 ,1' 0"5' %0*6 9*0" 8'
,1 - 6 8' " 1 ' 8<. ,121' . ,. *6 .0' 4+, 8' .6 0' A1. * 60' ' (":0 .' ,1 - 6 8' (1 60" .0'
" 1'< .401' +6' 5"0 .03+0' . - " .0' 1 - * *1' 0/6 *66.0' *6' $0 0 0'5 .060 0.' .8'
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.4 .8' * 40 0*6'06'*+*, 18'1-*0 8'0/' ,.';0* *60 8' 6, 0*6'*0'3+ 4'.*60' 0*'
/,'.4:0*6+-'.4':+"9+8' 0-.*. 06' +-':061'*+*, +-'.4'3+.6+1 : 18':0* 0',1*'
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56.0 .9 8' *."'.* - 8' 50'+ 20-' -10 6.' 2 3+0' ., 08' .55R0 0'6 6' "0*6 1'40 / 8'
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6 1 +8' 9 .6 .*'0<+8'.+,+5. ' .6.902.6' 6.3+0' 06' 6.6 -'.'$7 " 551' - 6+8' .4' 0* '
,+- 7 61571 +8 1 . + 66.*+8'3+',+-'A1.**.' (02. 6 .*' -.6 0'$7 " 55' 2'
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: 6' -1/'+6',0 6 +8' 40' (02. 6 .*' -1 60' ,17 6 6 6' < 6+' 2R-*'6 2+8' 0+6 8' .6 8' .4'
6 +-'60-5"1 +-':.":.8' .4 8'3+.0'3+'90 6.*6'5 +8'616. -'+ 20-'"+ 6 .*6'405"1?
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40 - ' 0* ,' .6 8 " . ' 5 19*.6+8 0 .6 < 06 .67. *.'."60 .' 4:. 4 ' " . ' 3+.0 A1 '
.** ' .,.*6 .0 4+, ' *+5 0 .6 ' 6 .67. *.'3+ 40 - ' .*+6 + - ' . .' - .6 0 .*60
.**+* ' 4, +* 6. '6.*3+. - '5 1/ - 1 ' " ,06 *.6+' - *1 ' 0/,"+40 0 : 402.6+ ' 0 '
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4+2 1 0/,"+ "06 ' $7 " 55 ' 5 .0 0 ' 4020 0 ,1*6,*402.6 ' , *6 .' ""0 ' 4:. 41 0 '
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20 - 8 6." .0 06 "5.* .,' <+ 01* +"6 8 ' 06 . - '5+2" ,.6 8 , 56 8 ' 1*1* .0 06
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+41: ,' 0* ,' .6 8 " - '<.4.2.6 ' 6 ,1* 6.2.6 ' +41: ,' " + - '0 0 ' 04 0/'
1*6+20 * 1 V'"1".*4.0 *.6+ - ' 8 6. - 0* ' 3+. - : 8 0* ,1 + - - 0 *: +8 ' 515+" '
.:1 0 +2"0:.2.6+ ' " 8 1 - * 2+8 52 6,.'.,,0 6 .670 *.' 09+ - '*1 6 1 + - '5. 0*8 '
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& ' ' ' ' '% ' ?'"1".*4.0 ' 3+. - '3+ 4. .'A+4.0. - ' "%04 /0 +*6 ' *1*' 0/' "09 6 - 1 - .6 - 1* 1 *.B
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6.*' +,,0 1' .' - +"6 8' ,1*6 1: ?60 06+ '06' 5 .' *60 :0* 0' :1"+ 6' 0506 61' ."6 +8'
*03+0', 6 .' *: 4 . - '<+ 0' +1' (,'0* - 0<+81 .61 084 5+6.2.*6' (.*4 1' '6.*3+. 6'
02+8' .90 34 8' - 5 . ' .' 09*' 9+20 *.,+)8' 0 - 160 '06' + - - .' 0 + - ' "571* 1'0<+8'
.6 ' 3* '0/' .67 "40' 1*1* 0* ' .'3+.' .67. *.'90*+8' 4+,02.6 ' " 18' + 0050 .6'
,1 - - .' " + - ' *1*' 1"+ - ' 09*' .4 - * 6 .6 1*0 - ' + - 5 %0' 04' 06 . - ' .**+0*60'
1,0*6 1 ' :'51*6 ,0' .60 *+ - ' 09*+ - ' *:. "0', ,.' .+ - ' ' ' ') *'
3+1' +6' 5160*6 . - ' - . 06' 5 1 8' ,1*<+9 8' 3+. - ' *' E."" .' ," 3+0 .6' 50 6.0 + -
0.6 ,0 - ' " 1* ' /' 09 8' . 60"".0' " . - ' ."60 .' : : .' +50 *4+/ "0' 06' 1*;" + *'
.63+0' ." 18' 0/'0.'" 20 18' + 005 0'3+ '5 1 *40' ""09 6 - ' .2' 01'60 - 51 0' *' 09*1' +,'
,0 " 0 +*6' 06' 50 'A1.**0 - ' '06' 5 + - ' $06 ' ' " + - ' 5+ + - ' 3+' 09*+ - ', ,.' .*'
*+ .' , 1,,, / / , ' *:. 6' .4' 0* ,+*' + 3+0' 5 15.9.6' +*6 06' 3+ .' 60 - 51 8'
"1*9 *3+ 6.8' 12 6.2.6' 06' 5 .0 0 56 1' - 0 61' 12< , '5160 .6< "" ' *' 51 0 " 1* 2+8' : 5'
"0*6 8' *+""1' 60 - 51 0' 5 .0 0 2' ,1*60*402.*6< 06' ."60 - ' 50602.*6' +6' 3+.*41' 01' 08'
04 "06' +6' ,+* 6 8' - . 0+" 8' 40 , 0*6 2+8' 08' 3+. ' .4' 0"0 6 1*0 - ' 04 06' + ' +6' .*6 '
3+ " - + - ' *' 01' 09*1' <+8' 2.20*6 8' .6 1' 7.20 06+ ' $1*6 0/' 06' +.8' 5. 608' *60 51*0'
2.6' $1 6+9."" .0' 09*+ - ' 1 - . * .0' 04 8' 20*0 , . + - ' 4 4 6.*8' .,'5 1 *40' 09 8' *' 01'
,1* 6 6+0*4' <+8' 2 ; *4 , . *8 ' 3+14' 6.*3+. - ' 4 ,+"+ - '5 1 +8' .2' 1 - * 2+8' .03+0'
7.2 6+ - ' 06' .' $7 " 555' 5 1' 51 60.' 1 - * *1' 0/5"1 + - ' 0 6' 3+1 + - ' 1 - * + - ' 506 60'
1*08' 06' - 51 6+*.8' 5 0* .6 1*08' 3+', ,.' 0* ,+ - ' 0 .*6' +6' 0"+40 0*6' 40' 5 1' 0* ' '
,1' - . 6.*41' 0 - 1*0 - ' *<0,0 +*6' ., "0 - ' 3+ 550' - 506 .6+' .' 51*6 ,0' 0<+8' 0'
9 .6 . - ' 0 "0 ' *0,' 0/0 - 5" 8', . 0 0' +6' 09*' *' . - " .' ,5* 0 :.*4 ' 06' 5+2" ,0' 21*'
,.+ .' ,+ - ' .0 <8' * 6 .61' 4 50* . 06+ ?' 4' 06 ' .2 + 4+ - ' - +"6 8' : 402.6+ ' *' 0*0'
.401' :."06+4 *. 1' *03+0' 40' - .6 - 1* 1' +""1' - 141' ,19 6.*60' 6. - 0*' ." 3+.*61'
60 - 51 0'. *2 6+ - ' 506 65 + - ' 06. 4.: 6' 41*00' $7 " 55+8' $06 + - ' #E 1*0 - ' ")*.5'
4+,0 - ' .4' 0* ,+ - ' ,+ - ' E. 4 1".' <+ ,1* +"61' "09.: 6' 3+' 40' +1' *' 09*' "" +8'
+,,0"" 1*0' <+ 0' ,+ - ' 01' .90 0*6' + ,' - +*0 ' 120+*41' 5 - + - ' 5 151 6' +0 .*6'
E."5. ?N G+ 19.' . ,7 05 015+8' %1"06.*+8' *+50 ' *' ,1""09 + - ' ,. 4 *." + - ' ,115'
6. *8' 06' 5 .*, ,+8 $.,0,+8' 6 40 - ' ,. 4 *." 8' 04' 01' - *+8' 41*0' : ' *0' ,+ - '
,. 4 *."08' 0"%0*6' *1*' 6. *' 40' <+ 0' $7 " 55' .4+ ' 3+. - 40' 5 .0 19.6 :.' ,+ - ' 0*B
,1', . 4 *." ' ,0 6.6+ : 40 0*6+ ' *<04.06 +0 .64050 4 *.*41 ":. 1%1"06.*1'
U "2.04+,0' - 0*6 1' &0 + - 8' 06K + 6.* 8' 5. + - ' 9 .6+87.202.6+ '06 0,0*6' * 1 '
6+* 1' .' $7 " 55 '9 .6 .' 0/, 40 .6' 0/' 0.' 1,,. 1*0' J 40 ,+8' 0<+8' " +8' 20""1' *' 0"'
9 1' "+2' 5. 0*60' 5.6 .61' *1*' 6. - ' ,".Z8' 3+. - ' ,.04 2+8' 06' ".* 0* 8' 3+.0' *1 - 0*'
5.*+ - ' *: + - ' 0"9 8' .060 *+ - ' 0 4 40 +*6' * . - 8' 4.6.' 40' 40' 3+.4. - ' *1'
2 "' : 9 *0' 0' 9;*.0,01' " .2067.,' 60 6 .0' $7 " 55' +/1 8' *' +/1 0 - ' 4+,0*4.' 0. *'
+5 .:0 .6' 12 43+0' *' ,. ,0 0 - 1 40 "".0' ,1*<04+8' *40' 0:. 0 .6' 06' ,1* 0 1'
5. 0*60' "2.0' . . - ' E. .0' %1"06.*' *+50' 0.51" ' * 1 6+' " . - ' +/1 0 - ' 4+/'
0 .6' G+.' 0' 6.6+8' 5 .' - 14+ - ' $7 " 55+8' +6' 5 06. - ' - .<0 6.60 - ' +. - ' +", '
,0 06+ ' "2.*+ - ') /04. *' .4' : 6. .' 3+. ' 4051 6.:0 .6' 6.3+0' ,1 - - 0*4.6 1*,'
$ '8J. . 4 <&0"0C ' - . ,7 1* 8' 3+ .+41 6.60' 5"+ - + - ' .5+4' $7 " 55+ - ' 5160 .6'
0 '06' *61* 1' %1"06.*1' 90*6 " ' - +"6 8' ,9.6 1* 2+8' 5 +40*6 .' 06' 5. ' 0", 6.60' 12 6 8'
* 9* ' 4+/' +*.0' 5 'J."". 41' ,19*.6 1*0' 5 1/ -)8' 5 .0".6+8' 0 6' 8' 9 6+'
,+ - ' E. 4 1".' *' + 6.* . - '5 1 04+8' ,+ - ',19*1: "%06' 0* ,+ - ' - .9 8' *' A1.**0 -
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% $? (N ' ' 24' !$ L' / ! '9 /3$ $ 2 2' / , * . 3 $
2; / ' 2 2- $ 2.)$ 2(2" *)' '/ ' >g 5

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? !3)G * ** (6 $) "

+6 ,.+!R 546 1 0 - 5 , 0 40 , 50 A0 + 6.8 3+ 5"+ - + - .5+4 0+ - 516, . 6 5
"- 1" , 6.6 06 ,1*6 . 8 .6 1* 2+8 <+8 $7 " 55 516 +8 0 "0 40 - 1* 6 .6 6+ * .44 6
$7"" 551 * 0 61 . , .*6 .0 4+,0 - 6.*6.0 - 1"" %+ 6 *,*4.0 - 5. 0 - +6+ + - 06 0/
, 6.61 40 +, ,0 " 1*0 20""1 1 0 +6 6.*6. + - *.: 9.6 1 *+ - 06 616 .**1 +* * 5 1B
5.9.*4. 50 *4 .8 7 6 .*. 0" 9 1*0 * + - 561 + - + 6+8 2 0: 60 - 51 0 . - 66.
6+ G+.0 .6 1*48 *1* - 04 1, 60 ".20 .4. +*6 5 * + - 0* , .A 135 - 06 ,+
"1 5 151 6+ - 013+0 - .9 8 3+14 : 40 06 5 + - . , .*6 .0 4+,0 - 0140 - 60 - B
51 0 50 $7 " 55 5 1,+ .61 08 *40 - * 8 6, 6+ - *40 5 1 - 4 8 *90*6 2+8 *0
0.6+ - 6 0<+8 :161 *1* .4:0 . 06+ * 01 *0916 1 605 4 +8 :0 . 3+ 550 3+ +.0
* - 6.6 8 72 ,1* , +8 5"+8 * 5160 6 - 09 8 9 .6 . 3+. - * 4+2 . 5 15 <+ 8
50 0,+6 1 5 . 0 4 51*0 06 6. 5 .0, 5+1 ,1 - 506 61 0 ,+ 0 0 616. +76.*. *1
2 " 6.8 .:02.6 * 1 4 *0 - 04.41 0 6.2.6 +6 $7 " 55+8 2 5"020 - 2 " " 51*0*
0 - 40: *, 06 .4 3+. - ""0 5 .0, 5 6.61 ,1* " 1 - 1/ 404 6 " 60 .8 3+ 2+8 405"1
.61 (02. 6 .* 3+0 * .2 0. 0/504 6 1*0 %0 - 50 .*60. +6 5" 4.*6 *+*, 8 " 60 8 06
,1 . - E+.4."+5.0 4060 +0 6 06 616 5 1,0 + - ,+ - 01 1, , 1 + - , . + 018 20*0:1"
0 9. 0 - 5+2" , . - .* - + ,0 6 1 08 ., 02.6 06 . 0 1 - * . *,0 . *1* 1"+ - . - B
, 06 : , * 5 *, 5 8 04 616 08 0*1:.6. ,19*.6 1*0 ,+ - +76.* 85 , 5 2+8 ,1*<+*
6 " - 06 * 0. :1"+*6.60 .2 .+9+ 6. 5. 0*60 04+,.6 1 , . 0/ 504. 0 <+202.6
,060 + - 40 <+ 0 +1 * $1 6+9 " .0 09* +, ,0"" 1*0 +6 0* ,+ - . :+*0+"+9 *+
50 71 "1 ,0 ,1 - - 1*0 0,0 6 " 0 .4 5 18 :1"+ 0 0 20 0 3+14 1 - * + - <+ 8
50 61 + - 06 0" 9 1 2 + - ,1* 0* + 0/6 . ,1*6 1:0 4. - 6 ,+ - 5 0 - +" 9 .4+
5 1/ - +8 06 - . ,+"+8 ,060 18 +69 .4+ 0 - 16 1 08 .+6 50 10 - *.8 .4 +, ,0 " 1*0 -
;0* 0*60 8 0/ ,"+4.6 9 6+ 5060 0 +6 0.40 - .03+ 6.60 3+. 0* ,+ - .4+ + - 50
06 , .+ .0 +.0 <+8 * 60 - 51 0 ,1 - 5"04.*6+ 06 0/0 - 5"1 +1 ,060 8 09* + 2 2+8
5 .0, .*6 .4 0. 3+0 40 71, *0916 1 50 0 2.*6 " 8 " 60 8p 3+14 5 .0 - .6+ 0 , 56.0
: 40 0*6+ - - .*0 3+. - ,1 - - 16 +*6 6 1* 1"+ - " " 51*0* 08 .4 0/60 *0 06
. 60""0* 8 5 *, 5 8 41 - *.6+ - ,17 0 ,0*608 04 5 .0, 5+0 50 + 6.* . . 5"028
22 .*6 3+.8 ,+ - : , * 8 . 60""0* 2+8 - +"6.608 6.3+0 *+""1 4.61 .4 $7 " 55+ -
0 51* 1 " .2 6. * . - 0 . 3+. - &1, .*6 4" ""51*0* 40" 20 .6 1*0 ,+ 4+1 0/ 5"0
20 1 1 4 *0 *60 +*6 .5+4 0) ,+ - * 6.*6 +6 5 0 +, ,0 1 0 - *4 90*. - , , +
4+ - 09* "0908 *1 - *. 06 * 0. - 3+0 0 " +6 1 - *0 - 0/ .* - 1 - 06 ,+"1 0* 8
, +5+"+ - 0/ - 0 0*6 . - .61 + - 3+ 5 1 - - + 6 56 2+8 09 - " 6. 0*6
- .9*. 46 , . 1 J0 +*6 3+ 1 60 0 "0*6 3+ ,7. R.6 8 5.6 .0 12" 6 06 + 6.* *1B
- * 8 - *+8 6+4 1 09 ,1*6 .4 ,0 0 06 *0 .*4. 5 14 6 1*0 0/60 *18 * 09*+* 50
: - *4+,0 0 .+40 0* L

7 ! + .*60 $7 " 551 40,0 "0 .6$0 4 *. "4+8 0/ **. . .0 .+9+ 6.0 1
1 8 " . + 0056+8 ,+ 09*+ - + 6.*+ - 5.6.2.6+ ,+<+8 40 40 + - "0* : 6 0140 -
.**1 ."60 " +8 5.6 ." 13+ 5 1 1".6 1 * 6.*61 41"1 0 0916 . , , 5 0 6 7.6+8 :
S." . .8 . h .",0 ".1 141"57 .0 . 8 06 +/1 8 6.6 0 3+ * 5.* . - :0*0 .6
2 6 .5+4 . :+*,+"+ - ++ - 04+,. 06+ 40 ., 1 ".&., 1 + 0056+8 06 5.6 8 *1 - *0 $7 B
" 55+8 4 4+8 0, - +"62 51"" 5 0 h 0*,0 ".+8 ,+ - / : 6.*6+ - .**+ - .90 06 .,0
2. - 1 60 : : 8 0/0 - 56+8 0 6 *60. : 1* . 6 (02."" .*) 8, &0*0 +8 : 41 . .4
,7 *.4.8 5. 6. ""+ 6 8 06 +50 1 0 .**1 &0*06 . + - U5 *,058 , 0.6+8 14290
. 1 - .<1 .6 8 ,1,0"%0 .6< . .0, " . 1*6. 0*. +/1 0 ,+ ""0 71*1 08 . 0
*.6+ 402 618 06 <. - 5. .618 - 1 60 56.0:0*6+8 044060 *1* 516+ 6 - .9* 8 0/03+ 8
+*0 .6+8 * 0<+8 "1,+ - ,1".+8 $2*6.*+(< : 40,+ 8 1 - * 2+8 * 05+2 , .
71*1 2+8 .4 7.0, *9+". 5 +40*6 . 0/ - . 414 *. . , . ,+*4 . ,". +8 *609 8
.4 + ,

% $ % . 0' 1 * * 5 :

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.47 ,ˢ.*"-ˢ06ˢ,1 51 8ˢ: 2+8ˢ-ˢ".ˢ.06.60ˢ "ˢ0* -14190 +*+-ˢ.06.6 8ˢ.+*""-ˢ.6ˢ &
6 90 .6ˢ ,1* 0*6 0*6 2+8ˢ 1 - * + -ˢ :16 80"04+8ˢ !ˢ ˢ 1,ˢ.**1ˢ .6 8ˢ.5+4ˢ*18ˢ. $ˢ . ˢ000
S."ˢ 5 "ˢ,1*,0 6ˢ +41: ,+8# 167. *9+8ˢ,. 4 *."8ˢE+ .* 8ˢ4 4+8ˢ . 1"ˢ,. 4
*."8ˢ.*60ˢ3+.4 0** + -ˢ0/6 *4ˢ .60 ˢ3+<3+.8ˢ ""0ˢ *ˢ 09*1ˢ .4 1*08ˢ *90* ˢ:
4+-ˢ *ˢ: : 8ˢ0 06ˢ5. 6+ 02.6ˢ<.-ˢ.4+"6.8ˢ51 1ˢ: ˢ.50 6.ˢ 1:0 0ˢ*1*ˢ40 6 6 6ˢ06ˢ.*60
.**+-ˢ 1040 8ˢ0/6."8ˢ*0916 + -ˢ * "10 0* 2+8ˢ,1 - 6 8ˢ - ./ -0ˢ5 1 - 1: 6<60 6+
63+0ˢ +6ˢ (02. 6 .*+8ˢ "2. 5 *0+8ˢ 0 - 1: ,+-ˢ05 015+8ˢ 1040 ˢ.4:0 . ˢ, 04 6+8
0/ˢ ." .ˢ,.+ .ˢ .+".ˢ + - -1:0 06+ ˢ ,+-ˢ *40,1 + -ˢ0 "0ˢ4 ,0 06ˢ616ˢ.**1 +66ˢ05 01
5+-ˢ*1*4+-ˢ ., 181 4 *08ˢ + 005 "0ˢ 71 - 1ˢ 0 1/ˢ06ˢ *ˢ1 - *08ˢ,1*6+ - 0" 1 +8ˢ 06
3+.*6+ *ˢ . 1"+8ˢ0<+8ˢ .60ˢ 12 + 8ˢ06ˢ *ˢ*0916 8ˢ . 4++8ˢ6.*6+-ˢ ""0ˢ *60 - 50 .*8ˢ
06ˢ,1 - 0 ".6 2* 2+8ˢ404 6+8ˢ 0/ˢ "20 ."2 0ˢ0* -ˢ: 4+ˢ6.*40-ˢ - 2 21ˢ"067."ˢ155 0 6ˢ
+8ˢ0 6ˢ ˢ06ˢ51 6ˢ - 1 60 - A1*: "". - ˢ+6ˢ *ˢ - .<1 + -ˢ 05+",7 1ˢ,1*40 06+ ˢ40".6+8ˢ.,ˢ 0ˢ
8ˢ 761* .0ˢ 1 21* .0ˢ 6+ 2.61ˢ*.6+ .0ˢ1 4 *0ˢ616ˢ"20 8ˢ +50 6 6 8ˢ ".,7 - 8ˢ40ˢ
"06+8ˢ 1,ˢ06 .-ˢ.**1ˢ 1* 8ˢG+ *6 "2+8ˢ*. ."6 1ˢ +1ˢ+"6 - / -ˢ: 6.0ˢ4 0-ˢ,".+ 6
7 61571 +8ˢ .4 +, +8ˢ6+*, $1 6+0* 805 015+8ˢ,+<+8ˢ .05 +8ˢ"2 8ˢ +50 1ˢ
2+8ˢ .4.ˢ - 0*6 1ˢ0 6ˢ + - - 8ˢ*0916 8ˢ +2ˢ . 1"1ˢ:ˢ .0 . 0ˢ06ˢ$7 "551ˢ0<+8ˢ "1ˢ
ˢE0 - . .ˢ06ˢ 6."".ˢ5 .051 6+8ˢ"20 ."6.60ˢ,1 - 6.60ˢ"60 . + -ˢ.,ˢ"60 .61 + -ˢ. - 1ˢ
0ˢ *90* ˢ40* 3+0ˢ,.*42 0ˢ ,+-ˢ5.*0"8ˢ,1 - 5. .*4+8< 3+14ˢ, 6 .ˢ +,+ - ˢ0. + -ˢ
3+.8ˢ *ˢ02ˢ,0"02 . - +8ˢ: 6+6+ -ˢ *,1 +56ˢ60 608ˢ20* 9* 6.60 - 3+0ˢ6.*6ˢ& ˢ.05 +8
ˢ 4+ -

L & ˢ %ˢ V 0"0 6+(0 6ˢ 140-ˢ.**1ˢ
06ˢJ"1 0*6 .0ˢ4069 ".ˢ0 6ˢ,1*<+ .6 1ˢ 3+.0ˢ90 - *.6 8ˢ
L+*0 2+8ˢ . - ". -ˢ5 *45."0-ˢ *,0 6.: 6ˢ . -ˢ
,+-ˢ 0" 1*1 .ˢ%1"06.*.ˢ E. .0ˢ3+1*4.-ˢ(4ˢ
ˢA.0ˢ5 1 09 8ˢ 06ˢ 5.*. + -ˢ6 0 - + -ˢ5 .0 0 6ˢ
.*60ˢ 2 0** + -ˢ 0.51"ˢ - 1 6+ˢ ".ˢ3+.0ˢ $06 1ˢ
J .*4 ,ˢ 6* .0ˢ4+, 8ˢ .6ˢ*+5 0 .6ˢ06ˢ .20".0ˢ
+66 + 3+0ˢ 1 1 ˢ3+.0ˢ ,+-ˢ$.;<1ˢA1 4.*1ˢ) *1ˢ
.,, .*ˢ4+,0ˢ 0 - ".0ˢ +.0ˢ5 *, 50ˢ - .6 -1* 1ˢ
,1*<+*4.ˢ0 .6ˢ +6 .03+0ˢ.ˢ- .*6 8ˢ50 4 6.0ˢ: 6.0ˢ.,ˢ
"+/+8ˢ 71 - * 2+8ˢ 0" 6.0ˢ 1" - 4 *0 - ? +. -ˢ -10ˢ
0*608ˢ,+-ˢ3+ 2+ 4. -ˢ"" +8ˢ .+".0ˢ*12 "2+8ˢ0 - ".ˢ
+8,1*" 0 ,0 0ˢ, 040 0*6+ˢ0/0.ˢ,1*" 06+4 *0ˢ+ˢ
5 41J .*, ,+-ˢ*,0 6ˢ. - .61 08 ""18 *0ˢ,1* 5ˢ
. "0ˢ 8 6.3+0.4ˢ5 :.6+-ˢ50 ,+"+-ˢ4 0+6 0*4+-ˢ
05 15 .8ˢ - .+8ˢ +1 + -ˢ 6 6 9+ *0ˢ,1 - - .,+". 0ˢ
0,0ˢ%0ˢ 7.20 06ˢ."0.ˢ.4ˢ 4 150 ,ˢ+6ˢ,+5 0*8ˢ $0ˢ
6 . -ˢ .6 0 -ˢ06ˢ$.+"+-ˢA1 4.*+-ˢ1 1 + -ˢ0:1,.6ˢ
06 4+"60 ˢ*4 , .ˢ.50 6ˢ"20 6.60 - 3+0ˢ+6 3+0ˢ .46ˢ
+6ˢ5 :.6.8ˢ *<+ .8ˢ+"6+-ˢ 0*6ˢ - +"3+0ˢ71,ˢ4040ˢ
,+8ˢ ˢ155 12 + -ˢ0/ˢ ""+6 - .ˢ0 - ".ˢ61""0 0*6ˢ
3+14ˢ06ˢ ""ˢ"04+"1ˢ0/0,+6ˢ +*6ˢ*0ˢ7.20 0*6ˢ3+.0ˢ
: 4 -ˢ: 6.0ˢ * . - . -ˢ,+<+8ˢ 2ˢ+60 3+0ˢ,1* 4+8ˢ
0 .6ˢ0/5 12 . 0*6ˢ 6.3+0ˢ 0" 1*1 .ˢ06ˢ .20"".ˢ.ˢ
: 80.40 - *14"0ˢ . 4.ˢ *<04.ˢ5 .0 1,.6.0ˢ +*6ˢ.ˢ
- .ˢ* 7 "1 - *+8ˢ 5. ".ˢ3+. ˢ+6 .3+0ˢ0/ˢ.*9 *.ˢ*ˢ
- 1ˢ 21"061 + -ˢ 0 +ˢ,1*6 .4.ˢ 50 ""06ˢ .56ˢ
3+ 4. -ˢ0/ˢ. - .61 2+8ˢ *0,ˢ *1*ˢ 0/ˢ. - 1 + -ˢ5. .ˢ
8ˢ - ˢ ˢ 0, 06+-ˢ,. ,0 0 *ˢ,1*<04ˢ, 6 .ˢ<+4ˢ
, 8ˢ1 , + -ˢ +6ˢ *ˢ6."2+8ˢ,. 2+8ˢ J"1 0*6 .0ˢ 0ˢ
. - .6ˢ 0/3+ 6 8ˢ 61**0*6 8ˢ +2<04ˢ .4ˢ0/6 0 - + -ˢ
+ - - 1ˢ +55"41ˢ. J04ˢ +*6ˢ *60ˢ3+18ˢ+*+8ˢ 6ˢ
$+,, +8ˢ*1 - *0ˢ<+:0* 8ˢ - .9*ˢ.* - ˢ06ˢ . .0ˢ 40ˢ
3+ ˢ:0 6+8ˢ*0ˢ61 6+8ˢ,5* 0 1*0ˢ +.ˢ,+ 3+. -ˢ. - ˢ
,1 + -ˢ50 ,+"+ -ˢ, 0. 06ˢ0*,7 4 1ˢ3+14ˢ.4ˢ - .ˢ
"0 4+ -ˢ0 - 50ˢ0,+ -ˢ *ˢ1,,+"61ˢ90 02.6ˢ,+ -ˢ *ˢ
,. ,0 0 -ˢ4+,0 06+ ˢ 05+ -ˢ *60ˢ 6 5.61 + -ˢ - .B
-8ˢ *60 0, 6ˢ %1"+8ˢ) *+8ˢ $.+"ˢA1 4.*ˢ
90*6 "8ˢ 3+ˢ *ˢE."".ˢ +2ˢ 0* ,1ˢ ˢ*60ˢ*12"08ˢ
41 - 0 6 ,18ˢ5+0ˢ04+,.6+8ˢ +0 .6ˢ06ˢ 6 + .0ˢ4+,

2+8ˢ<. - 5 40-ˢ +. -ˢ150 . -ˢ .44 /0 .6ˢ *+50ˢ *ˢ
$1"1* . -ˢ.ˢJ .*4 01ˢ.4ˢ 090-ˢ ."+6.*4+-ˢ - +8ˢ
,+-ˢ .20"7ˢ *04618ˢ . - 1 08ˢ 1:0 0ˢ , 04 6+8ˢ ˢ
-06+ %8ˢ 5.+"1ˢ.*60ˢ.4ˢ*18 6 .*8 90 .6ˢ (04*0,ˢ
- 0 + -ˢ 020"".0ˢ - 1 8ˢ *0,ˢ4 6.*6 .ˢ"1,1 + -ˢ.+6ˢ
60 - 51 8ˢ"1* 3+ 6.8ˢ.2ˢ .ˢ0+ˢJ .*, ,ˢ :0ˢ$.+B
"ˢA1 4.*ˢ 40 0*40 0ˢ516+0 +*6ˢ 3+ *ˢ.ˢ ., ,+"1ˢ
0:0**.60ˢ ,+<+ -14 5"0 1 3+0ˢ ,. 18ˢJ .*4 0+8ˢ
.4ˢ61""0*418ˢ 2ˢ +50418ˢ50ˢ1 - *08ˢ 7 6 .*ˢ1ˢ
2 8ˢ5. 608ˢ0/ˢ5. 0*6 8ˢ 1 -ˢ5 .0,0561ˢ,1*4+418ˢ7.ˢ
202.6ˢ 51 60.ˢ 4+ ˢ0ˢ5 1 +*4.ˢ<. -ˢ*140ˢ41 - + -ˢ
0, 50 06ˢ +606 .0ˢ *60 ,0 06+ˢ 3+14ˢ0/ˢ."60 +8ˢ
,. ˢ3+ˢ."3+1ˢ51 6 60 - 51 0ˢJ .*, 0+ -ˢ 0 - .ˢ
4 *+ -ˢ +606 .0ˢ6"40 -ˢ1044 6ˢ12ˢ 4ˢ0/6 0 - 0ˢ +5ˢ
ˢ5", 1ˢ. J04ˢ ,1* 0"" 1*0ˢ<+4 , 2+8ˢ,1* 6 6 6ˢ %+*,ˢ
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' # /;ˢ ?ˢ *ˢ + - - . -ˢ 090 6.60 -ˢ 04090 .6ˢ "ˢ .*9+ 6 8ˢ 5 0 - 02.6+ ˢV h 0 4.ˢ *ˢ .ˢ
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+ 208ˢ "".8ˢ 0 5ˢ""2ˢ5. iˢ 0 " 0*6ˢ + 0 - +*4.ˢ06 h , 4.ˢ,1 - - 0.6+ˢ - .6 8ˢ
5 0 9 +8ˢ.4ˢ + 6 + -ˢ604 6ˢ 3+ˢ .4ˢ, . - + ,+ -ˢ,+ - 0/0 , 6+1, ,. G*0 -ˢ 1550 0*8ˢ
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4 ˢ 05+2" ,.ˢ40" 20 .6 1* 2+8ˢ60 02.*6 ˢ *ˢ - 04 1ˢ 70""1ˢ "0,+ <ˢ 3+.03 0ˢ5.48ˢ5 15 .ˢ
0 .*6ˢ *60 - 50 6 :5ˢ.9 64 608ˢ 2ˢ * - 0 5 . -ˢ 0 9.8ˢ.4ˢ(1 - . -ˢ%71". -ˢ(60020 9. -ˢ
04. -ˢ(":. - 4+48ˢ06ˢ: , *.ˢ"1,.ˢ6 *02.*6ˢ DˢE.*4.: ˢ) "6 .<04 ˢ * +". +"*ˢ&.ˢ
"0*, .*. + -ˢ .0ˢ ,67+*.0ˢ .5." - .0ˢ. ,08ˢ4 +ˢ<+"%0 .*6ˢ .6ˢ12 6 4.8ˢ" 20 6.ˢ
6 8ˢ 0 6 6+6.0ˢ 20*0 , 1ˢ3.8ˢ, : 6.608ˢ *ˢ 40ˢ50 - .* + .8ˢ ˢ 2ˢ 9 .,+ -ˢ 6 02.6+ -ˢ -0ˢ
6 151" -ˢ,1*,1 4 .ˢ 1, .:0 .*6ˢ :060 2+8ˢ"09 1* 2+8ˢ ./ - " .*ˢ,1 - 6 8ˢ)ˢ 1 +: ˢ
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3+0 -ˢ06ˢ." ˢ6 2+*ˢ - 1/ˢ 0,+6ˢ +0 +*6ˢ 6.ˢ +6ˢ<+"7 8ˢ0/0 , 6+8ˢ: 40 06+ ˢ $04 6 2+8ˢ
5 .00 .6ˢ$7 " 55+8ˢ ."." +8ˢ,1 - 08ˢ 03+ 6.6+ˢ ./ - " .*+8ˢ D 0"14+*+8ˢ: ,0,1 - 08ˢ
E.*40* 8ˢ E1*9*0 +8ˢ . 6 1 + -ˢ&."0*6 *+81$. 40+8ˢ 16.ˢ61 - 0*61 + -ˢ5 .0ˢ
04 - + * .0ˢ4, 6 - 902.*6+ ˢ "ˢ616. -ˢ7;0 - 0 -ˢ.4ˢ . 6 *ˢ .*+ -ˢ2.+4ˢ"1 * 90ˢ.ˢ .ˢ
- + ,1ˢ6 .* 090 +*6ˢ, 02 8ˢ:0" 6.6 1* 2+8ˢ + 6 .,18ˢ".,0 "0*608ˢ*+) 1ˢ5 .060 0.ˢ - 0ˢ
* 1 .2 "ˢ5 1," 1ˢ .41ˢ ˢ 1: *.ˢ6.*6+ -ˢ.4ˢ 1 . -ˢ, .56.ˢ06ˢ. /ˢˢ "51*6 *.ˢ: ˢ0/ˢ
5+9*.6.ˢ * 6.2.6ˢ .+ 1*0*""8ˢ+6ˢ*1*ˢ,040*41ˢ*03+0ˢ: -ˢ71 6 "0 -ˢ + 6 *0*41ˢ"04ˢ
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4 +6+ *ˢ - ."ˢ50 6.0 .0ˢ3+. -ˢ" 20 6.6 8ˢ 0, 5 0*4.0ˢ*+*,ˢ ,+5 4., ˢ6. *ˢ.4ˢ<+9+ -ˢ.ˢ
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60 0ˢ.,6.*6 50ˢ20""ˢ - 506+ -ˢ,17 20*4+ -ˢ4 ,0 0ˢ 4+ -ˢ40ˢ$7 " 55ˢ 0*60*6 .ˢ.,ˢ:1 ˢ
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0/0 , 6+8ˢ04+, 6+ ˢ *ˢ5 - .ˢ., 0ˢ 1*6 * ˢ06ˢ2E+"ˢ 1 * ˢ 0 .0ˢ *ˢ - 04 .ˢ +: ˢ
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71 6 2+8ˢ<51 6 0 - . -ˢˢ 0 - 1*4.*+8ˢ06ˢ? . , .*+8 + - 40+8ˢ4+,02.*6ˢ.63+0ˢ 6.ˢ,+ -ˢ
61 ˢ- 0*6 8ˢ06ˢ .55. .6+ˢ 20"" ,1ˢ - 1:0*6ˢ E1*9*0 1ˢ ˢ 0: 01ˢ06ˢ ."" 0" 1ˢ 0<+8ˢ .6 0ˢ
." "3+0ˢ 4+41 2+8ˢ *. -ˢ ."." ˢ,1 - 08ˢ06ˢ : ,0,1 - 08ˢ E.*40* 8ˢ5"+ - 3+0ˢ 4+,08ˢ
5 - . ˢ.20 .*6ˢ +/0"".8ˢ 50, 0ˢ*+56 . + -ˢ3+.0ˢ "" ,ˢ - .9*.ˢ51 - 5.ˢ,0"02 .2.*6+ ˢ
5 1 04 ˢ2.+4ˢ1, ,+"6.ˢ." 0*ˢ.2ˢ <.+ 1*0* 8ˢ,1* " 8ˢ .* -ˢ 9* , .6 1*0ˢ 0/ˢ3+1B
+ -ˢ.2 0*6 .ˢ1, ,. 1*05ˢ, .56.*8ˢ + 6 +8ˢZˢJ. *0 + - 06ˢ 4.: + -ˢMˢE1* .9. -ˢ6;ˢ
S."ˢJ02 +. ˢ5 .0 - 66 6ˢ3+ˢ"0: .ˢ,+ -ˢ 4 *+ -ˢ ,15 8ˢ5 10" .ˢ 0 .*6ˢ3+14ˢ 06ˢ ""ˢ
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4Rʿ.,ʿ 05+"""ʿ 4+ -ʿ5 - + -ʿ.9 - 0*ʿ"0*60ʿ06ʿ1 4 *.60ʿ5 1004 6ʿ06ʿ+" - ʿ 0 :.6 8ʿ1 4
* 2+8ʿ 1*60 -ʿ+2 3+0ʿ12:0 60*42ʿ71 60 -ʿ +0*60 -ʿ4 6 *0*6ʿ (04ʿ60 - 0 6.60ʿ3+1
+*4. -ʿ0/ʿ 09 8ʿ0 0 6+ -ʿ0 6ʿ "6ʿ + 6 +8ʿ3+ʿ40ʿ + - - .ʿ40,0 *0 0ʿ - * -0ʿ * 6 1
,5* 6 6+ 06ʿ 51 63+. -ʿ +18ʿ. 41 0ʿ5+9*.*4 ʿ +6 1#$.9.*1ʿ4+,0ʿ"1*9 *8ʿ3+. -
+6ʿ6+61ʿ 0:1,. ʿ51 "0*6ʿ5 1:0 618ʿ: 4 6ʿJ. *0 1ʿE1*C.9.0ʿ06ʿ2 "" 1ʿ - .*4.:0 6ʿ+6
,+ -ʿ61 61ʿ03+ 6.6+ʿ *ʿ 1040 .61 + -ʿ03+ 6. - -ʿ - 506+ -ʿ .,0 0"6ʿ< 3+0 -ʿ "" ʿ" ,06ʿ .0
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0 *. 4 *ʿ 0*41C.0ʿ + 6ʿ,ʿ . 6 *0*9 ʿ$0 .*4 %1"06.*ʿ . - ""ʿ06<1ʿ .5
6 6.0ʿ0ʿ 1*6.*1 + -ʿ " 1* 6ʿ&. 9.,ʿ E01 9 ʿ(ʿ .,+,.0ʿ + 0" ʿ ʿ$.*71 - 6.*
,1 6.0ʿ " :0 .0ʿ *61* ʿ .:."ʿ06ʿJ.",1*060ʿ 03+ 6+ -ʿ."8ʿ6.*40 -ʿ,040 0ʿ,1. 6ʿ
504 6.6+ -ʿ ++ -ʿ50 090 0ʿ *9"1 3 +0ʿ 06ʿ (,1618ʿ 4 *+ -ʿ 6 50*4 . 18ʿ +9 0*41ʿ
126 :0 0ʿ 1*6 * +8ʿ3+ʿ,+ -ʿ5 - 1ʿ.9 - *0ʿ5 .0,0"%0 .6ʿ5 15 +8ʿ?E, - 2".,+ -ʿ
6 .ʿ51 - . .ʿ06ʿ71 618ʿ 0ʿ - + 0ʿ06ʿ0/ʿ 6 .90ʿ5.".*6 2+8ʿ,1""0 6 8ʿ5 10" + -ʿ 0 6 6+0 0ʿ
+ 6 .ʿ,1*.6+8ʿ * 60 60ʿ:0 6 9 8ʿ +9 0*6 + -ʿ71 60ʿ .4ʿ0/6 0 - + -ʿ + 8ʿ,1* +"0 0*0ʿ
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"+ - 80:. 6ʿ ʿE1*9*0 +8ʿ J"0: 0+8ʿ 06ʿ ." 0" +8ʿ0<+8ʿ .60ʿ5"+ 0 3+0ʿ." ʿ,.56ʿ 5 .0ʿ
60ʿ504 6.6+ -ʿ5.+,ʿ1,, ʿ / /ʿ504 6+ -ʿH *.ʿ,.56.ʿ :ʿ03+ 6+ -ʿ$1 6 4 0ʿ + 6 1ʿ40ʿ
4 6 1*0 -ʿ - 50 .*6ʿ E0 - 2".,+ .ʿ5.6+ 6ʿ %+ *ʿ +,,0 " -ʿ+ 90*41ʿ50ʿ 0 9 + -ʿ
V 1: *. -ʿ51 6ʿ.4 - 16.ʿ61 - 0*6.ʿ 0, 5 6ʿ *40ʿ 1:.* + -ʿ60*4 6ʿ+ 20 -ʿ:. 6. -ʿ.,ʿ40ʿ
2 "0 - ʿ 3+.0ʿ 6.6 -ʿ404 6.ʿ0 6ʿ,+ -ʿ5 .0 4 . ʿ3+ʿ5.+,ʿ0 .*6ʿ"1,1ʿ40 0 61ʿ +/0"ʿ
".8ʿ.2 0*6ʿ 140 -ʿ"+,,0 "+ʿ]ʿ%" 0*.0ʿ06ʿ . ,716+ - ʿ+ 208ʿD 16.* 1ʿ: , *.0ʿ,+ -ʿ
+ 6 1ʿ6 .* 9+*6ʿ 4ʿ (,70 - + -ʿ155 4+ -ʿ. ,0ʿ - +* 6+ -ʿ - .<+8ʿ *0916 + -ʿ + 6
. -ʿ5 .0 0 6+8ʿ404 6 1*0 -ʿ .,0 0ʿ<+ " 8ʿ,+ -ʿ 0,+ . "06ʿ61 - 0*6.ʿ.4 - 1:0*6+ ʿ - ʿ
.3+0ʿ - + ʿ 6 .90ʿ04 6.ʿ ,+ -ʿ+. -ʿ06ʿ."60 . -ʿ155+9*.6 1*0 -ʿ5 .0 4 . ʿ., 60ʿ 0ʿ
5+" "0*6ʿ6.*40 -ʿ60 6 .ʿ +5, .6ʿ +*6ʿ*1*ʿ *0ʿ "5.*1 + -ʿ,".40ʿ 3+. -ʿ + 6 +8ʿ.4ʿ
- 14+ -ʿ"0:0 0ʿ+"6+8ʿ0 6ʿ5 .0 04"1ʿ 5 1ʿ." 3+0ʿ,0*6+ 1* 2+8ʿ0/ʿ 0*0 6 .ʿ. , 8ʿ +"50*ʿ
8ʿ12: 3+,ʿ - " 6 2+8ʿ*0,ʿ*1*ʿ155 4.* 8ʿ *+""1ʿ 0/+8ʿ4 ", - *0ʿ , +40" 60ʿ6 +, ʿ
4.6 8ʿ.+6ʿ *ʿ "+ - 0*ʿ5 1/ - + -ʿ5 .0, 5 6.6 8ʿ 4ʿ. 6+ .ʿ: ʿS."ʿ . 6ʿ *40ʿ 0 6. -ʿ
6+ -ʿ .+ 1*0* 8ʿ4 6 1* 8ʿ155 4+ - ʿ3+14ʿ.4 - 16 8ʿ61 - 0*6 8ʿ404 6 1*0 -ʿ 0, 6ʿ<
0<+"3+0ʿ0/0 - 5"+ -ʿ 0,+6.ʿʿ 0:.ʿ+2ʿ - "08ʿ." 3+.*6+".ʿ - 1 .ʿ0/ʿ".21 2+8ʿ 0 04+8ʿ0 6
*60 -ʿ . 1"+8ʿ .*8 0"4 +8ʿ,+ -ʿE."" , 8ʿ ,15 8ʿʿ :0"". -ʿ12 40 0ʿ<+206+ ʿ3+. -ʿ
A+ 6+8ʿV (106 +8ʿ& ""0 +8ʿ,+ -ʿ :ʿ 504 6+ -ʿ,171 6 2+8ʿ06ʿ03+ 6 2+8ʿ ." 3+16ʿ60*02.6
02 8ʿ0 +56 * 2+8ʿ12 0" ʿ * 6 1ʿ: -ʿ0,0 0ʿ - 1/ʿ.4 - 16 8ʿ: ʿ - + ." 2+8ʿ - .,7 ʿ
* 8ʿ,+ -ʿ *90* ʿ + *.ʿ04 6. 0 "06ʿ51 6ʿ3+.6+1ʿ 55+9*.6 1*08ʿ 6 0*+0ʿ 05+" .8ʿ *ʿ3+ ʿ
2+8 - .9*. -ʿ.* - ʿ90*0 1 ʿ".+40 -ʿ - 0 + 6ʿ& ""0 +8ʿ,+ -ʿ*+"".ʿ .+/ " 1 + -ʿ 508ʿ
.9 8ʿ+*4 3+0ʿ * 0 " 8ʿ. +"90 06ʿ6.*40 -ʿ71*0 6 8ʿ,1*4 6 1* 2+8ʿ 6ʿ404 6 1ʿ06ʿ5.4.ʿ
3+ 40 -ʿ.4ʿ5 .0"0*8ʿ 0 :.6.ʿ + 6 ʿ3+ʿ.40 .6ʿ 0:0 0*6 .ʿ *,1"+ - 0 3+0ʿ5 .0 4 . ʿ
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5. , 6+ -ʿ + 6ʿ, +40" 60ʿ51 6ʿ + 6 ʿ4 ,0 "+ -ʿ6 +, 4.6 8ʿ %+ *ʿ 0+/ .ʿ06ʿ(19*0ʿ
.ʿ404 6.0ʿ*0,ʿ*1*ʿ06ʿ? *, + - ʿ,+<+8ʿ 155 4.*ʿ ʿ ,"15506. 18ʿ ʿ 1*608ʿ .**1ʿ
* .0ʿ .4ʿ 0/51 ,0*4.ʿ.+/ " .ʿ - 0 .*6ʿ:0 + - ʿ "" 8ʿ.2ʿ71 6 "ʿ03+ 6.6+ʿ * 4 1 0ʿ *60 ʿ
,056 8ʿ,+ -ʿ + 6 1ʿ .":.ʿ1 - * .ʿ5.4ʿ6 .* 090 +*6ʿ 3+1 + -ʿ0/0 - 5"+ -ʿC 0""1 - 1*
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52 / ! !$ 8 ʿ 2 , $ Iʿ% , $ 52 ʿ # # ʿ ʿ( )ʿ ʿ0 &ʿ ʿ ! Cʿ ! $
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& 6 + - &."" ,+ 6 + - ˁ .".219 + - ˁ 6.6 *.ˁ 0,+6+ - ˁ0 6ˁ G+ ˁ ˁ - . ,+ - ˁ60* ,2. "6ˁ71 6"
' # ˁ ˁ 0/0 , 6.ˁ.4:0*6.*60ˁ50 ,+" 6ˁ *ˁ. ,0* ‹ + 20ˁ40 0 6.ˁ,1* +90 +*6ˁ06ˁ,+ - ˁ + 6 4ˁ50ˁ
5 90 - *6ˁ ˁE "0* ˁ .7+ - ˁ‹. - ˁ. *60ˁ .667.0ˁ2 +0 4ˁ05 ,15ˁ 6 02.60* 8ˁ. 6+ˁ06ˁ
1, ,+"6 8ˁ,1* " 8d+ - ˁ *ˁ01ˁ0 06ˁ+6ˁ *ˁ + 6 ˁ - . *+8ˁ:0* 06ˁ 0 : . 6+8ˁ. *60:0 6 6ˁ‹
06ˁ,+ - ˁ40", 6.ˁ - . *+ˁ155 4+ - ˁ/*9 0 +8ˁ 613+0ˁ,1* .6+ˁ + 6 . ,1 + - ˁ 044 61ˁ155 ˁ
4+ - ˁ *ˁ ."." ˁ,1 - 6 8ˁD .**1* .0ˁ5 .0 4 8ˁ - . *+8ˁ6 .4 4 6ˁ%0*6.6+ - ˁ40 *ˁ ˁ% .‹0, ˁ
6+ - ˁ.4ˁ 1 . - ˁ ,+ ˁ ˁ 0 .0+8ˁ,+ - ˁ +.ˁ"09 1*,ˁ - 51 66+8ˁ +0 .6ˁ 013+0ˁ. 6+ˁ 08ˁ,1 - ˁ
51 6.ˁ +6ˁ 1" , 6.6ˁ *ˁ1, ,+"63ˁ.ˁ ˁ .5 . 1ˁ (03+.*1 + - ˁ 09+"1ˁ06ˁ .56ˁ? 1*6.*1ˁ
- "608ˁ 5040ˁ 6 50*4 1 + - ˁ*1*ˁ*+ - 0 .61 + - ˁ6+ - +"6+. 0*6ˁ 0/ˁ0.3+0ˁ1, ,. 1*0ˁ4+B
,08ˁ +18ˁ06ˁ 0 .0+ - ˁ *ˁ5 - 8ˁ,1 - 5 070*40 0*6ˁ 6+ *ˁ 09 18ˁ +50 :0* ,*60 8ˁ .4 - 6ˁ
60 0*6ˁ 3+14ˁ06ˁ ")ˁ 0,0 0ˁ(04ˁ,+ - ˁ - 1/ˁ *9"ˁ. - .ˁ,05 60*6ˁ06ˁ3+14ˁ0 .6ˁ:0 6 ˁ 0ˁ
,1*6 .ˁ 04 6 1 18ˁ.2ˁ 5.* 8ˁ,1 +5618ˁ +6ˁ+ 20 - ˁ5 140 0*6ˁ * 0 "8ˁ5".60 8ˁ 9*.: 60ˁ
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- +8ˁ ,+ - ˁ - "6+ - ˁ:ˁ,171 6 2+8ˁ 4 8ˁ06ˁ500+* . ˁ3+.ˁ06ˁ6+ - +"6+.*60 8ˁ5". , . : 6ˁ06ˁ
+ 20 - ˁ *ˁ 40ˁ,1* - . : 6

ˁ ˁA1.**08ˁ ˁ 10 R. - +8ˁ(0" +8ˁ +50 1 0ˁ.**1ˁ *ˁ 5.* . - ˁ - 6"8ˁ 0ˁ
4 0 .6ˁ,+ - ˁ"60 8ˁ$7 "55ˁ0/6 0 - 0ˁ.**1ˁ5 1/ - 1ˁ .4 6ˁ 0 56 8ˁ‹ 3+ 2+8ˁ.4ˁ"60ˁ
.8ˁ 4 *+ - ˁ /ˁS."ˁ(056ˁ4.6.8ˁ6.ˁ 0 51*402.6+ ˁ+6ˁ0/ˁ 8ˁ 4 *08ˁ + 8ˁ"60 8ˁ ""ˁ: ˁ
40 0*6+ ˁ5 1 - " 60ˁ 0ˁ *ˁ 0"9 ˁ5 1: *0 8ˁ 0"9 1* 8ˁ .671" , .0ˁ 1 - . *.0ˁ,+"6+ - ˁ
3+."8ˁ +2ˁ . 1"1ˁ:ˁ +0 .6ˁ 0 6 6+6+ 18ˁ3+14ˁ" ,06ˁ4 040ˁ,1*6 .ˁ5. , , . 6 1*0 - ˁE.* ˁ
40*"0 - ˁ.2ˁ 4 * 2+8ˁ06ˁ + 6 1ˁ 5 1ˁ‹+ .6. - ˁ06$7 "551ˁ51 60.ˁ,1* - .6. - ˁ5+9*. ˁ
06ˁ 6. - 0*ˁ(0"" +8ˁ 71,ˁ *ˁ - . *4.6 8ˁ + 8ˁ50 0 56+ - ˁ,1*60*402.6ˁ 1*6 .ˁ 4 *08ˁ
"60 .8ˁ.ˁ 0ˁ 0 56.8ˁ.550"".2.*6ˁ3+ ˁ ,+ - ˁ0/ˁ(0"" ˁ:0 2 8ˁ . , "0ˁ *60"" 90 0*6ˁ *03+0ˁ
$7 "55+ - ˁ*03+0ˁ + 6 + - ˁE.*40* 0 - ˁ5. , , . 6 1*0 - ˁ .6. - ˁ7.20 0ˁ: 0""0ˁ06ˁ1, , . ˁ
1*0 - ˁ.2ˁ0.ˁ4 0040*4ˁ3+.0 0 0ˁ 7.*,ˁ.4 1*0 - ˁ5 1ˁ20""ˁ40 - "*, .6 1*0ˁ. , ,050 +*6ˁ
(,"" +8ˁ6. - 0*ˁ+6ˁ5. ,ˁ 6+40 0ˁ: 40 06+ ˁ.4ˁ .667 . - ˁ , 2 6ˁ06ˁ3+.*41ˁ +50 1 0ˁ.*B
1ˁ6 08ˁ,1,1 4 .0ˁ *0+*4.0ˁ,1*4 6 1*08ˁ5 151 6.0ˁ *6 +6ˁE.*40* 8ˁ5. , , . 6 1ˁ 0 :0 ˁ
6+ ˁ + 6 +8ˁ,+ - ˁ - "600/60 *1 0"9 1ˁ0/,04.6 3+14ˁ 0ˁ . ,0 0ˁ5. .6+ - ˁ 0 - 50ˁ1 60* ˁ
40 6ˁ06ˁ .667 .8ˁ .+6ˁ."+8ˁ *ˁ 0‹+8ˁ"1,+ - ˁ +2 6 6+.6+ ˁ ,1* +"6+ - ˁ: 40 ˁ4 , 6ˁ +6ˁ
$. - 0* 8ˁ *0ˁ. - 8ˁ.4ˁ 4 *08ˁ:0* .6ˁ +6ˁ,1 - - +* , . 6 8ˁ,+ - ˁ01ˁ,1* " 8ˁ4 "" 4 .ˁ12ˁ
0"9 1*0 - ˁ0/1 6.ˁ,1 - 51*0*4 ˁ06ˁ 08ˁ *ˁ 6 .6+ - ˁ3+1ˁ +2ˁ . 1"1ˁ:ˁ0 .*6ˁ 04+,0*4ˁ
.6 1*08ˁ *0.*6+ ˁ ˁ *60 0.ˁ .+ 1*0* 8ˁ12 40 - ˁ 0ˁ *ˁ + 6 ˁ.+6ˁ."60 +8ˁ.ˁ 090ˁ*1 ˁ
- *.*4ˁ5160 6.60 - ˁ" 6.6ˁ G+.0ˁ,1*4 6 1ˁ6.*3+. - ˁ0.56 1 . ˁ06ˁ,+ - ˁ50 ,+"1ˁ .+ ˁ
1*0* 8ˁ,1*‹+*4.ˁ1 - * *1ˁ 05+4 .6.ˁ0 6ˁ‹ *0,ˁ."+4ˁ3+ 43+. - ˁ " .ˁ(0"" ˁ"09.6 1* ˁ
5 1 - 1:0 ˁ516+ 6ˁ $1""E0 - 2". ,0* 0 - ˁ,".40 - ˁ .667 .8ˁ06ˁ .+ 1*0* 8ˁ +/0"".8ˁ
3+.8ˁ + 6 + - ˁ, ,+ - 0 "+ + - ˁ 02.*6+ ˁ156 - 0ˁ - +* :0 .*6ˁ 0" 413+0ˁ *ˁ+ 20ˁ 1 ˁ
+: ˁ,1 - 60ˁ,+ - ˁ 41*0 8ˁ,15 8ˁ *6+0 5 . - ˁ 0506 :0 .*6ˁ 3+1ˁ+2ˁ:,*0 +*6ˁ 0,7" ˁ
* . - ˁ3+. - ˁ‹. - ˁ6+ - +"6+. 0ˁ *60""0/0 .*6ˁ*0,ˁ*1*ˁ06 . - ˁ - 1ˁ *6+0 5 0* +*6ˁ
, : + - ˁ5 .0 4 1ˁ - .*6

& ˁ%ˁ+ˁ5ˁ0/ˁ*$"0+ - 1 8ˁ06ˁ .6.: 8ˁ.*/ " . 08ˁ - "608ˁ0:1, .*6+ ˁ3+14ˁ0.0ˁ5 1: :ˁ
, .0ˁ *ˁ 4 *+*ˁ 40ˁ0 0*6ˁ.,ˁ .6.: .ˁ *ˁ5 - 8ˁ - 60 14. - 1ˁ*+50?.4ˁ12 03+ + - ˁ
04.41ˁ .ˁ+ 28ˁ"1*90ˁ4 6 " - .ˁ06ˁ5160*6 - .ˁ 0 - 50ˁ.ˁ$ 160 6.*6 + - ˁ5. 6 2+8ˁ
."0*.ˁ +0 .6ˁV$06 ˁ$06 0 ˁ5 - . ˁ : 8ˁ06ˁJ .*, 0.*1 + - ˁ 14." + - ˁ3+ ˁ *ˁ " .ˁ
0 - 50ˁ5 .0, 5+. - ˁ.+41 6.60 - ˁ 06 *+0 .*6 ˁ150 .ˁ06ˁ. "4+ 8ˁ0/71 6.6 1* 2+8ˁ *ˁ12ˁ
03+ 1ˁ 0 : .6.ˁ 6.3+0ˁ06ˁ 5.*18ˁ 0 - 50ˁ.4 - 0 .6ˁ06ˁ2 *,7+ .0ˁ: , *.0ˁ *0 6.

/ 4 #

ˁ/ /#" $ 2 $9/ "$ \ # , * ˁ: ; -)$ Iˁ1 #ˁ"(ˁ ˁ1 , #ˁ
!ˁ" #1 ! $ 21 ! #$ # / #ˁ5 93 ˁ1 $ 2 ˁ !ˁ ˁ / , "#
(! "#)$ A !# $ X ˁ; " 2' ˁ ˁ , $ 3)3-3 ˁ*"GG3((3 " ˁ ˁ ˁ
A ˁ% ")0 ! ˁ)$ D ˁ U(! ˁ - ˁ1 ! $ 1ˁ; ˁ; # ˁ."ˁ ; #)ˁ ˁ !

? 6"0 - ˁ12" 4 1* 8ˁ60 - 51 0ˁ "2. * ˁ0/0 , 6+ - ˁ1 - * ˁ 0ˁ*0,0 . .ˁ 04+"1ˁ +2"0: . :0ˁ " & "
.6ˁ (+50 1 0 40 - + - ˁ. **1ˁ ,+ - ˁ2 0"" *9+8ˁ0. *ˁ .+ 1*0* ˁ5 1: *, .0ˁ5 .0 4ˁ ˁ '
+2<+9. 0ˁ60*6. "06ˁ155 4.*1 : -ˁ: 6+60ˁ405+" +8ˁ06ˁ<5 0ˁ ,+ - ˁ, + ,7. :0 1ˁ+ 2 8ˁ -
"6+ - ˁ5 .0 0 61ˁ *60 04+8ˁ +0 .6ˁ* * 6.*60ˁ6. - 0*ˁ .+ 1+0* ˁ06ˁ 4 *+ - ˁ.+41
6.60 - ˁ5 .060/0*60ˁ +6ˁ5. , , .6 1*0ˁE.*40* ˁ +2 , 20 0*6ˁ6.*40 - ˁ71,ˁ. **1ˁ,1*:0*
6+ - ˁ& ˁ 1*ˁ$02 ˁ+6ˁ$ 160 6.*6 2+8ˁ0/6 .ˁ+ 20 - ˁ,1*:0* 0ˁ06ˁ *6 .ˁ+ 20 - ˁ"1,1ˁ5 1 .
*1ˁ +1 ˁ+ - ˁ, .4. :0 .ˁ71 - 1ˁ - .*4.60ˁ" ,0.6ˁ': ˁ5 .0 4 . 1 + - ˁ,171 608ˁ4 - 66.*6+ ˁ'."
.4ˁ, , , ,ˁ.+6ˁ ˁ.ˁ5 .0 0 6 8ˁ, : 6.6 8ˁ,1*", 2.*6+ ˁ .9 66. 1 + - ˁ,1""09 .ˁ * 6.+ 0*6+ 6
8ˁ,1*4 6 1* 2+8ˁ.4 - " ˁ$ 160 6.*608ˁ3+ ˁ *<+ . + - ˁ1" - ˁ. , ,056. + - ˁ3+.8ˁ 05+"
6.8ˁ151 6+ 6ˁ - 0 - 1 08ˁ J .*, ", .*18ˁ. ,ˁ . ,0 41608ˁ+ 2 8ˁ50 * , 1 .ˁ ,1*6 .ˁ 0,1* " .
.9 6. 0ˁ, .+ .6 ˁ . - .ˁ, .5 +*6ˁ01"3+0ˁ+ 20ˁ0/ ,040 0ˁ,1 - 50""+*6ˁ %+ - ˁ0 J+ 1ˁ + 1 0
50ˁ 60 - 5".ˁ9 ."%.*6+ ˁ 6.6+ 8ˁ5. - ˁ06ˁ - .9 * 2+8ˁ 40<04 8ˁ1 - *0 - 3+0ˁ5 ,+ - ˁ,+"
6+ - ˁ 3+. - 4 +ˁ20""+ .ˁ 4+ . 06ˁ .4ˁ 0,+ 6.60 - ˁ5+2" , . - ˁ.21"0*6ˁ G+14ˁ +6ˁ 02+8
.+ 1*0* 8ˁ.4ˁ5 .0 0*8ˁ 1 6. 0ˁ,1*4+, 2 "0ˁ 6.ˁ *: 4 1 + - ˁ06ˁ406 - 0*61 + - ˁ +
."0,1* 60*6 8ˁ 4ˁ 2ˁ*1: .0ˁ .4 1* 8ˁ.+41 08ˁ*1 - 0*ˁ - 5 0 .*6ˁ *40ˁ1, , . 1*0 - ˁ
,1*" ".ˁ +.ˁ.2ˁ .+ 1*0* ˁ 05. .*4ˁ, .5 0*6 2+8
$ˁ 3 ˁ,0 .2.6ˁ + 6 +8å 04ˁ51 6ˁ + 6 .ˁ60*6.6+ - ˁ "% .<04+ - ˁ40U$7 "551ˁ
51"ˁ 66+ˁ06ˁ. 6 0ˁ - 1ˁ .ˁ$7 "551ˁ0/6 0 - 8ˁ,1*6 .ˁ*18ˁ20"" 8ˁ - +* 61ˁ155 41ˁ 6+*,ˁ12ˁ
40*41ˁ,19 6. 0ˁ,105 6ˁ. ˁJ"1 0**01ˁ5 .0 041ˁ 50ˁ 418ˁ *: 6.6+8ˁ404 6 1*0 - ˁ - 1/ˁ
.4+ + - ˁ51"" , 61ˁ ,+<+8ˁ +6ˁ <+ 6 1 08ˁ06ˁ 71*0 6 1 08ˁ .6 1*08ˁ7.20 06ˁ 1 - *0 - ˁ,". - ˁ
,1 - - 0.6+ - ˁ *60 :0 60 .6ˁ06ˁ .55. .6+ - ˁ20"" ,+ - ˁ,1 +50 .6ˁ 4ˁ60 - 0 0ˁ4071 - *0ˁ
*+) +8ˁ *60 ˁ +18ˁ.+41 6.6 8ˁ, 04 6+ - ˁ * - .9*.8ˁ4 ,+ 6.608 + 6 + - *4+ 6 . , : , ˁ
61 . - 0<+85.0*0ˁ0:0 6 6ˁ . - ˁ5 .0 4 . 6 0*+0ˁ * 6 5ˁ 0 - 90 "0 +*6ˁ,+ - 3+0ˁ "Rˁ.4ˁ
. - . - ˁ50 6 *0 0ˁ0/ 6 - . 06ˁ70ˁ6 7 ".ˁ 060*6.6+ - ˁ*1*ˁ +, ,040 06ˁ 0 . - ˁ155+9*.ˁ
6 1*0 - ˁ,1*6 .ˁ3+. - ˁ.2ˁ * 6 5ˁ 50 . :0 .6ˁ.99004ˁ,1.4+8ˁ0 6ˁ: .""13+0ˁ5 1 - 160ˁ,+ - ˁ
5 0ˁ *ˁ150 0ˁ. 4++8ˁ,+ - ˁ$. - 0* ˁ06ˁE1*C.9.ˁ,060 8ˁ0/0 - 5"1ˁ +1ˁ5 .0 06ˁ90 .8ˁ
, .60 8ˁ: - *0.8ˁ. ,ˁ5"+6018ˁ06ˁ . 00 8ˁ,1 - 51 6.*41ˁ.09 6+4 *0 - ˁ *40ˁ51 6 0 - 1"067.ˁ
"0 - ˁ,1*6 . / 6ˁ 02 8ˁ 0 - 56 1* 2+8ˁ ,+ - ˁ - +"618ˁ +1 + - ˁ . - "6 06ˁ : 3+0ˁ0/5+9ˁ
*.*4.0ˁ + 2 8ˁ5 150 - 14+ - ˁ 50ˁ,1*, 4 "06ˁ50 (03+.*+ - ˁ*12 "0 - ˁ*1 - *0ˁ8ˁE.60ˁ
+ - ˁ71 - *0 - ˁ9 .6 1 + - ˁ06ˁ . +)4 .0ˁ0 , . , 8ˁ 3+0 - ˁ50ˁ3+.*4. - ˁ, .+". - ˁ *ˁ155 ˁ
4+ - ˁ *6 14+, ˁ.ˁ5 .0 041ˁ,+ . :0 .6ˁ5 .0 4 . 18ˁ5 1 - 8ˁ60*6.6ˁ + 6 ˁ7+ - .* ˁ
6.60ˁ. ,ˁ" 20 ." 6.60ˁ".+4.6.ˁ3+ˁ: 6+60 - ˁ 5 1 + - ˁ06ˁ5"+ - ˁ . , .6ˁ06ˁ *ˁ5. 60ˁ0", 6.ˁ
6 8ˁ51*.6ˁ ˁ6. *ˁ 6 0*+18ˁ20"".61 08ˁ 2ˁ,1*, " .60ˁ51 " 6ˁ *ˁ 4ˁ6 - 0 6 0ˁ 6 50*4 + - ˁ
12".6+ - ˁ' , .+6 1*0ˁ.4<04.ˁ+6ˁ 3+ˁ0" - " 6.60ˁ*1" *6ˁ " 20 + - ˁ 6ˁ3+1ˁ5 8ˁ"+202 6ˁ 0ˁ
,1* 0 0ˁ3+.8ˁ,1*4 6 1*08ˁ3+. - ˁ71*0 6.8ˁ6. *ˁ*0,0 ". .8ˁ0/ 6 - . 0ˁ,18ˁ4020 0ˁ3+ 5ˁ
50ˁ1 - *ˁ.+/ " " 50ˁ5 .0, ".ˁ 6.3+0ˁ 2ˁ,1* +".*6ˁ06ˁ6+6 1 .ˁ3+. - ˁ71*0 6 1 .ˁ,1* 7.ˁ
- ." *6ˁ *40ˁ1, , . 1*0ˁ + - 56.ˁ12 0 ˁ *60ˁ 0ˁ,1* +"6.*6ˁ06ˁ,+ - ˁ*+*, .6+ - ˁ0 "06ˁ
,/ˁ,1 - 5.41ˁ +2ˁ 4ˁ60 - 5+8ˁ." 3+16ˁ.+/ " . 0 8ˁ03+ 608ˁ.2ˁ .+ 1*0* ˁ + - - "28ˁ.ˁ
090* ˁ,1 - 60ˁ? . "0 - 1*6 ˁ .6 0ˁ *60 ,05618ˁ. ,ˁ, .0 18ˁ0" 0ˁJ"1 0**0+8ˁ404 6 1*ˁ
* 6.6ˁ06ˁ6.*40 - ˁ,+ - ˁ + 6 1ˁ5 251 6 8ˁ,1*4 6 1* 2+8ˁ6 .* 96ˁ/ ˁS."ˁA+* .8ˁ % 08ˁ
,171 608ˁ. , ,0561ˁ6 - 0 6 ˁ6 50*4 1ˁ *ˁ + 6 ˁ, . 6 .6 .* 0+*6ˁ 0" 3+.0ˁ4+.0ˁ0/5" ˁ
, .6 8ˁ 9* 8ˁ *,1"+ - 08ˁ *ˁ6+6+ - ˁ404+,+*6+ ˁ J .+"1ˁ 51 6ˁ,+ - ˁ + 6 +8ˁ: ."06+4 * 8ˁ
, .+ .ˁI . - + ,+ - ˁ,1*,0" "06ˁ "0/ ˁJ. *0 +8ˁ0<+8ˁ: , . +8ˁ * - 2+ 90* 0 - ˁ.9 + - ˁ
4+, 6ˁ06ˁ." 3+16ˁ, ,+ - ˁ155 4+".ˁ, .5 6ˁ< *ˁ 3+0ˁ 0+4. - ˁ3+14ˁ0 6ˁ *ˁ .50ˁ5 .0 +56.ˁ
0/ , - ˁ, . 60""+ - ˁ" .6+ .ˁ * +50 .2 "0ˁ< 3+14ˁ.ˁ ˁ5 .0 4 . 8ˁ60*02.6+ ˁ +2ˁ4+12+8ˁ
4+, 2+8ˁ3+ˁ6+4 8ˁ *60ˁ 0ˁ4 " 402.*6ˁ 1 + - ˁ+*+8ˁVˁ 014 ,0* 8ˁ3+ˁ 09 8ˁ5. 6 2+8
. :02.6

ˁ 71 "$ 3ˁ ! 1 ! $ˁ - 0 / , ˁ @ /#$ - ; / , $
2 ˁ(, ! !)$ > " 2ˁ& ˁ ˁ9 # ˁ 2 ˁ: "#ˁ ˁ / " ˁ 2 ˁ: "## # " !#ˁ 52% +
" $ ˁ / # ˁ ˁ1 ˁ /ˁ/3)ˁ
ˁ !ˁ

& ˁ . :02.6ˁ156 1*0ˁ40".6.ˁ 5, 1ˁ +6ˁ.+6ˁ,+ - ˁ: ˁ40"04 8 *ˁ. 00ˁ - . 0 06ˁ.+6ˁ,+ - ˁ 0" 3+"8
' # ˁ ˁ.4ˁ .+/ " . ,/504 0*4.5 1 , ,0 06+ ˁ."60 ˁ.4ˁ.+/ " . . , ,0 0*4.5 1 , ,0*4ˁ,1*4 6 ˁ
1*0 - ˁ. , , 5 6ˁ 6ˁ 014 , , * 8ˁ6 2+8ˁ0/ˁ 8ˁ3 ˁ 0,+ - 0 - . * 0 .*6ˁ,1 +56 8ˁ,060 ˁ
18ˁ 155 - 6ˁ06ˁ 6.ˁ. , 8ˁ,1 - 518ˁ 0. *ˁ.4:0 - 0*6ˁ . *0 1ˁ6 .4 6ˁ 3+.0ˁ.4ˁ - 2+ 9ˁ
12 4 1*0 .ˁ - . / - ˁ - 1 - 0*6ˁ + 6ˁ *40ˁ5 1 - 16 8ˁ, . 2 8ˁ - 2+ 9+ - ˁ404ˁ<+ %+ - ˁ
0,+ .*6 2+8ˁ155 4.* 8ˁ.4 - 16.ˁ61 - 0*6.ˁˁ3+.ˁ 0ˁ.661* 618ˁ018ˁ,1* 5 , .6+8ˁJ. *0 +8ˁ
,+ - ˁ,1*4 6 1*08ˁ5 151*0 0*6ˁ: , - ˁ.+4 0ˁ*1"+ 6ˁ 6ˁ5 .0 0 61ˁ,+ˁ .6 8ˁ.* - ˁ
.4ˁ 0 60*4+ - ˁ0 .6ˁ.4ˁ ., 0*4+ - ˁ + 8ˁ.* * + - ˁ . ,+"6.8ˁ40 + 6ˁ 6.3+0ˁ,+ - ˁ." 3+16ˁ
6 50*4 . 8ˁ155 41ˁ 0" 61ˁ *ˁ. ,0 - ˁ,1* +9 6ˁ+2ˁ. - ˁ 0ˁ40 0*4, 0ˁ5. . 06ˁ06ˁ 6 ˁ
50*4 . 8ˁ.* *.ˁ,1*, 40 0*6 5 0ˁ,+ - ˁ 7 61571 1ˁ 1*4 .91* 1ˁ6 .*" 9, 0ˁ,1. 6+8ˁ
0 6ˁ" 20 6.60ˁ#% .<0 6+ - ˁ +50 +8ˁ.20+*4ˁ,1*,0 %.ˁ " + - ˁ0<+8ˁ - .<1 ˁ5. 8ˁ51 60.ˁ
+ 6 1ˁ - " 6.: 6ˁ &.",0 - 2+ 97+ - ˁ40 *ˁ.ˁJ. *0 1ˁ , ,056+ - ˁ 06 ."0 - + - ˁ: 0/ ˁ
5+9*.6+ - ˁ 0 13+0ˁ06ˁ 9*0ˁ *ˁ: 418ˁ .0: 6+ - ˁ) "60 +8ˁ5 1,040*60ˁ0/0 , 6+ˁ,6 ˁ
. - % .<04+ - ˁ +50 +8ˁ60*6.6+ - ˁ 04ˁ 1 "+: 1ˁ,1 - 60ˁ +50 :0* 0*60ˁ,1*.6+8ˁ + 6 .ˁ
+ 6ˁ *40ˁ 4. ; +8ˁE1*C.9.ˁ,+ - ˁ5. 60ˁ0/0 , 6+8ˁ +2ˁ +/0"".8ˁ06ˁ ˁ 1*608ˁ .**1 ˁ
* .0ˁ515+".61ˁ, ,+ - ˁ.9 1ˁ, /,+, :+ 6ˁ 50ˁ,1*,056.ˁ+6U 0,7" * .ˁ1, ,+"61ˁ,1* , 1 ˁ
+ - ˁ *+ 20ˁ. 6+ˁ *ˁ5160 6.60 - ˁ:0* 06ˁ 04ˁ,1* 5 .6 1*0ˁ40604.ˁ 5 0ˁ - .9*1ˁ +1ˁ
- ."14 ,04, 0,19 6+ ˁ . - - 1/ˁ 4 *08ˁ,15 .8ˁ - .9*1ˁ *+ - 0 1ˁ04+,+*6ˁ 3+ 2+8ˁ
,040 0ˁ,1.4ˁ + 6 .4ˁ * - 1 .ˁ"1, .ˁ.ˁ 0ˁ.*60.ˁ, .56.ˁ40 0 +*6ˁ06ˁˁ 1: .* 1ˁ 0: .ˁ
:0"".ˁ *ˁ .2.*6 .ˁ5 .0 4 1ˁ **.6 8ˁ, , .ˁ(%70*.8ˁ, . 6 .ˁ51*+*6ˁ 4ˁ (": . - ˁ
4+, 8ˁ; . 1ˁ5+9*.0ˁ0:0*6+ˁ .05 +8ˁ00 6.6+ -

ˁ Y ˁ40ˁ E0 - 2". ,0* ˁ,".40ˁ <5. .ˁ J .*, ,+8# *4 + - ˁ4+/ˁ 09 8ˁ .60 \ˁ
3+ ˁ<. - 5 40 - ˁ 0"9 1 *7 .2.6ˁ5 16 *+8ˁ.4ˁ 4 *08ˁ J+90 0+ - ˁ - 66 6ˁ,+ - ˁ - .*4.6 8ˁ
3+ 2+8ˁ 0ˁ +. - 3+0ˁ150 . - ˁ06ˁ1508ˁ5 1" /0ˁ40 0 02.6ˁ G+ ˁ.$7 " 551ˁ40 0,0 .*6ˁ,6ˁ
6. - 0*ˁ.2ˁ .+ 1*0* 8ˁ5. 6 2+8ˁ." 0*ˁ0 .*6ˁ,6ˁ .667 . - ˁ.ˁ 0ˁ0:1, .6+ - ˁ.2ˁ .+ 1 ˁ
0 ˁ5 .01, ,+5.6+ - ˁ41"02.*6ˁ *4 *1ˁ .:02.*6ˁ J+9, 019 .6 .0.4.0ˁ06ˁ 0 51* ˁ
+ - ˁ 0 - ˁ9 .6. - ˁ5" 8ˁ .4+ + - ˁ *4 * - ˁ ˁ"09.608ˁ,+ - ˁ3+ 2+8ˁ *ˁ,1 - - +*0ˁ,1* + ˁ
"0 0*6ˁ - 660 06ˁ 6.3+0ˁ - " ˁ5 16 *+8ˁ *61* *8 ˁ(" +8ˁ +5 516 ˁ,1 - 08ˁ06ˁV ˁ 1 ˁ
,7+8ˁ(1 20+8ˁ$ +*0+8ˁ 3+ 2+8ˁ.4ˁU E "0* .*+ - ˁN 0 : . 6ˁ4 " 90*6ˁ 1"0 6 .ˁ 0 ˁ
: .6+ - ˁ12: . - ˁ5 1,0 0 0ˁ$7 " 55+8 .".* +8ˁ,1 - 08ˁ . 1"+8ˁ?E.+ +8ˁJ 0 * +8ˁ%70Nˁ
141 +8ˁ ˁ 067 0"6 +8ˁ. 0 1 ˁ 2ˁ* 7 "ˁ 0 0ˁ40ˁ,1*4 6 1* 2+8ˁ 9 "".6 - ˁ.4+ - ˁ< 40ˁ
3+ 2+8ˁ51 60.ˁ(0/6 "ˁ - 0* 0ˁ,1*:0*666 - ˁ0 6ˁ6.*6+*ˁ"09.6 8ˁ,1* - .6+ - ˁ + 6ˁ".06+ - ˁ
+* :0 1ˁ 0"9 1ˁ *4 * ˁ.4:0*6+ - ˁ 1 0?ˁ + - ˁ71,ˁ 0 51* 1ˁ.4ˁ *4 *+ - ˁ"09.6ˁ 04 ˁˁ
0 0 ˁ3+ˁ<. - ˁ: ˁ, 1ˁ504 6+ - ˁ, ˁ03+ 608ˁ0/ˁ:1"+*6. .ˁ*12 " 6.60ˁ,1* 0 5 0 .6ˁ
3+ 2+8ˁ,+ - ˁ 6 50*4 + - ˁ*1*ˁ *+ - 0 . 06+ ˁ - - .*0ˁ3+. - ˁ .0: .ˁ+2 3+0ˁ9 . %.6ˁ +*6ˁ
" ,0*6 .ˁ *,ˁ *12 " + - ˁ3+ 40 - ˁ41 - 2+8ˁ50ˁ.9 18ˁ5. ,0*608ˁ5.6 0*60ˁ 090ˁ3+ ˁ . ˁ
6 0*.ˁ3+.: 8ˁ,1*4 6 1*0ˁ,+ - ˁ 03+., 2+8 + 8ˁ0/6 .ˁ 09*+ - ˁ0 0ˁ50 ,+5 02.6ˁ6 0,ˁ6.* ˁ
3+. - ˁ.+/ " . 08ˁ 04ˁ3+.4ˁ * 0 6 " - ˁ75 608ˁ 0"9 + - ˁ *9 0 " ˁ 4ˁ + 6 + - ˁ<. - 5"0 ˁ
*1ˁ9 .4+ˁ.4ˁ: 41 3 - ˁ*609 . - ˁ. 5 .6 60 - ˁ." 3+.*6+ - ˁ 06. 4. : 6ˁ3+ ˁ+6ˁ*1 6 1 + - ˁ
,+ - ˁ 0"9 8ˁ. 4 1 0 - ˁ,1*<+*4 1*0 - ˁ - 504 06ˁ - .74.6.ˁ3+.0ˁ.ˁ$7 " 551ˁ7.202. ˁ
5. - ˁ5+2" , .: 6ˁ 8ˁ06ˁ5"0*+ - ˁ: , . ˁ - 50 + - ˁ.66 2+02.6+ ˁ06ˁ . ,+"6.8ˁ4.2.6+ ˁ
9 .6 . - ˁ5 .060 61 + - ˁ+* :0 8ˁ . , 0*4 ˁ - 141ˁ *6 .ˁ,0 6+ - ˁ60 - 5+8ˁ 4ˁ / /ˁ4 , + - ˁ
5 .0 * 6+ - ˁ + 6ˁ. - .ˁ4051*, 0*6ˁ06ˁ 0" 9 1*0ˁ,1* 6 6+6.ˁ.4ˁ12 03+ + - ˁ 04 0*6ˁ
06ˁ+6ˁ51 6+".6 8ˁ 4 *+ - ˁ .6 8 . ,0 0ˁ: 40 06+ ˁ0/60 *.8ˁ, 5 .8ˁ 0ˁ4 - 660 0ˁ *ˁ .* - 1ˁ
7.20 0ˁ40*+5ˁ,1* - .: 6ˁG+14ˁ+6ˁ .40ˁ,1 - 5 12. 06ˁ.ˁE."" 8ˁ.ˁ . 1"1ˁ .*8 0"4 .ˁ
,1*4+4 8ˁ * 6 + - ˁ 0, 6ˁ3+18ˁ 5.* 8ˁ *: 18ˁ5 1/ .+8ˁ *4 * ˁ.4:0*6+8ˁ 5 6ˁ +"50418ˁ
044 40 .6ˁ & ˁ 1

ˁ % $ ˁ? 2 3/ ! / $ 2ˁ "$ 2ˁ "$ 2 !)$ 2 , /#ˁ]2
! 6 ˁ * *ˁ ˁ% $ ` .ˁ / & ˁ 3 ˁ ˁ> ˁ ˁ ˁ+ 0ˁ. ˁ ˁ" .
" .ˁˁ + ' $ˁ $> A ˁ ˁ+ , ' & ˁ 2B 6 * ˁ ˁ ˁ, D ˁ > :
6 ˁ. * ˁG& ˁ $ ˁ "ˁ 2

(%) ʿ ʿ &

& ʿ ʿ1ʿ-ʿ3ʿ4ʿ60 - 51 0ʿ * 6 9.6+8ʿ.ʿ$7 " 551ʿ06ʿ + 6 1ʿG.0 . ʿ,+ - ʿ51 6ʿ 0 - -ʿ & ʿ
&. 0 - 21* ʿ - . ,7 1*0 - ʿ E027. 4+ -ʿU% +,70 + -ʿ 1"1* 0* 0 - ʿ 06ʿ A.,12+ -ʿ ' # ʿ ʿ
U +-ʿ2.ʿ0: 0* 0 -ʿʿ. ,7 05 ,1518ʿ 0560*Z 18 . ,7 05 ,15+ -ʿU(." 82+ 90* 0 -
J0 4 *.*4+ -ʿ . 1. .04+,0 -ʿ06ʿ 671*0 -ʿ 0* ,+ -ʿ(,7+. 682+ 9 + -ʿ,1 - 60 6ʿ
40"09. "06ʿ 3+ ʿ40ʿ,1 - 51.0*4 8ʿ 0"9 ʿ - 16 2+8ʿ .60 ʿ$7 " 55+ -ʿ06ʿ 4 *08ʿ 0"9 ʿ . ʿ
6 1*08ʿ . 0 * 6<ʿ (,7+. 682+ 9 + -ʿ5 .0. 0 .6ʿ3+ ʿ3+ 4ʿ .667 .8ʿ .60 ʿ.2ʿ .+ 1ʿ
0 ʿ06ʿ,060 8ʿ5 1,0 2+8ʿ50 +. +8ʿ .ʿ41 - +8ʿ + 6*., .0ʿ5 .0<+4 , + -ʿ - 1" 06+ ʿ 0ʿ
4+"1ʿ12 0 :. 06ʿ 8ʿ 40ʿ .0 . 8ʿ09 09 .ʿ, 9.ʿ 5 18ʿ:1"+*6.60ʿ - +"6.ʿ5 .0 .6+8ʿ06ʿ40ʿ
5"1 .61ʿ 5ʿ1 + -ʿ - 0 .2 "ʿ6.6+ʿ *ʿ5 - 8ʿ4+1ʿ+ 906ʿ +6ʿ 0" 9 1* 8ʿ - .<1 + -ʿ,1* 0 ʿ
:..4.0ʿ06ʿ12 03+ ʿ5 *, 5ʿ +1ʿ 09 6 - 1ʿ402 6ʿ .6 1*0 -ʿ7.20 0.6ʿ) *40ʿ,.56.ʿ1, ʿ
,. 1*0ʿ 4 * + -ʿ5 1,0 08ʿ0:+"9.61ʿ5 1" 1ʿ , 561ʿ.4ʿ4+1ʿ,.5 6.ʿ " .ʿ 0 51*40*6ʿ 06ʿ
.2+.40ʿ 8ʿ.ʿ 0ʿ .6 8 .4+ -ʿ1 60.4+*6ʿ 0,+*4+ -ʿ5.4.ʿ5., ,.6 1* 8ʿ E.*40* 8ʿ3+. -ʿ
21.1ʿ 0" 9 1* 8ʿ .4. - ʿ * 7 "3+0ʿ *ʿ 0ʿ5 06.6ʿ :0 .0ʿ,1*6 . + -ʿ7.20*60 - ʿ40"04ʿ
6701"19ʿ 1:.* 0* 08ʿ.55 12.:0 *6ʿ06ʿ + 6 +8ʿ51 60.ʿ.ʿ 0/ʿ40* 3+0ʿ .6. -ʿ7.2+0ʿ
*6ʿ (04ʿ. - 2 6 1*0ʿ + 6 ʿ 0"9 + -ʿ *ʿ - 0 . -ʿ 0 : 6+60 -ʿ 04 90 0ʿ .6.90*6 8ʿ06ʿ
- 5 12 6.60ʿ "5.*1 - -ʿ3+ʿ, ,+ -ʿ 5 + -ʿ *6ʿ0 04+ -ʿ4 ,+*6ʿ+6ʿ 0 - 04 + -ʿ156 B
- + -ʿ *ʿ60 - 51 0ʿ.47 2 6+ -ʿ* 7 "ʿ5 1 +0 6ʿ * 7 "1 - *+8ʿ3+.*6+ -ʿ.4ʿ 0ʿ1 , 1ʿ +1ʿ
40 +*418ʿ0 0ʿ .. - ʿ*0ʿ*, ,0 "0ʿ7.20 0*6ʿ.4@+ 6. -ʿ40 0* 1*0 -ʿ.+/ " .ʿ0/60 *.ʿ." 1ʿ
+ - 3+0ʿ5 *, 5+ -ʿ5.6 1, * + -ʿ ,1* +90 0ʿ .667 . -ʿ$7 " 55ʿ90*6 "0 - ., "0: + -ʿ
,:1,."%0ʿ .ʿ 50 ʿ +55" ,08ʿ " 20""18ʿ40 *40ʿ.ʿ 090ʿ506 7 0ʿ+6ʿ0+ -ʿ 0" 9 1* 8ʿ.*6 3+.0ʿ
50 6+4 1 + - .+41 6.60ʿ +.9+20 *.61 0 -ʿ, 0. ,ʿ." . - ;0 4 * 2+8ʿ9 .6+ -ʿ *ʿ 5 +8ʿ
"1,+ -ʿ +2 " 6+0 0ʿ4 9*. 06+ ʿ< 04ʿ + 4.8ʿ06ʿ.4ʿ6. *ʿ + 6.8ʿ +55" ,.6 1*08ʿ.2ʿ - - .* 2+8ʿ
0"9 ʿ71 6 2+8ʿ12 6 +4.8ʿ.+ 08ʿ0<+8ʿ 050 ,ʿ3+.*3+. -ʿ. - R1 + -ʿ5) , 5) -ʿ06ʿ$1 ʿ
6+9."" .0ʿ 09 8ʿ *ʿ5 - 8ʿ,1 - - 0*4.6 1*, - - 5"1 .:0 *6ʿ*+*, .+60 -ʿ*1:1ʿ,1 - ʿ
- 0*61ʿ + 8ʿ +55" ,.6 1* 2+8ʿ ""+ + - ʿ*. - ʿ,+ -ʿ4.6 8ʿ40*."" ʿ12 03+ ʿ +50 1 0ʿ .7ʿ
ʿ.4ʿ 090 -ʿ) 60 8ʿ<+/6.ʿ5.4.ʿE.*40* .ʿ5+2" 0.0ʿ3+ 06ʿ,1* +"ʿ5060 0*6ʿ9(0"" + .ʿ
,+ -ʿ 09 8ʿ) 60 8ʿ : /ʿ6.*40 -ʿ51 6ʿ"0 - 0 660ʿ0/ʿ 5.* .ʿ 04 " 0ʿ 3+ 2+8ʿ 6.ʿ.4ʿ 4 B
*+ -ʿ51 6+".6.ʿ 0 51*406+ ʿ3+. ʿ ""ʿ + 8ʿ) 60 8ʿ5 1 - "%0*6ʿ 0ʿ .671" ,. -ʿ 1 - . ʿ
*. -ʿ 0" 9 1*0 -ʿ01ʿ 6.6+ʿ50 ʿ 0"9 + -ʿ 0 6 6+6+ 18ʿ3+1ʿ . 1"0ʿ:ʿ60 - 51 0ʿ + 6ʿ 4ʿ4 ʿ
040ʿ,+ -ʿ5., ,.6 1*0ʿ.ʿ 090ʿ,1* - .6.ʿ5+9*. 0ʿ*03+0ʿ:061ʿ *ʿ +.ʿ5160 6.60ʿ0 "0ʿ
.+6ʿ *0ʿ - .* 0 6.ʿ.*6 3+.0ʿ 0" 9 1* 8ʿ50 * , 0ʿ60*6. ʿ51 "0ʿ3+ 550ʿ*1:+ -ʿ7.+4ʿ4+ʿ
2 0ʿ 20""ʿ, : " 8ʿ *,0*4 + -ʿ0/, 6. ʿ ʿ 0"9 ,.0ʿ5 1: *, .0ʿ.ʿ *ʿ5 - 8ʿ 1"".*4 .ʿ.,ʿ
=0".*4 .ʿ 0ʿ 60 + -ʿ4+ 8 5.* ,.0ʿ *3+ 6 1* 8ʿ40, 06 8ʿ+ 90 ʿ0*6 .*6ʿ* 7 "1 - ʿ
*+8ʿ4ʿ - 1 4 ,+8ʿ40 0*40 0ʿ(0"" + -ʿ06 + 6 + - ʿ3+. ʿ 4 *08ʿ5.4 8ʿ6. 0ʿ*1" *6ʿ20""1ʿ
,1*6 .ʿ 0ʿ - * - 0ʿ.2 60 0ʿ013+0ʿ 0 -ʿ404+/ 0ʿ +6ʿ,+ -ʿ1 - *0 -ʿ .6 1*0ʿ +55) ,.ʿ
6 1* 2+8ʿ5 *, 5+ -ʿ.4:1, .6 1* 2+8ʿ : . -ʿ5 .0,"+ . - ʿ 090 - 3+,ʿ .2ʿ 8ʿ06ʿ "2.*1ʿ
5 .0, 5+0ʿ3+ ʿ7.8ʿ, .". - 6.608ʿ * *.61ʿ ,1*6 .ʿ 0"9.8ʿ14 1ʿ - 51 6.:0 *6ʿ, ,+ - 0ʿ
+ - ʿ* 7 "ʿ40ʿ 0:0 6.60ʿ 0 - 660 0ʿ: 40.*6ʿ0/ʿ*0,0 6.60ʿ,1* " .ʿ0/6 0 - .ʿ,.50 0ʿ,1ʿ
9.*6+ ʿ 6.3+0ʿ3+. -ʿ40 - 0ʿ06ʿ0* /0ʿ51 +*6ʿ .0 . 0. -ʿ - .<0 6.60 -ʿ12 0, . 0ʿ06ʿ
1260 6. ʿ 0"9 ʿ3+14ʿ - 50 ʿ*1*ʿ,1*60 - *054.ʿ 6ʿ51 6 1ʿ - 0 0.6+ ʿ< .667 .03+0ʿ
.6 ʿ06ʿ 4 * 2+8ʿ *ʿ, .+ .ʿ3+.0ʿ06.4ʿ 5 + -ʿ5 :.6 -ʿ50 6 *06ʿ5 .0 61ʿ 6ʿ06ʿ.+41 ʿ
6.60ʿ +.ʿ3+.6.*3+. -ʿ1 - * + -ʿ4 4 1 + -ʿ06ʿ,1*6 1:0 . + -ʿ1 2 8ʿ 7 6 .*ʿ.ʿ
01ʿ<+40/ʿ06ʿ. 2 60ʿ,1* 6 6+6+8ʿ5 .051""06ʿ, , .6ʿ+6ʿ1, +8ʿ0/6 *4 1ʿ *0ʿ".6 +8 , ʿ
5.6ʿ, : " 8ʿ - ."ʿ *,0*4 1ʿ5./ʿ *ʿ7 8ʿ5 1: *, 8ʿ.03+.2 "ʿ<+ 0ʿ,1* 6 6+.6+ ʿ0650 ʿ5.ʿ
,0 -ʿ 0" 9 1*0 .671" ,.ʿ. "0 6.ʿ402 6+ -ʿ5 *, 5ʿ12 03+ + -ʿ 0 6 6+.6+

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% Nʿ 2 ʿ ! ʿ 2 ʿ #>ʿ 2 ʿ. ʿ"ʿ. ,)$ Iʿ #6 ʿ 2
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ʿ # G=39 39 >32H 3(3+)32=95 >3 3)30 ' ' ?5 "&3 ʿ))! 3 =Lʿ ! 1)3 >3 ?:"=)a3 D
=3 ʿ 1 3)5 2('29 3&<C23 >3 Q'=)a0!2=B< ^ʿ >3 21+ 9ʿ ,16* - 0 >3G2)3a >3 *3 1G3=32=ʿ ; #$
".ʿG"=) >2 >23 >3 (3&395 Q3= ?3= +'32= >3 E -

. ' C ' G -

) 44 ? ! &) ' ' '60 - 51 0' 4 *08' *6+0 5 .0 ' 3+1' .667 .8.+". -'6 .* 6+"0 .6' +6
' # ' ' 4 4 8' 40 -' ." 3+1' 150 .0' 5 06 1' .,0 0*6' *1:. -' ,1* 6 6+6 1*0 .' 5 1 - +"9. *6' / '
S." ' . .8' 3+.' 40*+1' E.*40* 8' 5.1 ,.6 1* 8' 12 0 :.6 1' , 6+ ' *9+" 8' *' 0. *'
<+ 0<+ .*41' .4.4 8'< 5 17 206+ 3+0' *0' 3+ 8' ,+ -' 71 6,' ,1 - - 0 , .' 7.20.6' .+6' *' ,1* '
, 1* 2+8' 0 - 1* 2+ :0' 1 J0* 1* 8' 5"0*. 8' :1,08' .+6' ,1* : 4.' * .667 . - ' .+ 1 '
0 0 -' 4 *+ - 3+0' 5 1,0 08' <. , .6' .*4.6+' * +50 ' <+ 8' 5 .0 04 8' +6' *')'
3+ ' 0/6 .' 1"". *4 . -' .,' =0". *4 . -' ." 3+ 4' ,1*6 .' 0" 9 1*0 -' .671) , . -' 1 - . '
* . -' .660*6. :0 *6' .+6' *' 0<+8' 1 J0* 1*0 -' 3+ 43+. -' - 1" 6' +0 *6' !1 J0* 1* 8' *1B
- *0' ,1*, 1*08' 2.56 - '." .3+0 *' + +' 0" 9 1* 8' $ 160 6. *6 + -' 5 17 2 6.' *60"" 90 '
2. *6+ @ <+ 8' 91 ,' 06' 0/0, +6 1*0' +6. *6+ ' G+14' 50, 1 0' 40, 06+ - ' *1*' 50 *40'
3+. *6+ -' .4' $ 160 6. *6 + -' ,.+ . - ' 0 :. ' 516+ 6'< 3+ 550' , 0 ,0*60' ""1 + -' 5., 8'
' 20*0 , 1' *' 4 08' .4' +.' 040+*6 + -' *+ - 0 1' 06' *0,0 ". .' 01 +*40 -' .4' 20""+ -' 12'
' + 5 , 1*, 8' 7 4+ -' 150 .' $1 6 4 0' ,+ *' .,0 ' 1 41' *' 5.4 ,.6 1* 8' E.*40* 68' ,.B
5 6.' 06' +"6 - ' 7+<+8' 40, 06' :0 2.' ., . - 0*61' .4 90 06+ ' 51"" 5 .0 6 6+ -' .2' . *6 6 6 '
2+8 0"9 <+ . - 0*6+ -' , 6.6<A0 +R.0 3+ ' *6+, 5 .0 4+ -' "2.*+8' 0"9 15 .00 %06'
3+ H .* . - 41 - + - .?|| (,7061 + -' . - " . 3+ 9 .*1' *+ 20 - - 9 .*60' 0 - 56. - '
- .9* ,,' 1" -' 6 +4. - 06' *' "+18' + +8' .,,1 - - 14.6. - 7.2 6.2. *6' <+ . 0' *1"+0 +*6'
*0' 5 1 0 -' 40 -' 51*6 ,' 1 - .*1' + 6 ' . - ,1' 06' .+/ " .61 ' 0 - 0" 12 6 4. - ' '
6. -' .,0 0*6' + - 3+0' *' 5 151 61' 5 .0 .40' 50 0:0 . 0*6' *0,' ., ' 1 4 * 8' 0/0 - '
5"1' .44+, ' 51 J0*6' +6' 40, 061' 5. 0 0*6' 6. *40 -' / :' S." ' A+* .8' + 20' 0/ .4 ' +*6 06' *.: '
9 8', 0, h * . -' .:04 ' .63+0' *40' + 6 ' - .*4.6+' 1:. * 1' 0,056' +*6' 0, + . '
2. *6' 06' * 6 1' J .*, ,.* ' 04' .' ., 1' 1 4 *0' 50 +. ' 0/' 8' / /' ., . - 0*6+ -' 4 ,+*6'
% % ' 3+' .* - + -' ,1*6 .' 12 - .:0 +*6' 06' *' 8' ,10*12 ' ,+ 618' 0/6 .' + 20 -' 0"0 '
9. *6+ ' + .' 0 - 0 06' 5"028' 06' +* :0 18' 0/6+ 2.*418' 04 6 1 0' *,". - . 0 ' ,1 - 5 0 '
70* 8' 4+12+8' 3+ ' . - .' 3+. " *' ,10*12 + -' : -' .4+ ' + - 5 0 .*6' 06' 0/6 0 - 1' +5 '
5" , 1' ."J04 8' 6+ - +"6+8' 3+ 0: 6' %+ *' 0/' 1,, .""1*0' 1 *0" ' 2 .4 .*' 1 4 .,0* 8'
0/' ""1' 1 4 *0' 616 8' "" 8' 09 1* 2+8' . - 1" " - ' ,1*, 1*.61 8' 3+ ' * +"6.' ,1*6+ - 0" 1",'
*' 5 *4508' 06' 4 *08' +50 1 2+8' 60 - 51 2+8' 4+ -' *' +90*"" ,10*12 1' 4090 06 '
4 /0 .6' 0,0 .63+0 ' 06' 40:16. + -' 10 - *. + -' 04. - ' .44 6.' 0, 06.' .,' 5+40*4.' 4 '
, 5" *. ' * 6 6+0 .6' 0*1:. 6+ -' *' J .*, , .*18' 14 + - ' 3+ 4. - 3+0' 0/' 8' 3+ ' ". , '
:1, .*6+ ' 06' :161' 2"+6' ." 8' 0 : +*6' *' 70 18' +18' .' 3+ 2+8' *4 9*0' 6 .4.2. *6+ '
+21 *.6' 018' 4060 6. *4.0' " 2 4 * 8' .5+4 - .9 6 .6+ -' 51 6+". *6' + *4 ' *' : *,+".'
,1*<04 ' ,19* 6 1*0' UA141,1' + ..*1' 06' 09 4 1' ' h 6" 1' J". *4 .0' 8' ,1*"" . 8' '
.667 .' 40 - .*4.6.' $"+ 08' ,4*: 4 ' 6 08' .4' 9*0 -' 4. - *.6 ' 616 40*': 9 8', .0" '
,1* 6. *6' .47+,' *60 ' - +"618' - 0 - 1 .' 0<+ 40 -' , - * 8' ,.+ .' 1" - ' .0 . , ./ '
- " .*1' - 50 .*60' 7+<+8' - 1*. 60 ' 14."0 8' + 20' 5+" 18' + "%0' .40 -' 0:0 6.60' 06'
*' 018' " E.*4.:' *3+ 6+ -' 0 6' ";' J .*, ,.* ' ' +9+ 6 * .*+8' ,1*: 4 ' 5+2" ,,'
0/+ 6' +*6' 5"+ 08': 9 8', .0 ' ' 14 13+0'. ,,0* 1' :' - 0*4 ,1 + -' 1 4 *08' 12' 4' + 20'
9*1 - * 1 0' 5+"" ' (0,+*4+ -' 7.0,' 0:0 0' .2' 4 * 2+8' 40, 06+ - ' + 6' +6' 50* 6.6 '
5*08' 3+.8' 5 1', .670 ." 6 1' .**.6.8' :+"91' :1, . *6' 6. *3+. -', .4+, ., /' ., 0 416 8' :. '
, . *6 2+8' 51*6 , ' 4050*4' - 18' 0 6' +"50*40 0*6+ '< 0. 3+0' 1 - . -' - 66' .4' 5 .0 0*8'
5 17 2 6+ -' 0 6

' ' 4+ -' ,1""13+ + -' 5 1' 0"9 ,.' 5. , ,.6 1*0' * 6 6+0 06+ ' - 50 '
,1 - 6 .' ' h 1 - .6 .0' &. *9 1*+ -' *4 /0 .6' "1,1' 5 15 1 0' 06.4' 08' "" +8' 5 1: *, .,'
1551 6+* 1 0' 1'.' .667 .' - "J+8' J7 " 55+8' R . * / +8' (.*6."4091*4. *+8' 1 .6 1 '
*0 -' - 0' " 20 . -' .4' 0560 - : 18' 06' - 50 ' 5 *, 508' 3+ .40 .*6' 1* 8 . 7. '
2+ 6< 3+. ' 405"1 .61' - 0 .2 "' 0"9 ' 6.6+' 06' "2.*' + 6 3+0' 6; .** 40' ., 0 2 8
:0 2 8'

'%' ' '$ ' ' ' +.' ' ' $' ' ' ' ' U& 'B 0
* 0' '. $' '. 6 . ' '> ' #, ' D R D' A' '

ˢ #ˢ . T1

:0 2 8ˢ0/.9 6.6.ˢ - 50 ˢ150 -ˢ - 5"1 .: 6ˢ3+ 550ˢ,1 - *.+*0ˢ 0"9 ˢ,+ - " - 50 1ˢ50ˢ $ & ˢ
,+"+ -ˢ0 "0ˢ< 5 .04 / 63+0ˢ 1 ,< +6ˢ20""ˢ *,0*4 + - ˢ * "0ˢ" 6.6+ ˢ 0ˢ".6 +8ˢ 5. 9.6ˢ06ˢ ' # ˢ/
1"1* . - ˢ 1*. 6, + - ˢ - 4. -ˢ." . 3+0ˢ: , *.8ˢ, : 6.608ˢ3+.8ˢ0/ˢ "2.*ˢ,1* "1ˢ
"5.*ˢ +2ˢ<+9+ -ˢ - 660 0ˢ<. 55 40 -ˢ40, 0:0 *6ˢ1" -ˢ,2 - 5"0 6.6+ ˢ $ 1 40ˢ 1ˢ
9.6ˢ .0 . 0 -ˢ - 50 3+0ˢ5 *0 508ˢ +6ˢ 02+8ˢ 0"9. + -ˢ. " 4 8ˢ 2:0* .*6ˢ + 6 + -ˢ
., ,3+.,08ˢ0<+8ˢ<+/6. - 50 ˢ<+ .ˢ5 1 , 56 1* 8ˢ510*. -ˢ *60 - *.6ˢ,10 ,0.*6ˢ06ˢ
*0ˢ3+ 8ˢ018ˢ - " 60ˢ. 5 8ˢ.,ˢ,1 - - 0.6+ˢ<+:06ˢ5 17 20.*6ˢ ,+ -ˢ +* : ,+ -ˢ06ˢ
,1".+ -ˢ ˢ$1": ""0 + -ˢ." 1 3+0ˢ!<0 - . 1 + -ˢ4+ /8ˢ 0:1,0*6ˢ0.40 - 3+0ˢ510*.ˢ.4ˢ
4 6.ˢ41 - + -ˢ3+. *5 - + -ˢ 04 0ˢ<+20.*6ˢ 4ˢ0.*"ˢ1 .6 1*06*ˢ5+2" ,.6. -ˢ51 60.,1*ˢ
6 . .ˢ1 .6 470ˢ ." 4 ˢ 7 ; 151";6.*ˢ*1 - *0ˢ +, , - 2+ 9ˢ04 6.ˢ 0"51* + -ˢ0 6ˢ3+.0ˢ
616.ˢ *ˢ0/.9<6.*4.ˢ 0"9. + -ˢ *ˢ 0+ -ˢ.,ˢ5 *, 50 -ˢ ++ -ˢ 020 " 1*0ˢ1,,+5.6+ ˢ ˢ
:0 .ˢ5. 60ˢ 4 *08ˢ * 6 9.*60ˢ .+ 1*0*"ˢ .2<04.ˢ1 - *ˢ5.,8ˢA 1 6ˢ(0""ˢ 04 6+*ˢ
50ˢ*1*ˢ<. -ˢ0ˢ40 0*40 0ˢ 04ˢ20""+ -ˢ + 6 1ˢ * 0 0ˢ6.6++*6

ˢ A ˢ ˢ .*60ˢ . 1"+ -ˢP 1 + -ˢ .: 0,ˢ - . ,7 1*0 -ˢ.4ˢ .2067. -ˢ *9"1 - -ˢ
609 *. -ˢ.4ˢ.+/ " .ˢ0/504 ,*4.ˢ - 0 .*6< 3+0 *ˢ ""350 7171 ,0ˢ0/,056+ -ˢ06ˢ5 1ˢ
- 8ˢ .ˢ ˢ504 6+ -ˢ06ˢ ˢ03+ 6 2+8ˢ: , -ˢ6, - , .6ˢ (04ˢ,+ -ˢ.ˢ 0ˢ50,+* . .ˢ
5"+8ˢ".21 . 06+ ˢ51 60.ˢ 60 + -ˢ *ˢ *9" . -ˢ.2"09.6+ ˢ .: 0,+8ˢ3+ˢ,+ -ˢ 09 *.ˢ - +ˢ
6.6 8ˢ,1*4 6 1* 2+8ˢ6 .* 09 6ˢ+6ˢ"1,1ˢ20"".61 +6*ˢ / / , , 1ˢ ˢ *90"1 - -ˢ*+ - 0 . ˢ
A1ˢ . - 1ˢ +41: ,ˢ$.".6 *ˢ 056, - : 6ˢ .6 ˢ,+ . 06ˢ'3+ ˢ.2ˢ 4 * 2+8ˢ,1*4+4+8ˢ
,+ -ˢ ˢ ˢ03+ 6+ ˢ'''ˢ504 6+ -ˢ 6 40 -ˢ ˢ,1* , 20*4.ˢ + ,050 6ˢ.+41ˢ 6 50*ˢ
4 1ˢ5 .060 0.ˢ ˢ03+ 6+ - - """ .ˢ06ˢ ˢ, 1ˢ504 6+* .440 06ˢ 1* , 56ˢ06ˢ.ˢ,1 - 60ˢ
(,7+. 6 0 - 2+ 9 1ˢ ˢ ˢ03+ 6+ - ˢ, 1ˢ ˢ.2ˢ .: 0,1ˢ - . ,7 1*0ˢ ˢ. h 1" - 0ˢ
,7+ 1ˢ .,ˢ616 40 -ˢ.ˢ . 6 *1ˢ (,70*R 1ˢ * 50ˢ"09 1 ˢ504 6+*ˢ5 .0 46+ˢ .B
C. +8ˢ9 +""0 +8ˢ G+.0ˢ,15 .0ˢ,6 -ˢ.+6$ 160 6.*67 -ˢ4+4+ˢ 090 0*6+ˢ.+6ˢ15 2+8ˢ
+ 60*6. 0*6+ ˢ 4ˢ *ˢ - .<1 + -ˢ 0" 9"1* 8ˢ50 * , 0 -ˢ.2ˢ .+ 1*0*"ˢ 0 ˢ *60 5 06.6ˢ
3+ˢ0ˢ,1*"+"6+ -ˢ:1"02.*6ˢ 0* -ˢ."0*. ˢ06ˢ*1:.ˢ,1* " .ˢ * 0ˢ +"504.3+0ˢ1 - * .ˢ
.+ 1*07 8ˢ7.20 0ˢ *ˢ5 - 8ˢ5 1: *, .0E."" .0ˢ*1 6 .0ˢ: , *.0ˢ,1"".6 1*08ˢ50,+* ˢ
. + -ˢ * 6 1ˢ 0 - 1 . ˢ - 1/ˢ06ˢ.50 60ˢ40*09. 0ˢ 43+0ˢ - .6+ .*4ˢ *4 + -ˢ4+48ˢ.4:0*ˢ
6+8ˢ,.+ .ˢ0/6 6 "0ˢ, 04 6+ˢ<3+""+2ˢ 4ˢ60 - 5+8ˢA 1*608 .**1 .0ˢ:0* 6ˢ0/ 9+1ˢ.4 - 1ˢ
4+ -ˢ,1 - 6.6+ˢ +6ˢ4 ,1 4 8ˢ 0ˢ - 04 + -ˢ *60 51*0 06ˢ06ˢ." 3+1ˢ150 .0ˢ5 06 1ˢ ++ -ˢ
0 9. 0"9.8ˢ 6+4 + -ˢ,1 - 5 12. 06ˢ *603+. -ˢ *ˢ 0"9 + -ˢ5 1 , ,0 06+ ˢ0/,1 - ˢ
5.41ˢ,+ -ˢ5. 0*60ˢ 09 *.ˢ.4ˢ"0:.*4. -ˢ *: 4 . -ˢ , 56+ -ˢ04 6ˢ'3+1ˢ5 1,0 + -ˢ06ˢ ˢ
4 *+ -ˢ 0"9 ˢ 19.6+ˢ0ˢ *: 6.6+ -ˢ4 , 6ˢ*0ˢ5 1: *, . -ˢ 5.*1 + -ˢ6; .** 40ˢ6. - 4 +ˢ
:0/.6. - ˢ06ˢ1" -ˢ,1 1*.0ˢJ .*, .0ˢ +<+8ˢ 5 0ˢ 0,+*4+ -ˢ 090 -ˢ*12 " " - + -ˢ 6ˢ
- 0 - 2 + -ˢ20*0 4. . -ˢ *ˢ6.*6 8ˢ,.". - 6.6 2+8ˢ40 0 0 06ˢ06ˢ :0 1ˢ3+. - : 8ˢ4 " . ˢ
40*60,7. " - .ˢ - .6 0ˢ,060 "3+0ˢ5 *, 5 2+8ˢ01 + -ˢ5 0,08ˢ,1*60 - *0 0ˢ*1"+ "%0ˢ' 04ˢ
21* 5 *, 5 8ˢ1 , 1ˢ 0ˢ40 +*9ˢ0/ 6 - . 0ˢ ˢ71*1 , 8ˢ.401ˢ,1*4 6 1* 2+8ˢ22".6 8ˢ
*ˢ6. -ˢ71*1 ,1ˢ20""1ˢ1,,. 1*ˢ*1*ˢ400" 06ˢ . -ˢ ++ -ˢ71,ˢ:26+ -ˢ.,ˢ40 40 + -ˢ
+* ,+ -ˢ0 "0ˢ' *1*ˢ +6ˢ 020"". 60 8ˢ.4:0 +8ˢ 6 - + -ˢ5 *, ˢ515+"18ˢ5 1609.6?
3+14 * - ,ˢ - 5 +40*60ˢ<.4 60*6ˢ:0 + -ˢ+6ˢ5.,0 -ˢ,1*,1 4 . - 3+0ˢ 4 *+ -ˢ6+0.ˢ
6+ ˢ'3+.0ˢ50ˢ +50 1 + -ˢ60 - 51 + -ˢ *<+ . -ˢ50 :0 .ˢ +*6 ,1 9.6ˢ<+8ˢ.03+.2 "0ˢ,1*ˢ
6 6+.6ˢ 515+"18ˢ *61"0 .*4 8ˢ5*0 2+8ˢ"0:06ˢ' .*6 3+.ˢ5 : "09 .ˢ.,ˢ" 20 6.608,1*<+*ˢ
6.0ˢE."" ,1ˢ*1 - *ˢ *.6 1*ˢ150 .ˢ +.ˢ,1* 0 :06ˢ3+14ˢ,+ -ˢ 2ˢ,1* " ˢ 6ˢ*1*ˢ51 "0ˢ
*1*ˢ71*1 ,. -ˢ7.*,ˢ,/504 6 1*0 7ˢ0 "0ˢ06ˢE."" ,1ˢ 09*1ˢ" 6 "0 - ˢ3+.ˢ20""+ - ˢ3+14ˢ
6. - 4 +ˢ *ˢ: ,0 2+8ˢ.,ˢ 09*ˢ5 .0,1 4 8ˢ7.0 6ˢ 1 8ˢ04+,0 06+ ˢ06ˢ3+14ˢ 2ˢ *6+8ˢ
*1/ + .ˢ0 .6ˢ0/60 *1ˢ - ."1ˢ .55" , .6+ -ˢ1" -ˢ+6 3+0ˢ06E."" 8ˢ06ˢ 0"9 8ˢ5 1 , .6

5 1 *40

% $? :ˢ ˢ ˢ G ' ˢ ˢ 4 U ˢ ˢ ˢ 0ˢ ($ ˢ
* 6 . ˢ C ˢ ˢR . ˢ *ˢ ˢ ˢ+.' .'ˢ :ˢ ˢ ˢ
. ˢ ˢ Jˢ +

T ? . ' C ' G -

& '5 1 - 40' 0+ - ' 01260 6. ' *1*' .&. 6 .' .6/6 . - 2 41*0' :0"' ,1* ;0""0*4 ' ,+ +!3+. *' - '
' # ' ' 50 '40 640 1' 04' 1 , 1' 6.*6+ .' 06' . " 4 .0' .401' 5 1: *, .0' ,1 - - , .6 1*0' 6 * - '
".6+ - ' 71,' 20""+ - ' + , 50 0< .4' 3+14' 150 . - ' * . : .6+ 18' *' 5. 60 - ' 3+13+0' 9"1 .0'
. ,' 5 .0 - 1 +6*' :1, .6 ' (0,+*4+ - ' 7.0, ' 51 63+. - ' 1*608' , 6.6 8' 03+ 8' :0 * 6 ' .' $7 '
" 551' .". * 1' ,1 - 60' 5 1: *, .0' 5 .0 40' 06' 4 *+ - ' 40"09.6 8' 71*1 ,0*6 - 0' 0/ '
,056+8 ' - 1/' "09.618' *6+0 5 . - ' - "66 6' +41: ,+ - ' # . 1 - 1*6 + - ' - 21 + - '
V ' + " + - ' 09 4 + - ' .*6 + - ' & ""0 0+ - ' 06' ". +4 + - ' P 1*41",06+ - K' 3+ ' 7 8'
,1*4 6 1* 2+8' ,+ - ' 4 * 2+8' 4 ' (0/6 " ' 6 . * 090 +*6' +6' 4+/' .4:0 +8' "5. '
*1 + - ' 06' A1. ** 8' + 6 6; .** 40 - ' 5.6 1, * 1' 0"9 ' + ,0561 ' 40 0* 1 ' 0"9 , .0'
" 20 6.6 8' .2' 4 * 2+8' 5 1 - +"9.6+8 ' /' , 1' 504 6+ - ' * ' , 1' 03+ 6+ - ' + 8' + - 56 2+8'
50 ' 6 - 0 6 0' 5 1/ - + - ' +5504 606' < 3+1' 0/. 61 ' ' * 8' 20""1' *1*' - 51 6+8' 0 ' '
' 504 6+ - ' 06' "1' 03+ 608' 6.*6+ - ' 5 .0 6. 0' 60*0.6+ ' .4' * .*4.8' 4 *+ - ' : 0 8'
. - , 6 .' ,+ - ' " .2067.' *9"1 + - ' 09 * .' *0.6+ ' 1, .61' 0* ,1' . : . . ,' 090' 06'
A1 ' . - 1' +""+ - ' *4 *+8' 0" 9 1* 8' ,.+ .' 70" + - ' - 1:0.6' 51 *6' 6. - ,*' 5 '
5. ,0 - ' . 2 6 1' +1' . ,0 0' *60 ' - 0* 0 - ' G+ *6 "0 - ' 5 1/ - + - ' :0 + - ' , 6 .' 4+, 8'
0<+ 3+0' ," 0*6+ - ' . ,' 1040 .61 + - ' 406 - 0*6+ - ' 0.3+0' "090 ' +6' .*60' *0 - ' 0<+ 40* '
- 0* 8' + +8' *' 4 *+ - ' - .*+8' 6 .4.6' 2' +,0 - 2+ 9+ - ' + 0 - +*4. - ' . :0* '
6 . - ' 06' 1 - * .' , 8' 1 . - ' 155 4. ' 5 0' U' *4 *+8' ,+ - ' .40 6' - 50 .61 8' +5 0 - '
*' 0/0 , 6+' *1 - 0*' 06' .+41 6.60 - ' ,+ - ' 5" 8' 4 * 2+8' ,1*<+*4 - ' 06 *0.6' ' 3+1 + - '
: ,0' +*906+ ' 5 .0 04+8' 90*0 ." 8' 3+ ' 50 ' 4+, 8' .2 0*6 . - ' 4 *+ - ' *1 - *0' 1"+8'
- 50 .2 6 ' 5 1: *, . - - ' .4 - * 6 .6 1' 50*08' 1"58' 4 7+ - ' 5 1,0 08' .667 . - '
. ,7 4 ,0 - ' 06' 4 *+ - ' ,1*, " + - ' - .*0.6' 40' .2' 8' *60 51 6. ' ' 3+ 40 .' ." + - ' .'
$7 " 551' 41 - *+ - ' .+6' 5 *, 50 - ' . , ,056. 0' :0 *6' 6' 4+,0 - ' *4 + - ' ,+*4 8' ." 8'
5 .0".6+ 18' *60 0.' 0,+ 6.6 8' ,.+ .' 0 ' 66.4 6 8' ' ;0* 8' G+0 *1 1' 06' .*4 0, 1' *'
" - 60' 155 4 8' , . :0.6+ ' 3+14' ' 8' $7 " 55151" - ' ' *, + - ' .+6' I' . .02+ 9+ - ' , . '
50 0' 51"" 6 ' 0.' :0*. + .' "1,1' ,04.*6' " ' :0*. - - ' "1,1' ' . : . ,+ - ' .66 2+6+ - '
, 2+*6' $ .060 0. ' 3+.0' 6 .*8' ' 1 . - ' 155 4.' , .5 06' 0.' 2 ' 06 *0.6' < 3+.0' , 6 .'
1 . - ' 0.' 4 * 2+8' ,04.*6' 4+/' *1*' ." 18' 3+. - ' E. ""18' *.6+ ."0 8' 01 3+0' 5 .0 '
* 61' *+ - 0 1' 0,+ - ' 4+, .6' 0/,056 8' 0":06 8' 6 5.61 2+8' - 504 .6' 3+.*6+ - ' *'
5 1' 0 6' *0' E. "" , .0' ,55 .0' "5.* 8' .+/ " 1' :0* .*6' 018' 5 1' 71 6 2+8' + 8' 7.20.6'
3+18' 4 *08' 71 60 8' 40,". . :0 *6' . ,' 5 .0, 5+0' "5.*18' 01 + - 3+0' 1, 18' . , ,056.'
5 9*1 ' 155 4. ' 0,056 8' + - 56 2+8' 0 6 6+0 0' 60*0.6+ ' 3+14' ' 0.' "+, 0' 5 ' *1*' 51 B
*6' 51 6' 4+, 8' - 1 60 - ' - . ,+".0' 0<+8' 5 1" ' ,04.*6' 140 - ' 60 - 51 0' 3+1' 0/' 7. '
20 06' 3+1' 0' 40' .6 8' 0/504 6 1*0' .5+4' $7 " 55+ - ' 0/,+ . 0' 51 "06' $1 - 51* + -
0""0: 0+ - \ *6+0 5 . - ' - 66 6' 3+ ' ' 1* ' (0/6 " ' "1*9.' 06' 9 . : ' 1 .6 1*,' 5 1 '
,0 08' 06' 4 *08' .4' 5. ,0 - ' 71 6.6+8' 0 6' 04' 61' *0' 0/. ,0 2.6 8' .401' .* - 8' +6'
*+"". 8' .6 8' 6+6.8' ,1*4 6 1*08' 0"9.0' 616 08' .2' 5.* 8' 40,056' . 2 6 . 0*6+ ' G+.0'
4+ - ' +*6' 0,056.' *60 0.' .2' *4 *1' ,+ - ' 8' 3+.8' 7.202.6' ,15 8' D(1 97 . ' ' .". '
219 + - ' ll 0 / . ' "1, .' .2' 155 4.* 8' 40 0 6. ' .05 .0 4 8' - .6. ' + - 3+0' ,7.0"'
2' 1 - 20""+8' "09 1* ;' E. "" , .0' 4+/' ' 0*6 +65' . "0 - 1*6 ' ,1 - 6 8' *' ? .**1* .'
, . 60""+ - ' 4 *+ - ' - .*4.60' :0* 06' / ' S." ' A+* ' .2' 5.* 8' 155+9*.6+8' ,18' ,+ - '
4. - *1' 05+" 6' . , 06 1,040 0' ,109 6' * 0" , 1 0' 40 *' 0/ 6+' *1 6 8' ,0 6.6+ - ' ' 06' .2'
.** 2."0' "60 - 5 1' 4+ - ' 1"+6 +8' *,04+*6' E. "" ' , .0 ' . - 8' /' 9* 8' 3+.0' " '
60 - 5 +8' + - - .' 0/+"6.6 1*0' .4' + 6 + - ' - 6
' < 3+ ' *+ - 1 1 08' ,15 .0' .4' " * 60 - ' ,1* :0*0 .*6' 06' 9 . .*60' *' +6 1 '
3+0' 0/0 , 6+' E. ""1 + - ' 06' "5.*1 + - ' " 0*6 . ' - +"6.' . : . 0' 5"+ .' " 2 4 *1 ,' .4 - ".?
;

& ?' % ' ?' + + - ' +41: ,+ - ' .3+. : "". - ' & "R*1: .*+ - ' 09 4 + - ' + ' +
% $ ' ' ' ' /& ' ' ' ' 2' ' " +0' ' ' ' ' /'
: ' 5 A ' " ' ' 6 ' b' ' ' ' ' 6 ' $' 0' ' 6.0'
0 4 ' 6 / % $' ? ' ' % 6 0' ' ' D ' % 6 F' 6' $
D+ 0' ' ' . " A' ' ' '. ' ' 5 $' ? B

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0/' 3+ 2.8' 4+1' 9 - 8' *"69 .' 0/0 - 5".' - 0 - 1 .*6+ ' .2' 8' 3+ ' 08' 7+<+8' .6 - " &"
, 5 0 0' % 2+*+8' 3+ 4. - ' E.""+8' #$1*6 +8' *1 - *0 ' .4' 0,+ 6 + - ' 5.9+ - ' 2' ' # ' ""
71 5 6 + - ' + - 5 0 .6' *' 41 - 1' A1 ' P ""06 ' 5 12 ' 06' 4 6 8' .9 ,1".0 ' ,+ ' 6 08').0
0/ - .' 1 - .' 0 .*6 ' 3+. + - ' - .<1 ' 7.6+' ,060 8' 1 - 1 1 ' +65". , .61' 71 5 60' +60
06+ ' 04+"1' 1 - * .' 41 - +8' - * 60 .' 32 2.6' *' 0. - 1,+"18' ,1*<0,0 .6' 6 2+*+8'
1, , . 1*0 - 3+0 ""2 4 * 8' 0/5"0*4.0' 3+.0 0*8' 5.660 *' ,+ - ' " .' - 0* .0' . , ,+ - 20 0' <+
206' 06' " 2 4 *0' *60 ' : *.' * , ."0 ,0*60 ' 50 ' "+4 2 + - ' 19.6' .*' 2' " . - ' *' +/1 0 -
4. 0' :0""06' 9 ,1". ' 71 - 1' *1*' * +" +8' 06' 3+14' 0 .6' ,1*< , 0*8' - 5. ' ,1*4 6 1*0
+.' 5 .060/6. ' ,+ - ' - 140 60' 0' 0/ ,+ . 06' 6 2+*+8' 0/ , .*40 00*8' 06' *' 40<0 .6 1*08
5 1 + - 50*8' 5 16 *+8' , . , * . ,+"1' 5.6 0 - ' 5+" .6+ - ' . ,0"%0 0' <+206' 3+0 *' " .' 51*0' "0
3+0*8' .' - " 6 2+8' : ' 060*6.' 0 6' - 1/3+0' .' + 0*60' 6 2+*0' *60 ' ". - ,*6.' 06' 0<+".6+8
,1 - 5 0 . ' 51 60.3+0' 60 - +"0*6 8' 1, 8' .4' *<+ . - ' 0/51 6.' 0 6' *40' .4' - 0* . - ' 0
4 6+ - ' 06' <+:0* ,+". ' - .9*18' +5 .3+0' 1 60 - ' 06' .06.60 - ' : /' 0* - ' / : ' .**+ - ' 0/
,0 0 .6' 90*0 1 18' 5 6+8' 90 0*8' ,+ - ?*1*' 6. *' 40' 405"1 .*4.' 3+. - ' : *4 , .*4.' *
< - .' ,19 6. 06' 040 0' <+/6.' 6 2 *+ - ' <+" .' 5. + 6' 06' ,1 - 51 61' .4' 41"1 0 - ' 4 " - +
".*4+ - ' :+ 6+ ' 51 6' , 02 .8' .4' *<+ . - ' .4<04.8' 50 ' ". 0 ; . - ' ,1*6+ - 0" .8' 60 - 5+8
*.4. ' $0*6 + - ' 4+ - ' .4' .+ 0 - ' * + +6 .*6' ,+ 4. - ' . , 0 - ' .:0 60 06' ,+"6 1' *' ,1
: 1"0*60 ' .4 .41' ,1* , 6' ' 4 8<04 "3+0' 5 16 *+8' - 0* 8' 4+ - ' ,1 - - " 61*08' .4' 6 2+
*+ - ' . , ,+ +*6' " .' 50 ' 51 6 ,+ - ' ,".2 6+ ' 06' .4' 5.6 0 - ' *' 5 1/ - 1' 4 :0 .*60 - ' 5 1
50 .6' ' 03+0' 0/51 6. ' +6' 9. - ' - .6+ 0' ,+ - ' ." 8' 4+.2+8' " 8' , .50 .6' - 1*06' 5 .
' 51 60 056. - ' : 9 * 6.60 - ' : :0 ,' *1*' + 6 *0*8' ,+ - ' : 6. 0' 50 ,+"+ - ' 516+ "06' 9 . 6'
.61 08' *6 05 40' 0/504.6' .' 3+ 2+8' 6.6 - ' ,1 - 5 070* .' 06' . 21 ' ."" 9.6. ' +6' ,"1550 '
61 + - ' 4 2+8' ,1* ,0 06+ ' 51 6' ,1 - - 0*4.6. - ' 01' .* 6*. - ' $0 ' *3+ 6' - "08' 06'
,0 6 8' 4 2+8' - 1 60 - ' 0' 156.6. - ' . , ,0"0 . ' 3+. - ' : ' "".6.' *4 9*. - ' 0 0, 6' 3+.0' : '
:0 06K' 7.+4' +6 3+0' *<+ . - ' 3+. - ' <. - ' *' 4+,0' :0 6 1' *+"6. - ' *1*' " : 6 0+8' 4 4'
- 5+*0' .6+ +8' ' *0,' :0 2 8' .+9+ + - ' 40 " 6' . - ' 5.60 ' 6." ' " .' 4 9*+8' +2' 0 - '
0 0 : 6' 90 - *.6.' *<+ .' 0 0 .6+8' : , *18' 0/' 5.9 8' .9 0 60 8' .4' . - .' , 06' ' 3+ ' - " 608'
.4' ,1 - 5" ,08' ,+ - ' 3+0' : ' ." .8' ,171 608' , ,+ - :0*6.8' .4' +*+ - ' 1 - *0 8' ,0,"40 +*6
" +4' 06' 5. ' 506+". *6 .' . , *+8' 04' 4 5. ' 0/ 6+ ' - 0 - 1 .6+ ' /' + 6 . , 8' 5.*+8'
3+ 4. - ' *12 " ' "1,1' ,0*6+ 1' <+/6.' * +".8' *' , .+ 4 , ' ,+<+ 4. - ' 41 - 1' 0/ ,056+8'
71 5 6 8' " .0' .4 - 14+ - ' 1 - 1 .0' : - ' *' . , .*0' "04+4.0' * 0 0' :1"+ 6' 3+.0' *60 ?
"+4.*4+ - ' 5+9 1*0 - ' 6+5 .61 ' 0 056+ - ' *' "+ - 218' 6. - ' : 1"0*61' 4+' .409 6' +6' 6 .61'
' ,' - .* 2+8' 5 +8' 0' 0/6 , . 0' :."+0 6')"0' :0 1' - 1 6' 0/' 4+' ""1' 5 1/ - +8' ,+ - '
, - 0*' . ,0 416' ,1* 0"%+8' 0 06' .4 3+0' +"6 .' - 14+ - ' 510* 60*6 .' 4+,0 06+ ' <+:0* '
,+". - ' +2 3+0' :0 6 9.6. - ' ,1 . - ' 6' <+ 6' 7 8' :0 2 8' 0. *' . 6+8' 1 6+ 1' - 7' ,/ '
5060*4+ - ' +0 .6' +6' *<+ .' 6 2 ' .' - 0' "".6.' .' 60' - 7 ' 0 - 660 06+ ' 04' .4' 0/5 .*4. - '
,+"5. - ' 7.+4' .6 8' ,1* 0 1' . ,' :0* .0' 506 6 1' & " .' 0 6' * ' 40,+8' 50 ' : - ' 0 056+ - ' 40B
,1 .' .6 8 .4 1*0' 0 . , 0 - ' 9 6+ ' - 0' 6 2 ' : + - ' .44 ,1' 06' 3+1* . - ' , - *0' - 01'
06' : 66660' 6+.' 0 04+ - ' 0 6' +6' - 0' + ' *1*' 51 " 8' 7.20' *1 - 0*' +/1 8' 6 6+"18' *'
9* . ' 06' 21*1 + - ' - 01 + - ' 70 08' 0 61 ' +6' 3+ ' 60' ,1*.6+' : 1".6. - ' - 0 - *0 *6
, .*6' 60' ,1*< + - ' 60*6.6.0' : 9 * 6.6 8' 3+. - ' 6. - ' 6 0*+040 0*4 6' 71*0 6 " - + - '
5 .0 - + - ' ,6+" "0' G+ 2+8' 4 4 8' 06' . ,0 4160' :0 2.' 5 .00+*60' ,+ - ' 5.6 0' ,1* 0* '
6 0*60 ' - .6 - 1* + - ' ,1*6 .4+ - ' 0 06' 5.*+8' 6.6 - ' 0/5 .: 6' . - 2 9+1' 0" 41'
+60 ' 90*0 1 +8' 7 0' ,+"5. - ' 0 - 0*4. 06' .*' " .' 5+41 ' ,1* +"+ 06' *60 0.' 4 '
+ - ' ,15 . ,' ,1:0 0 .*6' *60 ' U . - ' 06' 0 0*6.". - ' , . 6 8' 51 6 8' 8' - " 6.2.*6'
(,7+. 6 0*2+ 9 +8,1 - 08' 06' ,+8' +* : ,+8' *167+8' ,+ - ' + 8' 03+ 6 2+8' E0 - .* 8
./ - " .*+8' 1 +:+' ,1 - 08' , . 6 1 + - ' 5 .0 04+8' 40"04+8' +0 .6' + - ' . * +8

% $ ' :' ' '. '4 '> $' *' 6 ' '% ' 2' N ' 5 ' L' 5
'B $

; ""'50 '#E0"4 . -' :0*6+ +8' 0/ 504. 06+ 'A1' .*90 6+8' 90*" + ' 3+' 0' - "6.2.
'000' ,+ - ' E.""1 + -' 40"041 + -' .9 - *0' 50' $"0+ - 1 18' 06' 6+.6 ,18' 5 1 04+8' - 6 .'
.2' 4 * 2+8' +6' *', .4 .' :0* 06' 19.6+ ' . -' ,1*6 . + -' . - ' - 50 + -'
12: . -' 2' ,+ -' E."" 8' 10,+ ' - . *4. *6 8' , .+ .6+8' *' E0"4 . -' 04 .6, *4 6' - .9*1'
4 *+ -' *,1 - - 140' $1 6' "+ 6 .6+ *' 3+ 550' .' .667 .' 0/0 46+ -' 06', . 6 .' .4'
- 0* .*6. -' 51 6.' 504 6.6+' 5 .0, 5+0' 090 0' 0' 4+,08' 0*6 02.*6' +6' + "/ + -' 6+61'
.99 04' 51 0*6'

$ '' 4' 60 - 518' J .*, ",+88 .*1: +8' 12' *609 6.6 8' 5 +40*6 . , . ,' - "6.48'
0 0*6 .0' . - . -' *16+8' 71 1 ,0' .2' 4 * 2+8' 0:1, .6+8' *' 0"9 + -' :0* 6' *', . 6 8'
4 *+ -' 0 .*6' - . ,7 1' ' .: 0,+8' 06' . 0716.*+8' 4+/' 0<+8' .60 '8 .".* +8' ,1 - 08'
0 - +*4. *+8' 06' . , . *18' ,1 - 608' - . ,7 1' ' 0 90* 8' : ,001 - 08' ' E.*40* 8
10 6 .6. *+8' 06' 170*"1+8' ,1 - 608' ' (,70*R +8' ." '5 - . '4+,08' A1' 1 - 8'
9"1 + -' 06' ' (6+. 6+8' (,161 + -' 6 2+' < 3+' 01"1,1' 4+4.' 1%.' , . 6 .' - +* :0'
+*6' 06' A1' . 6 - + -' ." 1 3+0' .+/ ". 08 0/ 504.2.*6' 3+' 0' ,+ -' 8' ' S."'
G+ *6 "' 3+' 4 08' '$06 '06' $.+"' . ,0 ' 0 6' ,1*<+*/0 +*6' 0 6.' 61 - 0*61 + -' 4 '
5"1 61*0' 06' ".061' 6; - 5. *1 + -' . ,' 6+2. + -' 6 05 6+' 0/ ,056' + - 0 .6.' 1*6' 1 - * *1'
' ' ' ' 20"".61 + -' 0,' - *1 ' *+ - 0 +8' + 6 . ,1 + -' + 6' 3+1 + -' 5 .0, 5+'
4+,08' 'J. *4 +8' 4 .: +8' E1*C.9.' ,+8' +* : ,+8' J .*, 0+8' (./1' 4+,08' $0B
6 +8' *0 6+8' .*8 0"4 +8' ,1 - 08' + - - +8' , . 6 1 + -' 5 .0 04+8' *61* +8# 1 +8'
0+/ .0' ,1 - 08' . "0 - 1*6 ' ,1 - 08' 0' 61 - 0*6. .0' 5 .0 04+8' 0<+ 3+0' .6 08' U 0'
90* 68' ,1 - 08' 06' "6.50** +8' ?&.",0 - 2+ 9 +8' ,1 - 08' 0/' 5. * 8' $06 +8' %1"06.*+8'
J0 .*4 * .0' 4+/' J0 4 * .*4+8' '%1"06.*+8' 1*4 .91* ' ,1 - 08' +5+8' J 9+0 1.'
7 61571 +8' 1*4 .91* +8' 0* ,+8' '& 0 *0* 68' .5 ." +8' 09+"+8' (03+.*+8' ."
+ -' 8' + 6 +8' 3+' 5.+"+ -' 0/' - 1 21' ,1*: ."+0 .6' . 0716+ -' 155 4+ -' 5 . ,60
:04+8' *' ,1* 504+ -' 1040 .61 + -' :0* 6' $ - . -' . , 0 - '4+,02.6' 1* +8' .
6 *08' 0: .' 6' (.*4 ' . : . .0' : , . ' " +8' 3+ ' 0" 4.' * .: + -' .4+. . + -' "5. * .
+ -' 5 .0 04+ .' 51*60' 7+ ,' - "6 .0' *1 - 0*' 4040 .6' 06' , ,' 40"041 + -' ,171 60 -
+2' "4+, 2+8' 5 - . 8' : 8' 0,+ .' V' 0.51"' .44+/0 .6' 8' 5 .0 0 02.6+' 0/' 0 ,1'
* 9 1' :0/ "" - ' *' 3+1' 7 6' *' - 1*60' .": . .0' , +, ' . / ' - .91' 405 4.' 0 .6'
,+ -' 09 8' * 9* 2+8' 504 2+8' 0<+8' +2 6 .6 8' 0: .' 150' , .04+ .0' 6 : .0' 5 1 :04+8'
1040 .618' .4' 5+9* . -' 0" ,0 0' <+206+ ' G+1' ,19* 61' \\ 1 6+: +8' 0/ ,+2 .8' 0 60 +8'
0:1, .6' 06' .4' 0+ -' + 3+0' "1,+ - ' *' 3+1' # ' ,"15506. 18' *' * 4 8' 4 "51 +0 .6' 0,0
40 0' <+206' *,+ - 20*60' 40 - + -' 0: .' 1 "%+: .*' ." 3+. *6+ -' ,040*41' .' 0 0*6. 8'
* 0 6.6' +*6' 3+1' +, ,0" +' 0".6+8' 0: .' *' 03+ 6.6+ -' . , +8' * :07 6+ ' 04' - 1/' *'
".6+8' ,"15506. 8' *40' *,+ - 20*6 2+8' *40' *9" 8' 06' (,16 8' <+/6.' :+"+ -' 4 "51 6 8'
1 1' 06' (6+. 61' 4+, 2+8' 5.*' 5.60*60 8' , . - 518' 0" *3+0 0' 06' \.4' 05 - 0*6.'
,1* +90 0' ,1.4 ' +*6' 2' + - - 8' .* - 8' *03+0' 6. - 0*' 40' + - - .' 5+9*.6+ -' 0 6' S.
(0/6 "' .' 056 - .' 71 .' - .6+6 * .' .4' :0 50 . - ' ,10"5' 6.' . 40*60' +6' (,16' 06' ." ' .0 6+8'
- 5.6 0*608' - "608' 0/ +6 8' :0 6 2+8' 06' *4+ 1 + -' - .* 48' .4' 0 - 1 .' ."" 9.6 8' 6161' 01'
4 0' ,0 6. 0' ,1* 504' 6*6' .9*. -' ".+40 -' - 0 + 6' 1 +8' ,+' 6 08' *60' 5+9*.*
4+ -' 03+' + 1 "' .9*.' 06': 6+8' *97. - '6 2+*' b' .*4 6 '"09.6 ' *0,' *1*'
E+" 0" - '?' . R7. - ' + 6' E.""' 6 40 -' . ,' 0"9.0' 09 09 . -' *' 0.5+9*.' 150 . -' *.
: . +*6' + 6 . ,' 0.40 - '3+.' :0*0 .*6' : .' 0,0 0 +*6' . - 6 8' 0/' + 8' , ,60 ' ' , , , ,

5.+, 1 08

. , ' / 2 'B"1' 2 '+' < "= ("""' 8$D
/ "F '=<' A1 ! ' A' ! # $ 5' (! !#$ 2 0 " " !#
3 ' '% $ 2 ' " *)' A1 , 3' :)5 ' ' A - ' / #$ 9)' ")' ' A " ! ' :)' '
/$ - ' /)$ H ' , "#' '9 ! $ 2)' "#)' '1 / # ' : -' 1 / ! $ - ' , !'
/ ! 3' / ' ! '%)$, ' ' "#' '0 &$ B' "#' ' "' : ' ' , '
1 # !! $ + ' 3 ! $ 9 ' . "#' ' ! !$ J 6' (, $ 2 ' !!
!')' / " &' (! "#)$ - 8 !' ! / ' , ' , ' '% , /%)$ V#
"#' ' #$ E ' ! ' ! / "' #' ! /$ I' 3/ "

pauciores ex Ordinum exercitu deſiderati. Culpa non plenae victoriae partae a pleriſque in Boſſuvium rejecta, qui non omnibus copiis in hoſtem impreſſionem feciſſet: qui tamen juſtas non tentatae ſummae rerum aleae cauſas habebat; quippe iniquo equitibus loco et exercitu haud ſatis inſtructo. Inde Auſtrius in Namurcenſem agrum rurſus concedit, jam ingraveſcente valetudine, et ad reficiendum militem caſtra in munitione juxta [a] Moſam a Gabriele Serbellono delineata ponit, ibi Nic. Polvillerii et Hannibalis Altempſii auxiliareis Germanorum copias opperiturus. Interea a Gandenſi vicecomite Araſchotum, quod a Mutio Pagano cum una Italorum et II Germanorum cohortibus tenebatur, prodente oppidum piſtrinario quodam, ante auroram per cataractam molatrinae ſervientem aſtu intercipitur. Caeſi praeſidiarii et direptum oppidum; moxque a victore in caſtra concedente deſertum, quod e veſtigio ingreſſi Hiſpani, quaſi auxilio miſſi, occiſis, qui reſiſtere auſi ſunt, oppidanis, quod reliquum foederatorum rabies fecerat, ipſi rapuerunt, et ad extremum oppidum incenderunt. Matthias Lovanium verſus caſtra promovet, quod valido praeſidio, duce [b] Capralio, firmatum praetervectus, [c] Nivellam ducit. Cujus in obſidione dum haeret, Boſſuvius comes cum II CIↃ peditum et totidem equitum delectorum Lovanium verſus tendit cum Franciſco [d] Lanovio et vicecomite Gandenſi. Ibi egreſſis ad pugnam praeſidiariis acriter pugnatum, deteriore tamen praeſidiariorum conditione; paulumque abfuit, quin ex ejus certaminis occaſione Boſſuvius Lovanium obſidione cingeret. Sed foſſoribus deficientibus et idoneo tormentorum numero, ad tam vaſtam urbem expugnandam neceſſario, auctore Lanovio, ab hoc conſilio abſtinuit. Receptae interim inter incedendum ab exercitu [e] Sartum et Mota, arces; haec pulſationem paſſa et vi expugnata, illud deditum. Nivella item et [f] Genapum, vix viſo hoſte, deditionem fecere. Cum vero Matthias [g] Valencianas negotiorum certorum cauſa [h] Archiam miſiſſet, tumultuatum eſt in urbe; vixque interventu Joannis [i] Ricardoti privati concilii aſſeſſoris, viri ſumma prudentia praediti, eo ſtatim a Matthia ablegati, tumultus ſedatus eſt, cum integros octo dies, urbe factionibus ſciſſa, diviſi oppidani infeſta arma habuiſſent; quae tandem certis conditionibus utrinque XVI Kal. Sept. depoſuerunt. CIↃIↃLXXVIII. HENRICUS III.

XIII. JAM ante X Kal. Quintil. Proteſtantes, qui numero per ſingulas urbes admodum creverant, porrecto Matthiae et Ordinibus libello ſupplici petierant, ut ad jus aequabile cuſtodiendum et tollendas ſuſpicionum, quae bellis cauſam dediſſent, cauſas, libera religionis ſuae profeſſio ubique in Belgio conſtitueretur. Libello cauſae, ob quas a Romana eccleſia defeciſſent, exponebantur; et ſaevitia ac tyrannis Albani ultra modum exagitabatur, qui XVIII hominum CIↃ carnificis manu interfeciſſet; cujus exemplum ſecutus Ludovicus Requeſenes, non quidem ferro, ſed exilio et proſcriptionibus, in innocentem plebem ſaeviiſſet, et urbes opificibus, quorum fere induſtria Belgii opes conſtant, exinaniiſſet. Tum ſe ſacro ordini ac Catholicis cavere paratos demonſtrant, conditionibus ab Ordinum concilio proponendis; multiſque rationibus oſtendere conantur, duas religiones in eadem provincia citra civilis concordiae diſpendium tolerari poſſe; idque primorum Chriſtianorum et imperatorum, IV in primis, exemplo, qui noſtro aevo in Germania eam libertatem Proteſtantibus conceſſerint: regis denique Franciae, Poloniae, Turcorum principis, regis Marochenſis, et pontificis ipſius, Judaeorum ſynagogas in urbe tolerantis, exemplo probare nituntur. Ad libellum cum Ordines reſponſum ob negotii difficultatem diſtuliſſent, illi rurſus Non. Quintil. alterum offerunt; noviſque conditionibus ſe cavere paratos Catholicis et ſacro ordini declarant; ſponſoreſque principes ſe daturos recipiunt, nihil in publicae

INTERPR. [a] *la Meuſe.* [b] *le baron des Chevreaux.* [c] *Nivelle.* [d] *Fr. de la Nouë, & le vicomte de Gand.* [e] *Chaſteaux du Sart & de la Motte.* [f] *Genap.* [g] *Valenciennes.* [h] *le ſieur de Harchies.* [i] *Richardot, conſeiller d'Eſtat.*

CIƆIƆLXXVIII. HENRICUS III. publicae quietis praejudicium, libertate conveniendi permiſſa, a Proteſtantibus attentatum iri. Secundum haec Matthias et Ordinum proceres, plebi ubique his opinionibus praeoccupatae ſatisfaciendum rati, pacem religionis, ut olim Ferdinando Caeſare in Imperio, ſic et in Belgio conſtituunt, quae in civitatibus eam acceptare volentibus locum habitura eſſet. Ea de re edictum Antuerpiae promulgatum IV Eid. Quintil. XXXVI capitibus abſolutum; quod neque cum pacificatione Gandenſi pugnabat, neque Brabantiam, Flandriam, Arteſiam, Hannoniam, aliaſque Belgii provincias mutuo obligabat; ſed cuique liberum relinquebat id quod conſultum videretur facere: Hollandi autem et Zelandi contra religionem majorum aliquid moliri prohibebantur: eoque pertinebat haec pacificatio, ut Hiſpani toto Belgio expellerentur. Secundum haec, [a] Antuerpiae, Bruxellis, Mechliniae, Bergis, Bredae, Lirae, Brugis, Hipris, in Friſia vero paſſim et Geldria templa Proteſtantibus, tam [b] Martinianis quam Zuinglianis ſeu Calviniſtis, attributa ſunt. Et Antuerpiae quidem Calviniſtis [c] ſacellum caſtri, quod Moabiticum vocant, Jeſuitarum, Franciſcanorum, Dominicanorum, B. Andreae, poſtea etiam primarium B. Mariae, et B. Jacobi templum, reſervatis ad uſum Catholicorum choris; S. Georgii et Carmelitarum templa Auguſtanae confeſſionis ſociis aſſignata ſunt. Bruxellis aliquandiu altercatum, cum [d] Campaniacus, Heſaeus, marchio [e] Bergenſis, [f] Glimeſius aliique, licet foederati, intercederent, urbem principum regiam eſſe dictitantes, quae proinde ceterarum numero eximi deberet. Sed, tumultuante plebe, nihil impetrari potuit; et Campaniacus, quamvis de patria multis egregie factis optime meritus, in ſuſpicionem apud ſeditioſos adductus, quod cum Granvellano cardinali fratre conſilia communicaret, Sextili menſe cum aliis in vincula ducitur, et poſtea [g] Gandavum captivus avehitur, ceteris dimiſſis. [h] Tornaci, Inſulae, cum idem oppidani factitare meditarentur, Gallicarum provinciarum subortae diſſenſiones, quo minus pax religionis in iis reciperetur, impedimento fuere.

XIV. INTEREA de pace legati externorum principum conveniunt: Caeſaris nomine Otho comes Schuartſemburgius; pro rege Pomponius Bellevreus; ab Eliſabetha Angla miſſi ex procerum ordine [α] [i] Cobhamus et Franciſcus [k] Walſingamus amplo ac magnifico admodum comitatu. Conditiones ab Ordinibus propoſitae; ut, quaecunque ab Ordinibus poſt Auſtrii in agrum Namurcenſem diſceſſum geſta eſſent, rata haberentur; et, quia Andino integrum menſem Auguſtum condixerant, intra quem Auſtrius oppida traderet et Belgio faceſſeret, Matthias interim archidux gubernator maneret: cuncta juxta pacificationem Gandenſem adminiſtrarentur, cauſa religionis comitiorum univerſalium judicio reſervata: captivi omnes et Philippus [l] Buranus Arauſionenſis filius dimitterentur. Hac pactione regina Angliae, Andinus, rex Navarrae, Jo. Caſimirus aliique foederati et Ordinum auxiliares comprehenſi. Legati urgebant, ut Auſtrius poſtulatis ſatisfaceret, vel ob pactum cum Andino initum: magnam eſſe Ordinum et foederatorum potentiam, et res adhuc integras manere; nec expectandum, dum ex deſperatione extrema conſilia capiant: ſalvo honore ac cum decore poſſe Auſtrium Belgio excedere, quippe Caeſare, rege Franciae, regina Angliae intervenientibus; ita has provincias Philippo legitimo principi conſervari, et ſub ejus imperio religioni Catholicae optime conſultum iri. Haec Lovanii, Antuerpiae et aliis locis propoſita et agitata a legatis cum Auſtrio; qui nullas conditiones admittere voluit, niſi iis legibus, ut religio nova non reciperetur, Ordines ante omnia arma deponerent, et Arauſionenſis in Bataviam ſuam concederet. Inducias quidem interponi

VAR. LECT. [α] Cobbanus *D. f.* Cobbamus *D. d.*

INTERPR. [a] *Anvers, Bruxelles, Malines, Bergen-op-zoom, Breda, Liere, Bruges, Ypres.* [b] *Lutheriens.* [c] *la chapelle du Château,* appellée *l'egliſe des Moabites.* [d] *les ſieurs de Champigny & de Heſe.* [e] *le marquis de Berghes.* [f] *de Glimes.* [g] *Gand.* [h] *Tournay & Lille.* [i] *Guillaume Brooke, baron de Cobham.* [k] *Walſingham.* [l] *le comte de Buren.*

interponi petebat, dum maturius de re tota conſultaretur: ſed, Arauſionenſi reclamante, nihil actum. Poſtremo Auſtrius, novis auctus copiis, cum ſciret, pecunia deficiente, ſtipendia ab Ordinibus conductitio militi diu exſolvi non poſſe, ut eos diuturnitate belli et affectata mora exhauriret, reſpondet, Philippum totum hoc negotium Caeſaris arbitrio commiſiſſe: literiſque ea de re ab Auſtrio ad Ordines datis, actioni finis imponitur. Miſſus ſub id ab Ordinibus Romam Elbertus Leoninus, juris ſcientia et inſigni prudentia clarus, qui cauſam eorum apud pontificem tueretur, periculumque, quod ab obſtinata Hiſpanorum pervicacia et Belgio et religioni imminebat, multis verbis exponeret. Viciſſim miſſus Ramires Guſmanus ad Imperii principes, ac Colonienſem archiepiſcopum, quod conventui Colonia deſtinata eſſet, in ea anno ſequênti celebrato; in quem rerum ſucceſſum rejecerunt novi motus inter Ordines exorti, et mors Joannis Auſtrii.

XV. MOTUUM origo fuit a Gandenſibus, fatali ſeditionibus populo, et rerum novarum ſemper appetente; inter quos primarii cives Proteſtantium doctrinae addicti, quo ferventius ſuum in procurando religionis negotio ſtudium oſtentarent, nullo non contumeliae ac ſaevitiae genere in ſacrum ordinem ac ceteros Catholicos conciveis ſuos uſi erant, templis paſſim expilatis, imaginibus dejectis, eccleſiaſticis urbe pulſis ac bonis injurioſe ſpoliatis; ut nulli minus toto Belgio pacem de nomine ſuae urbis promulgatam ſervarent. Eorum factione anno ſuperiore effectum fuerat, ut proceres plerique in vincula truſi eſſent: et multi etiamnum carceribus injurioſe attinebantur. Ipſi, ſive ut privatis cupiditatibus inſervirent, ſive ut ſe adverſus tot irritatos proceres, et nobilitatem provinciae in primis, cui jam formidabiles eſſe coeperant, tuerentur, pecuniarum collationes ab Ordinibus imperatas recuſabant, et jam diu apud ſe retinuerant: qua re non ſolum ab regio obſequio, ſed etiam ab Ordinum Belgii auctoritate ſe alienos oſtendebant. Nec tamen his initiis malum ſtetit. Nam et Brugas et Hipras in ſuas partes pelliciunt, et gubernacula earum factionis ſuae hominibus committunt: quod et idem in minoribus Flandriae urbibus faciunt; [a] Dermondae, Aldenardae, Aloſti, aliis: militem privata auctoritate conſcribunt, urbem ſuam, quamvis ampliſſimam, olim a Carolo v ob ſeditionem anni CIƆIƆXXXIX moenibus nudatam, mira celeritate aggeribus, foſſa, propugnaculis omni ex parte muniunt, ingentemque tormentorum fuſilium copiam ex cupro et aere, conflatis templorum tintinnabulis, parant. Nec ſacerdotes ſpoliaſſe contenti, eorum bona vili pretio vaenire jubent, emptoribuſque hac illice invitatis, coenobia, templa et aedificia diruunt, nemora caedunt; ac poſtremo majorum religionis cultum omnino abolent. Fruſtra miſſi a Bruxellenſibus et Antuerpianis legati; qui cum nihil impetrare potuiſſent, etiam a Matthia et Arauſionenſi ac Ordinibus miſſi, et in iis Philippus [b] Marnixius Santaldegondanus, qui eos quieſcere juberent; qui et ipſi fruſtra fuere. Praecipui factionis duces erant Joannes [c] Imbiſius, Aegidius [d] Buclutius et Jodocus Trieſtus; qui, ſuſpiciones et alia ad plebem incendendam cauſati, omnia ex arbitrio gerebant. Itaque Imbiſius ipſe [e] conſul creatur, qui ſummus eſt ea in urbe magiſtratus; homo ambitioſus et juxta ſuperbus ac rapax: cujus tamen cum praecipuae diligentiae deberetur tantae molis feſtinata munitio, qua urbs paene deſolata in antiquam magnitudinem excreviſſe et priſtinos ſpiritus reſumpſiſſe videbatur, eo fiebat, ut plebs nihil non ei permitteret. Is conſilio duorum Gallorum, Michaëlis [f] Huguerii, [g] Autrico in Carnutibus nati, et [h] Saraceni, maxime ſui ſimilium, in omnibus negotiis utebatur: quibus adminiſtris, neque materia ſeditionibus, neque animus plebi ad eas fovendas unquam deeſſe poterat. His contraria factio exorta eorum, qui vulgo Male-contenti, a

Proteſtantibus

INTERPR. [a] *Dendermonde, Oudenarde, & Aloſt.* [b] *de Marnix, ſieur de Ste Aldegonde.* [c] *d'Imbiſe.* [d] *Gilles Bouduyt & Joſſe Trieſt.* [e] *premier Eſchevin.* [f] *de la Huguerie.* [g] *Chartres.* [h] *Sarazin.*

CIↃIↃLXXVIII. HENRICUS III.

Proteſtantibus [a] Sphaerularum precatoriarum milites, a noſtris [b] Leucopides appellati ſunt, ab ovibus, quibus interno morbo laborantibus oculi albeſcunt. Ii ex proceribus fere majorum religioni addictis et nobilitate [c] Gallicarum provinciarum conſtabant; qui, praecipua in bellis et expeditionibus contra noſtros reges munera obire ſoliti, nunc a plebe in ordinem cogi indignabantur: et, cum initam nuper cum Batavis et Mattiacis pacem ſuis meritis aſcriberent, ſibi quoque priores in provinciarum adminiſtratione partes et auctoritatem arrogabant, eamque in Arauſionenſem unum a civitatibus transferri aegre ferebant. His accedebat privatae injuriae ſenſus ob tot proceres contumelioſe captos: quos ex compacto, et occulta cum Arauſionenſi, licet id palam diſſimularet, machinatione, a Gandenſibus retineri ſibi perſuaſerant. Itaque exemplo Gandenſium et ipſi collationes pecuniarum ab Ordinibus in communem rem inſtitutas privatae tutelae ſeponunt; exercitumque inſtruunt, quo ſe, ut jactabant, contra majorum religionem, patriae libertatem et nobilitatem oppugnanteis tuerentur. Eos incendebat [d] Atrebatum epiſcopus Matthaeus Mulartus, Henricus [e] Ivocus Marolliani coenobii, [f] Mulartus Sangiſleniani antiſtites, Jo. [g] Lindanus; qui, initio Hiſpanorum immanitatem exoſi foederis contra eos icendi auctores, poſtea, cum ſummum imperium paulatim ad ſe Arauſionenſem civitatum favore ſubnixum tranſtuliſſe cernerent, poenitentia ducti ſero mutaverunt. Igitur ii ſcripto XV Kal. Sextil. promulgato ad libellum Proteſtantium pro libertate conveniendi oblatum et Matthiae archiducis de pace religionis decretum reſpondent, et intercedunt, omneiſque his rebus aſſenſum praebenteis tam ex nobilitate quam plebeios proditionis veluti inſimulant, vitaeque ac rerum ſuarum periculo reſiſtere ſe paratos demonſtrant. Ut vero partes ſuas firmarent [h] Arteſiae et Hannoniae nobiles, provinciaſque ſuas, quamvis exiguas, univerſis aliis pares auctoritate redderent, non ſolum, ut eae tanquam duae provinciae inter Ordines ſuffragii jus haberent, petebant, ſed etiam ut [i] Valencianae, Tornacum, Inſulae, Duacum, Orchiae et Mechlinia, quae ſimul ſuffragia dare ſolent, nunc ſingularia ſingulae ferrent; et ita ſeptem illae provinciae numero ſuffragiorum Brabantiam, Flandriam et Geldriam vincerent; cum tamen ne ſeptimam quidem partem ſumptuum, quos Brabantia ſola pendit (nam Flandria multo plus ſolvit) conferrent. His diſſenſionibus fiebat, cum nec Gandenſes nec Gallicae provinciae in communeis belli ſumptus collationes erogarent, ut ſtipendia [k] Montinio, Heſaeo, Capreſſo, [l] Ecmundano, Burſio, aliiſque tribunis minime exſolverentur; quippe quibus ex illis provinciis collationes deſtinatae eſſent. Inde belli inter eos aperti initium. Nam Gallicarum provinciarum copiae Gandenſium juſſu fieri cum putarent, ut ſtipendia non repraeſentarentur, in Flandriam effundunt ſe, et rapinis incendiiſque ac ſtupris paſſim graſſantur, et violentis exactionibus intra VIII menſeis ad CCC florenorum CIↃ miſeris popularibus extorquent. Contra, Gandenſes militem nuper conſcriptum, ſed qui collationes pecuniarum conficere potius, et ſacerdotes, monachos ac ſacras virgines infeſtare, quam bellum gerere inſueverat, educunt, et vario, ſed iniquiore fere, quippe cum veteranis, eventu confligunt. Tandem numero ſuperiores extra limitem egrediuntur, et in Inſulenſem ditionem uſque provecti [m] Glaionii uxorem capiunt. Capta et aliquot Montinii ſigna, inſolenti triumpho per urbem a victoribus traducta. Quod ad ignominiam ſuam revocantes tribuni, qui Montinio militabant, majoribus quam antea animis in Flandriam deſcendunt, et exeunte Septembri [n] Bellam, Meninas et alios pagos conflagrationis damnum pecunia redimere cogunt. Quo facto, Meninas, ad [o] Liſam fluvium loco inter [p] Curtracum et Armenteriam ad muniendum

INTERPR. [a] *Soldats du Chapelet ou du Pater Noſter.* [b] *yeux blancs.* [c] *provinces Wallones.* [d] *Moulart, evêque d'Arras.* [e] *d'Ives, abbé de Marolles.* [f] *Moulart, abbé de S. Ghiſlain.* [g] *de Linden.* [h] *Artois & Hainault.* [i] *Valenciennes, Tournay, Lille, Douay, Orchies & Malines.* [k] *les ſieurs de Montigny, de Heſe, & de Capres.* [l] *le comte d'Egmond, & le ſieur de Bours.* [m] *le ſieur de Glayon.* [n] *Belle & Menin.* [o] *la Leye r.* [p] *Courtray & Armentieres.*

muniendum facili ſitas, vallis propugnaculiſque muniunt; ubi et Montinius belli, CIƆIƆLXXVIII.
quod gerere jam tum meditabatur, arcem fixit. Qua re exaſperati Gandenſes cum HENRICUS III.
factum bello ulciſci non poſſent, inani juxta et iniquo flagitio rabiem explent. Nam ſeditioſi quidam privata auctoritate Jacobum [a] Heſſelium, ſanguinarii concilii olim ab Albano inſtituti aſſeſſorem, et [b] Viſſium Ingelmonſteri juridicum praefectum e carcere productos et currui forte praetereunti impoſitos extra urbis portas ad arborem ſuſpendunt, nulla denunciatione aut ſententia prius lata; miſeriſque barbas abſciſſas et pileis affixas geſtantes in urbem tanquam de hoſte triumphantes revertuntur, optimis quibuſque factum tanquam plenum audaciae ac mali exempli, quanquam in homines extrema cuncta meritos admiſſum, deteſtantibus. Interea inſtabant Matthias et Ordines, ut ſacro ordini bona et religionis liberum cultum permitterent; captivos, quorum cauſam maxime Gallicarum provinciarum nobilitas obtendebat, loco neutri parti addicto ſiſterent; nobilitatem non vexarent; et collationem imperatam exſolverent. Sed contra Gandenſes ante omnia liberam ubique juxta religionis pacem nuper ſancitam conveniendi Proteſtantibus poteſtatem petebant; neque alia conditione Ordinum poſtulatis ſatisfacturos ſe oſtendebant. Inde majores ſuſpiciones ortae; poſt Jo. Caſimiri in caſtra adventum, qui fuit VII Kal. Sept. auctae. Is ſiquidem Andium duci, ex quo ei militiam et beneficia collata ante biennium renunciaverat, infenſus, auxiliaris titulo minime contentus, ut partes in Belgio haberet, protinus Gandenſium cauſam apud Ordinum concilium protegendam ſuſcepit: quod in ſuſpicionem pleroſque adduxit, quaſi ille, qui Eliſabethae Anglorum reginae opibus praecipue nitebatur, non auxiliator, ſed ejus auſpiciis urbes Belgicas occupaturus veniſſet. Suſpicionem denuo auxit, quod ſerius et cum majoribus, quam conveniſſet, et quam quibus ſatisfacere poſſent Ordines, copiis veniſſet; protinuſque poſt adventum ob non repraeſentatum ſtipendium in caſtris a ſuis tumultuatum eſſet, diſſenſionis occaſionem, ut plerique rebantur, quaerentibus: quod rurſus magnam non ſolum Arauſionenſi invidiam, quo ignaro id fieri credi vix poterat, conflavit; alterique factioni, quae Gallicas provincias complectebatur, conſilia ſua ab Ordinibus et Arauſionenſi ſeparandi et collationes denegandi arctiuſque ſe cum Andino, qui ſacra majorum colebat, et a Jo. Caſimiro alienus erat, conjungendi occaſionem praebuit. Interea ob eas diſſenſiones et collationum denegationes lente omnia et ſegniter ab Ordinibus adminiſtrabantur. Cum enim exercitus impenſae inita diligenter ratione putatae ad octingenta florenorum CIƆ in ſingulos menſeis conficerent, neque Flandria tertiam partem, quam in Belgii collatione praeſtare conſuevit, neque Gallicae provinciae ſuam conferrent, vix ex reliquis collationibus, Friſia et Geldria ſuo et ipſis bello occupatis, CCCC florenorum CIƆ colligi poterant. Tandem, vix numerato unius menſis ſtipendio, exercitus in [c] Gallo-Brabantiam deſcendit; cui cum ſummo imperio Boſſuvius comes praeerat cum vicecomite Gandenſi, qui equitatum ducebat, et Franciſco [d] Lanovio caſtrorum praefecto; eo conſilio, ut concordiae ſervandae ſpecie ſe [e] Andino conjungerent. Is tunc temporis ex foederis pacto cum ſuis copiis Belgium ingreſſus Bincium obſidebat, voluptuarium a Maria Hungariae regina Caroli Caeſaris ſorore exſtructum caſtellum, multis antiqui operis monumentis undique conquiſitis inſigne; quod a [f] Didaco Gaone cum V ſignis tenebatur. Eo ad eum venit Franciſcus Lanovius; ex cujus conſilio verberatione cum X muralibus machinis et VI colubrinis inſtituta, et poſtea alio tranſlata, poſt unam et alteram oppugnationem, in quibus multi ex noſtris deſiderati ſunt, cum nulla ſpes auxiliorum eſſet, tandem eo praeſidiarios adegit, ut ſine conditione deditionem Non. Oct. facerent, quarto decimo, poſtquam

INTERPR. [a] *Heſſel.* [b] *Viſſch, bailli d'Ingelmunſter.* [c] *Pays Wallon de Brabant.* [d] *de la Noüe, mareſchal de Camp.* [e] *le duc d'Anjou.* [f] *Don Diego de Gaone.*

CIↃIↃLXXVIII. HENRICUS III. poſtquam obſeſſi fuerant, die. Oppidanis et praeſidiariis vitae gratia facta. Mox et [a] Malabogium ab Andino receptum. Inde cum [b] Landrecium et Queſnoium, ex foedere oppignerata ipſi oppida, Gallorum praeſidium accipere nollent, fruſtraque [c] Marrollianus antiſtes ultro citroque commeando inſtaret, ut ex contractus formula Galli reciperentur, tandem, re deſperata, Mechlinia et aliae urbes ei offeruntur. Quod cum ille excuſationis potius quam ſatisfactionis loco acciperet, tamen ne nihil egiſſe videretur, ulterius progredi et caſtra Auſtrii oppugnare conſtituit, ſi quidem Joannes Caſimirus cum ſuis ei adfuiſſet. Verum ſub id tempus nunciatur ei, Jo. Caſimirum a Gandenſibus evocatum, inconſultis Ordinibus, eo cum ſuis copiis abiiſſe, VI Eid. Oct. honorifice ab iis exceptum, et CLXX CIↃ florenorum ſtipendii loco accepiſſe. Quam juſtam profectionis ſuae cauſam credi voluit, ne vel Andini imperium detrectare, aut ad partes in Belgio fovendas veniſſe videretur. Ea de re conqueſtus apud Matthiam et Ordines Andinus, cum nihilominus urgeretur ut ad exercitum veniret, ſe excuſavit, difficultates et incommoditates cauſatus, quibus fieret, ut exercitum dimittere cogeretur: nam indignis modis ubique locorum ſuos haberi; nullibi aegros milites recipi aut refici; Bincium, quod ceperit, commeatu penitus exhauſtum; nec habere ſuos ubi vitae neceſſaria vel cum pretio comparare poſſint: aegrotos vero deſerere, aut validos, ſe non praeſente, in caſtra mittere, minime conſultum videri. Itaque, locis, quae tenebat, idoneo praeſidio firmatis, in Galliam redire ſtatuit, ceteris dimiſſis; qui mox ad [d] Montinium, qui [e] Meninas muniebat, haud inſcio Andino, tranſierunt. Id cum querelis apud Ordines materiam dediſſet, [f] Pruneus ab eo miſſus, qui, abitus ſui cauſis apud Matthiam et Ordines plenius expoſitis, viciſſim conqueſtus eſt, quod pacta cum ipſo inita nondum, quibus convenerat, locis promulgata eſſent. Quod vero milites a ſe dimiſſi ad Gallicae partis ſocios tranſierint, ſe inſcio factum dicit: id tamen ea ratione probat, quod ita Gandenſeis ad bonam mentem reduci poſſe ſpes ſit: quod ſi faciant, effecturum ſe promittit, ut Galli ſtatim ab armis diſcedant. Inſuper addit, intellexiſſe ſe Ordines de pace cum Hiſpanorum rege agere: id quidem nolle impedire, quamvis ipſorum cauſa hoſtis factus ſit potentiſſimo regi; quinimo ſe ſedulo operam daturum, ut, qua meliore ratione fieri poterit, pax et tranquillitas firma in Belgio conſtituatur: in id Pruneum ipſum, ut oratoris ſui munere apud ipſos fungatur, relinquit. Ad haec ſpecioſis verbis ab Ordinibus reſponſum, ac praeterea fides data, ſi pax cum Philippo ante Kal. Maias non conficiatur, ut ulterius cum Andino Ordines paciſcantur. Dein et Joannes [g] Burgundus Fromontius et [h] Aegidius Martinius juriſconſultus ab Ordinibus honoris cauſa miſſi legati, qui ineunte Decembre Andinum adirent, et, gratiis Ordinum nomine actis, viciſſim, ſi occaſio ſe offerret, eos par pari relaturos, et de ſumptibus ſatisfacturos pollicerentur; et, ut in egregia adeo erga ipſos voluntate perſeveraret, obſecrarent. Transfugientibus in Gallicarum provinciarum caſtra Gallorum copiis, Montinius [i] Mortaniam et alia loca vicina in poteſtatem redigit. Graſſantibus paſſim [k] Gallobelgis, cum Ordines [l] Rigiacum Atrebatum metropolim ſuae partis facere in animo haberent, per Ambroſium [m] Ducium militum praefectum conſcioſque magiſtratum urbis in vincula duci curaverant, crimine afficto, quod cum [n] Capreſſo hoſte occulta conſilia agitaret. Sed, fremente plebe, cum conſcii ſe numero inferiores viderent, quam ut reſiſtere poſſent, captos dimittunt, ea conditione, ut factum utrinque oblivione perpetua ſepeliretur. Verum illi carcere emiſſi, injuriae quam fidei datae magis memores, pactis non ſtetere; ſed adverſarios omneis, qui fuga ſibi conſulere non potuerant, crudeliter interimunt: et ex iis captum unum nomine Nicolaum [o] Goſſonem, magnae inter conciveis ſuos ob probitatem

INTERPR. [a] *Maubeuge.* [b] *Landrecy & Queſnoy.* [c] *l'abbé de Marolles.* [d] *le ſieur de Montigny.* [e] *Menin.* [f] *des Pruneaux.* [g] *de Bourgogne, ſieur de Fromont.* [h] *Gilles Martini.* [i] *Mortagne.* [k] *Wallons.* [l] *Arras.* [m] *le Duc.* [n] *de Capres.* [o] *Goſſon.*

' #' .

5 12 6.6, - ' . ,'<+ 8' 50 6 . - ' . +41 R. 6 8 ' <. - ' ' . * * 18' * . 6+ - ' ' 1 60 - '6. *6. ' 0 6 ' &
" " " ' " " ' ' # $ " # ' ' 2 ' " " f ' ') '@@@
<+ 8' 1 4 *0' : 'S." ' 1: ' 3+ ' *' 4 0 - ' 1 - * , . *0' *, 402.6' *' + 2 8' 5".60. ' ., 2+8
. , , 0*68 ' , + - ' . " 3+16' . " 8' 0, + ' 50 , +6 + *6 ' 4' , + - ' . * / 18' 4 *08' 7.20 06 ' , 6
5 1560 ' 4 0* "1*08' * 7 " - " 6. ' - . * ' 5 1 , ' 51 "0' , 0 *0 0*6 ' <. - ' 5 .0, 5 6. *60
7;0 - 0 ' 1 +: 1, 1 - 6 06 . *1: 1, 1 * +"6+ - ' : + - ' 0 6 ' 3+1' + - 56 2+8' 5. , 0 06+
,25 .8' 4 - 66 ' *4 90* .0' 50 '5 .0 4 . '"1, 8' 41*0 8' 4 51 6 ' 3+ 6.6+8' E0 - . * , +8
U . , 716 '%70* 8' . ,' 53 ' : , * . '"1, . ' 4 6 2+6+8' 0 6' 170*"1+8' , 1 - 08 ' 4+ - ' 504
6.6+ - ' 0/60 *+ - ' . 4' R* 60 - ' 404+, 6 ' h 0 6. - ' , + - ' . , 0' , . 5 6' ' 3+. . ' 6.6 * ' .2
71 6 2+8' 0, 056. - ' . - 6

' ' :061' .667 .8' , 6' 4 *08' : 40 0*6 ' A1 ' . 6 - ' *' J". *4 . - ' 5 1F
04 1*0' + 5 , 1*08' . , ' - +"6.608' 12' 0 9R - 0 - ' - . 9 8' . , ' - . 9 8' 51 60. ' *' 4 08' . + '
90 , , 0 ' 5 - + - ' E. *40* 08' 50 ' *6+0 5 . *1 + - ' 40 *' 06' +/0""0* + - ' "09.608' 60* '
?6. *6 ' - 1/ ' +6' . + 1*0* 8' 5 0' , E. *4. :+ - ' 06 ' 06' , + - ' , : 2+8' .90 06 ' 40, 0 *+ *6 '
6. *6 ' : ' *60 :076+' . , ' 5 .0 0*6 . ' 0 - ' . , " +8' , 1* , ' 51 "0' . 2 6 .6 ' 4' , 18' 06'
- +8' .2' *4 *1' 0* , +8' ' E+ 0 +8' 1* * :06+8 ' 3+ ' 150 . - ' . - ' 5 1" /0' 51") '
, 6+8 ' 506, 06 ' +6' 4 4 . ' *60 ' 5"18' . , ' UE. ""120"9 , .8' 5 1: *, .8' 0/1 6. ' . 2 6 1' * '
4 * ' 50 - 660 0*6 ' *1*' 0* - ' .03+ 1 0 - ' <+4 , 0 - ' 51 "0' 40" 9 ' 3+ 3+0' - . 9 8' , 1*, 1 '
4 . - ' *60 ' +6 . 3+0' 5. 608' , +5 .6 ' 4' 2 ' *+50 ' *' J . *, . ' 0" , 60 ' +, , 0 " "0' ' . , '
50 . 0 ' +6' 0. *40 - ' :1"+ *6.60 - ' 3+. - ' . 4' 08' 5 2 + - ' , 1 - 51*0*4.8' . J0 .6 ' 40 - '
0/ 6+8' *' 0"9 1' 03+. 6+ ' * +50 ' . ' 1* * :061' 51 6+". 6+ - ' +6' , . 56 : ' *' *4 * '
- . *+8' 6 .40 0*6+ ' 40' 3+ 2+8' 5 0' 6. *3+. - ' 5. 6 .0' 40 0* 1 ' 06' *9 .0' 09 * . ' , 1 - '
- + * ' , 1* 6" 1' 0/' .03+1' 06' 21*1' 6.6+. *6 ' $1 6 4 0 ' 3+ ' *' ' 4 ' 1: ' *, 402.6'
. +4 6 ' .2' 4 * 2+8' 40", 9.6 ' .2' . + 1*0*" ' 2 0: ' :0*6+ 1' 5 .0 - ' 3+ ' 0.40 - ' 40'
, , "0 . 6 , 1 + - ' 0 6 6+6 1*0' , 6' , . 56 :1 + - ' " 20 6.60' 616 08' .9 6.6. ' 051*0 0*6 ' G+1'
, 140 - ' 4 0' .4 - <%+8' 0 6' ' .: 4 1*+8' " .2067 .0' "09.6+8 ' , + - ') 60 8' .4' E. *40* 0 8'
S. ' 1: ' 06' : ' 4 ' 0<+ 40 - ' - 0* 8' 0 56 8 ' 066+ * , ' 0/7 2 6 8k 9 .: - .3+0'
1 .6 1*0' .5+4' 5 18' 0/51 6+". : 6 ' 3+14' 01 + - ' 12 6 * .6 1*0' .6 ' +6' 09 * . ' *' + 5 , 1 '
*0 - ' :0*0 6 ' 3+. ' *' 0"9 1' 20) + - ' 3+14' : , * ' , 1 - 51 6+ - ' + - - 150 0' 0/1560*6 '
1:0.6 ' *40' "" ' *: 4 . - ' *1* 1"+ - ' .5+4' 5 *, 508' . - , 18 ' 04' .5+4' 5 18' 4 *08'
, 1* ". <' 3+ 550' , + - ' 0/' 0. ' 4 "0* 1*0' 0 ' 5+", 7 0' 90 0*4.0' 71, ' . * *1' .63 0' .401'
20"" ' , 1* , 0*4 ' 1, , . " 1' 5 .060 - ". ' 6 ' 4' :061' 60 - 0 6.6 ' 5 2 + - ' .5+6. ' 40 '
20 0 ' 3+ ' - . "0' , 1* +"6 ' *03+0' - . 9 6 .6+ ' *' + 20' 1204 . *6 ' 06' .4' 4 * + - ' 40, 06. '
+50 20' 0 51*40. *6 ' *40' 04 6 1* 2+8' *' . " R' 5 1: *, 8' *+50 ' 0/1 6 8' , . + . - ' 5 . , '
206 ' 3+. 0 ' . *60' - . 9*1' 5. 6 .0' 21*1' 1*, 1 408' ' *+ * , ' 4 11 408' 0/ 6 + - ' 5 1, +"4+2 1'
6* *076+ ' *03+0' :061' 0 0' 51 "0 ' 3+14' A1 ' . - +8 ' 3+1* . - ' + 8' 6 50*4 8' - '
" 6.6 ' <+ +' +1' E. *40* 2+8' 150 - ' ". 6+ +8' :+"91', 04. 6+ ' R. 3+0' 6. *40 - ' . 4' 0 ' 02+8'
.47+, ' *609 8 ' - . 6+ 0' /040. *6 ' 06' 4 * + - ' 4 0, 06 8' . , ' . + 1*0* 8 ' 3+ ' 5 8' 20*0'
:0" 6 ' , 1* 8' . + , +"60*6' ' 21* 8' , , "0 . 6 , 18' 0 6 6+. *6' ' 5. , 0 - ' 0" 9 1* 8' 0, 5 . *6 '
06' , . 56 :18' "1, 1' *0+6 ' 5. 6 ' .44 .1 ' *' 5160 6.60' *0 - 50' .0' - . <0 6.6 8' . +6' . "60 +8 '
, . +6 1*0' 41*0. ' . , , 056. ' 6. *6 ' %1 - ' 09 * . , ' *1 - *0' 40, ". .6 ' * ' 6. - ' .03+ 8' , 1* '
4 6 1* 2+8' .23+ 0 , . *6 ' 1 0 ' +6' + . ' - . <0 6.8' 12' 6. - ' <+ 6. - ' , . + . - ' 0' .2') 8' 5 1 <8'
. " , *06 ' 5 3 3+0 *' 51 60 + - ' 1 - * *1' 40 0 .6 ' . *' "09.6 1*0 - ' . + 1*0* 8' 19.6+'
.2' " .2, 7.40, 06. - ' :061' 6' - "0' <' 3+ ' , + - ' 9"1 . - ' , 1 - 51 6 ' E. *40* + - ' 6+ '
- +"6+8' + 6 .616, : 6.6+ - ' *60 :0*6+' 60*6.6. - ' . 04. 06 ' +6' 0' .2' *: 4 . ' 0<+8' 0/ '
, 6.6 ' 5+ 9. 06 61* * ' . *60. ' 5 .05. .6 8' 04 6 5* ' * *+6 6 8' . * * 8 0 - ' .99 04 :1"+ 6 '
+6 ' , ' 1 - * ' 50' . +/ " 16+ - ' .2' *9" . ' 06' . - 1' 5 .0, ". ' 5". , .2 " 1 08' , 18' 06' *' , 1* '
4 6 1* 2+8. , , 5 0*4 86 .2 " 1 08' 0/50 06+ ' 9 6+ ' /' S." ' 0, ' 8%0*, . - + *4. -

f' ' ' 5 1 04+8

'%' ' $ ' ? . ' ' I' B ' 'N ' ' , ' ' " $ ' ' 9 ' $' 'N #6 $$
0 6 ' '& $

& ʿ5 1 , 6+8ʹ ,+ - ʿ 12: 18ʹ 5 - . 08ʹ , :0 8ʹ 7.2+ "06ʿ 06ʹ *ʿ 8ʹ 5 18ʹ 04 6 1* 8ʹ * ,0*61 08ʿ
ʹ # ʿ "" ʿ ?ʹ - 2 +++ʿ% 0 6+ - ʿ 06ʹ +,"+6 + - ʿ 51 6ʹ 0 - ʿ 12 60 ʿ 50 6 4. * ʿ .2ʹ 4 , - ʿ * : 6.6+8ʹ
51 6 0 - 1ʿ E. *4. :+ - ʿ:0 6ʹ 5 4ʿ 1* ʿ 0, ʿ 06ʿ 0ʹ + "6 1ʿ , 6 13+0ʹ .9 6.6. ʿ51 6ʹ 9 . : .ʿ0 ʿ
0 /ʿ :0 1ʿ6 .70*6 .ʿ .4ʹ 71 - *0 8ʹ " 20 6.60ʹ *+50 ʿ 0,056.ʿ +"6 .ʿ - 14+ - ʿ 0/+"6. *60 8ʹ - 1 ʿ
* 6. ʿ6. *40 - ʿ ,0 6 8ʹ ,1*4 6 5* 2+8ʹ ,1* :0*6+ - ʿ ʹ 3+ 2+8ʹ . , 1ʿ1 4 * ʿ +6,+*3+0ʹ , .+66 - ʿ
0 6ʹ 21* 8ʹ . ,ʿ " 20 1ʿ 0" 9 1* 8ʹ . *6 3+ .0ʹ + +ʿ 0 6 6+62 ʿ 6. ʿ +6ʹ +55" , .6 1*,8 ʿ 3+ .8ʹ 50 ʿ
5". 60 .8ʹ ,0"02 . ʿ - 1 8ʹ 0 .6ʿ *6 .ʿ 60 - 5"1 + - ʿ " - 608ʹ 0 0*6 ʿ 06ʹ 0+,7. 6 , ʿ - ; 60 ʿ
50 ʿ 5". 60 .8ʹ , 6 .ʿ 51 - 5. - ʿ 90 6.6 1ʿ 50 - 660 06+ ʿ .44 6+ - ʿ +6ʹ 0 6 8ʹ 4 02+8ʹ 5+2" ,0ʿ
150 . ʿ. 608ʹ +.8ʹ *1*ʿ 0/0 ,0. *6ʿ .+6ʹ 6.20 * .0ʹ .50 . *6+ ʿ 06ʹ , . *08ʹ :06 6 8ʹ 4 02+8ʹ *ʿ
- . ,0""1 - * - 05 1 60*6< +6 *3+0ʹ .2ʿ *<+ 8ʹ 06ʹ 04 6 1 68ʹ :1, 2+8ʿ 5+2" ,0ʿ5 : .6 - ʿ
3+0ʹ *ʿ ,1*, 1* 2+8ʹ .2 6 *0.6+ ʿ 06ʹ +6 .3+0ʹ 5. 8ʹ - .9 6 .6+8ʹ +5 0 - ʿ 4 4 8ʹ *ʿ + 20ʹ 06ʹ ʿ
0/6 .ʿ + 20 - ʿ 4 * 2+8ʹ 0"9 ʿ .+4 0*608ʹ 0ʹ 5 .020. *6ʿ .0,ʿ E. *4. : ʿ .4. ʿ : ,0 - 1ʿ
60 6 1 ʿ 51 63+. - ʿ .4ʹ + 20 - ʿ .+ 1*0*" 8ʹ ;0*0 .6ʿ 4 0ʿ 7 " 40ʹ , .56 : 8ʹ *ʿ 5 .0 ʿ
0*6 .ʿ 6 . * .4+ - ʿ , .+ .ʿ *ʿ 1551 6 - +8ʹ 60 - 5+8ʹ ,1 - 50 0*4 * .6.ʿ ʹ 3+14ʿ + +8 *ʿ
14 + - ʿ .+ 1*0* " :0 6 6

ʿ. . /ʿ E. *4. : ʿ ,1 - 51 61ʿ - .<+8ʹ *ʿ "040*4 8ʹ 712 " 6.6 8ʹ ,6ʹ 5 1
: *, . + - ʿ E. ""120"9 , . + - ʿ . * - 8ʹ *0916 + - ʿ + 6ʿ 3+ 550ʹ "" ʿ *+"" 8ʹ ,1*4 6 1* 2+8ʹ
5 .4ʿ 0" 9 1* 8ʹ +2 0 20 0ʹ :1"02. *6ʿ 06ʹ - " ʿ .4ʹ 018ʹ .ʿ .667 .ʿ 06ʹ 4 * 2+8ʹ . : , ,+8ʹ
- . ,7 1ʿ06ʹ 41" +8ʹ 06R0 ,R +8ʹ * 7 " - 506 . 0ʹ 516+0 + *6ʹ Ṅ 5"0 3+0ʹ ""1 + - ʿ <. - ʿ
40 04 1*0 - ʿ - 04 6. *6 2+8ʿ &. "0*6 *+8ʹ U $. 40+8ʹ 16. ʿ E . :0" *9.0ʹ *ʿ J". *4 ,1ʿ
" - 60ʹ 0/ʿ .4 :0 2ʿ ʿ ."06 ʿ+ 20,+" .0ʹ 5 .0 04+8ʿ 4 *+ - ʿ 5. 608ʹ 40 0 +0 .6ʿ 3+ ʿ *,ʿ
,1 6. *6 .0ʹ . ,ʿ"0: 6.6 8ʹ *" - +". 06+ ʿ *ʿ "+ ʿ 0/,+ .6 170 - ʿ 5 .0 .6+8ʹ 0 6ʿ 0ʹ 5 1ʿ5 .B
6 .0ʿ" 20 6.60ʹ . - 8ʹ 1040 .61 + - ʿ .47 .0" "(ʿ .ʿ ,1*, " 1ʿ 4 *+ - ʿ3+1 + - ʿ5 . , , 5+ .ʿ
*ʿ 0"9 1ʿ" 6ʹ .+41 6.8 ʿ 40,056+ - ʿ ʹ ,060 + - *1*ʿ 2ʿ 1 " 04ʹ 616 ʿ *12 " 6.6ʿ .ʿ ,1* , " 1ʿ
* 51" 6+ - ʿ 40,056. * ʿ06 . - ʿ *12 " 6.60 - ʿ . , + - ʿ1 4 *0 - ʿ *ʿ +.8ʹ 5. 608ʹ 3+." ʿ : ʿ 50 ʿ
6 . / "0 ʿ . ,ʿ51 6 0 - 1ʿ5",20 - ʿ.ʿ". , 1ʿ1 4 *0ʹ 50 +.". .ʿ "" +8ʹ 0/0 - 5"+ - ʿ 0,+6. .ʿ0 "0 ʿ
8ʹ , . 6 8ʹ .4UE0 - 2". ,+ - ʿ0/5+9* .6 8ʹ 61 - 0*6. .0ʹ , ʿ5 .00 .6ʹ < 50 ʿJ". *4 . - ʿ4 , *40ʹ
60 ʿ . , 0*8 ʿ 12ʿ 0 - ʿ - ."0ʹ 90 6. - ʿ ,1*6+ - 0" . ʿ .ʿ E. *40* 62+8ʹ . 04+8 ʿ E . :0" *9. - ʿ
:0* 6ʿ 155 4 - *3+0ʹ . ,ʿ5 .0 4 + - ʿ *ʿ5160 6.60 - ʿ 0409 6ʹ < - 1/3+0ʹ 05 025ʿ ʿ 6 02. ʿ
60* 8ʹ 06ʹ (. *9 "0* . * ʿ. *6 6 6 8ʹ *60 :0*6+ʿ4. *,+"+ - $7 " 551ʿ 0,1*, "". 6+ ʿ3+ ʿ8ʿ . ʿ
4 6ʿ4.6 8ʹ ʿ 4ʿ 4 ʿ)60 8ʹ 5 + - ʿ *ʿ9 .6 . - ʿ. , ,05 6ʿ5160 6.60ʹ .4. ʿ+6ʹ ." 18ʿ3+ 2+8ʹ
.03++ - ʿ : 40 06+ ʿ ,1*4 6 1* 2+8 ʿ 09 ʿ ,1*, " . 06 ʿ 3+.ʿ . ,+"6.60ʹ + +8ʹ 51 60.ʿ ʿ 1* ʿ
6 * + - ʿ 0 .0+ - ʿ ." 18ʹ 2" , 6. : 6ʿ 06ʹ 9 . *40ʹ 5 1 - " .ʿ50,+* .ʿ .2ʹ 4 * 2+8ʹ ." 0* .618ʹ
.4ʹ $7 " 55 ʿ5. 608ʹ 50 6 . / 6ʿ

& ʿ0ʹ ʿ ʿ+ʿ ʿ% ʿ . **1ʿ/ ʿS. A. ʿ3+ ʿ4 08ʹ ʿ%71 - .0ʿ . ,0 ʿ0 6ʿ . / - " . *+ 8ʹ
ʿ 1 "+: ʿ ,1 - 08ʹ *6+0 5 . ,ʿ 12 6ʹ 0/ʿ . 40*6ʿ 02 0ʿ 20"" , .0ʿ : 6+6 8ʹ" .+40ʹ ,". +8 ʿ 0,ʿ
+6 . - 3+0ʹ 1 6+*. - ʿ616.ʿ : 6.ʿ0/50 6+8 ʿ 50 3+0ʹ .0 6+8ʹ 0"9 ,18ʹ *+*,ʿ 7.8ʿ *+*,ʿ Uʿ ." .8ʹ
5. 608ʹ 0,+6+8 ʿ ,16. - 0*6+*,ʿ .ʿ + 8ʹ - *+8ʹ 40" 40 .6+8ʿ 3+14ʿ ,+ - ʿ ." 85 1,0 2+8ʹ *ʿ
$7 " 55 ʿ5. 608ʹ 6 . * 6+ +8ʹ , 0402.6+ ʿ + - ʿ5 .0,0 0 .6ʹ - 1 8ʹ A1. ** 8ʹ + 6 ʿ S."ʿ
4 ʿ *ʿ , . 6 8ʹ 5 150ʹ . - + ,+ - ʿ"+0ʿ 50 6 "0*6 ʿ +6ʹ :+"91ʿ <.4 .6+ - ʿ + 6ʿ 0/6 *4 ʿ
3+. *3+. - ʿ.)ʿ6 .4. *6ʿ0/ʿ . * - ʿ - 10 1 0ʹ 06ʹ". *9+1 0ʹ 4 +ʿ . *60ʹ 0/ʿ 03ʹ ,1*6 .41 ʿ 3+14ʿ
12ʿ"+"5 , 1*08ʹ 40ʹ ,ʿ .ʿ $7 " 551ʿ ,1*,056.8ʹ 1 - * ʿ 50ʹ 40 6 6+6+8ʹ 71 6ʿ .4ʹ"+4 2 + - ʿ :0"+66ʹ
0/51*0 ,6+ ʿ 4ʹ 0/ʿ)60 8ʹ .4ʹ A1ʿ *4 0. - ʿ ʿ + . - ʿ06ʹ $06 + - ʿ 0*41C. - ʿ 09 8ʹ
E0*+.0ʹ "09.6+ - ʿ .2ʹ 01ʿ / : ʿS."ʿ 4 ʿ 0/ʿ, . 6 8ʹ .4ʹ . - + ,+ - , 56 8ʹ 06ʹ 51 60.ʿ *60 ʿ
,056 8ʹ 5 .6+ 6ʿ 3+ 2+8ʹ * +50 ʿ .4402.6ʿ 3+. *413+ 40 - ʿ 2ʿ - . *+8ʹ 5 .0, .8ʹ : 4, ,6ʿ
40, 0: "0ʹ ,0 : ,0 - ʿ 0 1ʿ71 6 "ʿ51 04. - ʿ5 .020 0ʿ G+.8ʹ :1,0 8ʹ 40"50 .6 1* 8ʹ 5",* .8ʹ
.2ʹ 01ʿ 0/5 0"%0 .6ʹ 41"1 ʿ 0/ʿ , .040ʹ A1ʿ ,1:04 ʿ3+ ʿ 0ʿ .2ʹ 05 61" 8ʹ 0 . ʿ ,1*,056+8ʹ <
ʿ ,+<+8

& ʿ % ʿ # "" .8ʹ ʿ

% $ ʿ P̄ &ʿ % 0ʿ ʹ .ʹ ʿ 4 D ʿ ʿʹ
6 9%ʹ $ʿʹ ʿ 6 " ʿ ʿB ʿ Ṅ ʿ(ʿ / 6 (ʿ /, , $ʿ ʿ -/ Dʿ ʿ+ , ʹ ʿ ʿ)

= ˁ *ˁ 0 ˁ F =

,+<+8,1*" " 1.*6 0.%+*06.*+ - 09*+ - . - 2 :0 .6ˁ * 0" , 0/504 6 1*0 * ,.* & ˁ
+ ,056.ˁ06 6.6 8%+ , 8ˁ 3.ˁ .**.ˁ * 03+0*6ˁ *40ˁ1,,. 1*0ˁ + - 56.ˁ * 9*0 - ˁ (ˁ
ˁ. ,0 - ˁ E+"66.*. - ˁ *ˁ .+6, 2+8ˁ51 6+8ˁ . 67.9 * 0* 8ˁ.ˁ . 1"1ˁ :ˁ0/ 6 - . . - ˁ0/5+9ˁ
*. +*6< 06ˁ51 60.ˁ 6ˁ 0"9 + - ˁ - +8ˁ1, ,+"6+ - ˁ,". - ˁ 090ˁ,+ - ˁ 0* ,1ˁ 167. *91ˁ
E+ .*1ˁ4+,0ˁ 104+8ˁ ,0 .6ˁ ,1:04+ - ˁ - - " 8ˁ.2ˁ *61* 1ˁ$0 0" 1ˁ3+ˁ$7 " 551ˁ
ˁ .ˁ 0, 06 8ˁ05 61" 8ˁ0 .6ˁ50 ,+ 1 2+8ˁ1, , + - ˁ51 60.ˁ,1* 6 6 6< *1*ˁ .2ˁ "2.*1ˁ4+,0ˁ
0<+ :0ˁ " 1ˁJ 40 ,1ˁ" ,+6ˁ6+*,ˁ<. 6.2.6+ ˁ3+. ˁ8ˁ *ˁ 0"9 1ˁ,". - ˁ *ˁ5.660 *ˁ) + - ˁ
3+0ˁ5 12.6 1*08ˁ,1*3+ 6: "06ˁ06ˁ.4ˁ 090 - ˁ *ˁ 5.* . - ˁ50 6+" "06ˁ . - ˁ"1*90ˁ." .ˁ
,.+ .ˁ + 6ˁ" :0ˁ$0 0" 1ˁ, 04.6+ ˁ" :0ˁ 5"ˁ$7 " 551ˁ $0 0" +8ˁ""3+ 40 - ˁ , 561ˁ.5+4ˁ
*18ˁ4 +ˁ 51""ˁ 5+2" ,.61ˁ 4ˁ$7 " 55ˁ - .*4.6+ˁ 0ˁ 0, "0ˁ,1* 0 "+8ˁ0 6ˁ3+14ˁ ,1:04+8ˁ
5 .:1 + - ˁ,1*") 1 + - ˁ + 6 1ˁ.+ 61 ˁ0/6 6 " 06ˁ06ˁ - 06+8ˁ0" 06ˁ"ˁ.4ˁ0+ - ˁ 0 - 660 06+ ˁ
+6ˁ<. - ˁ+"60 +8ˁ3+. - ˁ151 6+0 .6ˁ5 1;0 7 - ˁ - .9*ˁ.* - ˁ<+:0*0 - ˁ51 1ˁ - 50""0 0ˁ
*1*ˁ,0 . 06< .+6ˁ"ˁ 06 *0 06+ ˁ + 6 +8ˁ *40ˁ.+ .ˁ + 5 , 1*0ˁ3+."ˁ,1*).ˁ +.ˁ40ˁ
60 6.ˁ0 "0*6ˁ.4ˁ40"50 .6 1*0 - ˁ.4 90 06+ ˁ $7 " 55+8ˁ:0 1ˁ"1*90ˁ." . - ˁ, .04 8ˁ.ˁ$0 0" 1ˁ
5.6 .6.,ˁ ,.+ . - ˁ , 04ˁ :1"+ 6< 3+14ˁ : 40" ,06ˁ ,1:04+8ˁ 3+ˁ , 140 , ˁ E1 - 0" ˁ
(":.0ˁ,1 - - 0*4.6 1*ˁ"+. 7ˁ 1 6+*. - ˁ40202.6ˁ (":.0: 4+. - ˁ3+.* $0 0 +8ˁ4050ˁ
2.6ˁ .2ˁ. - 1 0ˁ 5" +8ˁ." 0*. ,6ˁ G+.0ˁ 6ˁ:0 .ˁ +*6ˁ+6ˁ,0 60ˁ."60 +6 + - ˁ:0 + - ˁ0""0ˁ
0,0 "0ˁ0 6ˁ ˁ "2.+ - ˁ 0<+ 3+0ˁ "18ˁ .ˁ6.*61ˁ , - *0ˁ.2 1":+*6ˁ 0 60ˁ$7 " 55+8ˁ
6.6 - ˁ51 6ˁA1ˁ + 6 +ˁ - 1 60 - ˁ , * .ˁ0<+8ˁ.,ˁ" 60 .8ˁ4 " 90*60ˁ ,1*3+ ˁ06." 0 :. ˁ
<+ " 6ˁ.63+0ˁ.4ˁ 0ˁ - ˁ "5.* . - ˁ5, 0 ˁ0/ˁ3+ 2+8ˁ,+ - ˁ1, ,+"6ˁ *60ˁ 5 + - ˁ06ˁ0ˁE+ ˁ
" + - ˁ * 6ˁ 1040 8ˁ .6 1*08ˁ06ˁ3+1ˁ60*40 0*6ˁ,19*1: "06ˁ *40ˁ,1*" " 1 + - ˁ 0, 0ˁ
61 + - ˁ ,+ - ˁ E+ " .* 8ˁ 0*1:.*41 + - ˁ1, ,." 1*0 - ˁ. 5+ 6ˁ 06ˁ .2ˁ01ˁ60 - 51 0ˁ,+ - ˁ
E+ 1ˁ50 ˁ1 .61 08ˁ +18ˁ.90 0ˁ,105 6 3+.*6+ - : 8ˁ4 " .40*6 2+8ˁ 4.,1ˁ(5 *1 .ˁ,. ˁ
ˁ 4 *."ˁ%1"06.*1ˁ06ˁ$06 1ˁ ˁJ. , . 41ˁ&0"0C . + - ˁ - . ,7 1*0ˁ - .9*.0ˁ.+41 6.6 8ˁ.,ˁ
5 .40*6 .0ˁ: 8ˁ +50 ˁ0.ˁ 0ˁ.2ˁ 5 1ˁ,1* +"6 8ˁ ˁ3+ˁ 0 - ˁ - .9*.0ˁ - 1" 8ˁ4+2 3+0ˁ0:0*6+8ˁ
,6ˁ - .<1 8ˁ,1*6 .ˁE. " .0ˁ 09*+ - ˁ50 ,+" ˁ3+. - ˁ+6 " 6.6 8ˁ.4ˁ 0 - ˁ 5.*. - ˁ *40ˁ04 ˁ
6+ .0ˁ5"0*. - ˁ - - 0*" "3+0ˁ + - 56 2+8ˁ06ˁ *1*ˁ.0 6 - .2 "ˁ71 - *+ - ˁ .*9+ *0ˁ,1* 6 ˁ
6+ . - ˁ, 0ˁ - +"6 8ˁ:0 2 8ˁ40 - 1* 6 .2.*6ˁ &0 + - ˁ.5+4ˁ - 5.6 0*60 - ˁ *<+ .0ˁ5 *ˁ
, 5, - ˁ5. + - ˁ ""1 + - ˁ .6 1*08ˁ:."+0 +*6k 3+ ˁ *4 *ˁ *ˁ 0"9 + - ˁ0/504 6 1*0ˁ ˁ
6.6+8ˁ 09 8ˁ" ,06ˁ.2ˁ0.ˁ.:0 ˁ *ˁ 09*1ˁ20"" 8ˁ, : " 2+8ˁ3+." .61ˁ * - 6.60 - ˁ5 1ˁ0/,+ ˁ
.6 1*0ˁ.4 - 660 0ˁ*1"+ 6ˁ3+ *ˁ * 3+0ˁ<+/6.ˁ06ˁ - 5 +40*60 ˁ0+ - ˁ .,0 0ˁ4 ,02.6ˁ3+14ˁ
+18ˁ3+18ˁ - 06+ˁ"09+ - ˁ,10 ,0 0ˁ402+0 .6ˁ+6ˁ 2"+60ˁ41 - ˁ: :0 06ˁ 1 8ˁ,1*6 .ˁ 40 - ˁ
5.,0ˁ *60 ˁ5 18ˁ. A.ˁ *60 51" 6. - ˁ20""+ - ˁ90 0 0ˁ5.60 06+ ˁ 1 60ˁ + 6 ˁ+6ˁ4 "0*ˁ
ˁ 1* 2+8ˁ 8ˁ3+.8ˁ4 / ˁ 4 *+ - ˁ 08ˁ" , 09 .0ˁ." 3+.*6+ - ˁ6+ 2.6.0ˁ +*6ˁ 1 6+1ˁ
,/"03+ .0ˁ *90*6ˁ51 - 5.ˁ *ˁ,. 6 8ˁ,0"02 .6.0ˁ %0 6 1ˁ.2ˁ0/,0 ")ˁ4 0ˁ - .9*1ˁ5. .6+ˁ
R4 1ˁ. - .6+8ˁ - 51* 6+ ˁ,+ - ˁ,1 1*.ˁ *ˁ, .5 60ˁ06ˁ:0""0 8ˁ.+ 0ˁ61 3+0ˁ *90*6 8ˁ5 06 ˁ
9, - - 84 6 *41ˁ *40ˁ0/ˁ,1*,".: ˁ *ˁ3+1ˁ<.,02.6ˁ.ˁ*12 " 2+8ˁ41 - 0 6 , 8ˁ.6 .6 8ˁ.4ˁ
1 08ˁ.04 + - ˁ 6 6+ˁ'+2 ˁ. , 0ˁ0 - ˁ * 6 - 4. ˁ5 - + - ˁ.ˁ,0*6+ 1* 2+8ˁ06ˁ:060 .* 8ˁ
6 4, - ˁ.6 .6 8ˁ0/, 5 6+ ˁ 3+ ˁ,1 5+8ˁ51 60.ˁ.4ˁ504 6.6+ - ˁ404+,+*6ˁ06ˁ, 1 . - ˁ5 .0ˁ
04 86 .4+*6ˁ ""ˁ51 1ˁ0140 - ˁ1 4 *0ˁ. , ,056+ - ˁ.403+ 6.6+ - ˁ5 19 0""ˁ ""+4ˁ *ˁ - . ˁ
*+8ˁE, - .*1 + - ˁ5 .0 ,41 + - ˁ,1*" 9*.*6ˁ .ˁ3+ 2+8ˁ.4ˁ03+ 608ˁ ,"15506. 18ˁ " ˁ
5.*1840".6+ - ˁ0 6ˁ ""ˁ40 - + - ˁ.4ˁ+ 2 8ˁ51 6. - ˁ,1 5+8ˁ" 6+*6ˁ +2ˁ.ˁ,1*, ")ˁ5 :.6ˁ
09 8ˁ 1..61 2+8ˁ,1*" 7 " 60ˁ.6 .6 8ˁ * 9*ˁ,0 0 - 1* .0/,056+ - ˁ06ˁ50ˁ$. - + ,+ - ˁ
6 .4664+ - ˁ *ˁ - .<1 0ˁ + 2 8ˁ60 - 5"1ˁ4051* 6+ ˁ5 .0 0*6 2+8ˁ5"0 3+0ˁ,10*12 1 + - ˁ
.*6 6 6 2+8ˁ06ˁ . - + ,0*" ˁ ˁ "402+ 90* ˁ (":.4+,0*""06ˁ 6 02.60* ˁ05 ,15 8?
L ˁ (ˁ> . ˁL %D ˁ6 ˁ; ˁ* % ˁ ˁ,
8 ˁE SR ˁ (*ˁ * ! ˁ ˁ * ˁ ˁ* ˁ ˁB
ˁ ˁ ˁ . 51 6.6+ -
ˁ%ˁ ˁ ˁ$ ˁ? ˁ 3ˁ ˁ9 " ##$ 20 ˁ9 " 6ˁ ˁ , ˁ ˁ ˁ ˁ - #ˁ ? ˁ ˁ #
9 $ 2(" * /ˁ)b# 6ˁ ,ˁ% " ˁ 2 # ˁ ! 2ˁ ˁ-)
. ˁ - ˁ qˁ

[illegible]

4 *+-ʿ -.*4.60ʿ ,1* 0 56.0ʿ 0 0*6ʿ 0 60"+8ʿ * 7 "1*< * 8ʿ ,+-ʿ 0" 3+ 8ʿ 0. +-ʿ "2" &
? 10:1 4.-ʿ5066ʿ +2ʿ + 8ʿ 06ʿ " .,ʿ,.,4+*6+ ʿ5. 8ʿ .2ʿ ,1ʿ 40 , 6ʿ 06ʿ 5 0ʿ 6.*40-ʿ.ʿ ' # ʿ
*1**+"" 8ʿ *ʿ 4ʿ +21 *.6 8ʿ ,.56+8ʿ *ʿE 10* *90* +-ʿ -.*+8ʿ 6 .4 6+ ʿ*1*ʿ, 6 .ʿ -1 6 8
9*1- * 5".0ʿ 50 ,+"+-ʿ *ʿ 0" 3+.ʿJ .ʿ 0**020 9 8ʿ +6ʿ .+41 6.60-ʿ +.-ʿ
-. 06ʿ -.9 6 .6+8ʿ .,ʿ5 .0 0418ʿ -+6.:0 .6ʿ . " *9.0ʿ .4ʿ *+-ʿE0 -.* ,ʿ1,0.*
1,,. +-ʿ:0 +8ʿ . ,"ʿ :." 4.0ʿ B · ·,ʿ 40*2 59 +-ʿ*12 "0-ʿ , :0-ʿ 0,7" * 0*
0-ʿ -51 +0 46ʿ ,+-3+0ʿ ? 01:. 4 0* 08ʿ .5+4ʿ 3+18ʿ 0*.6+8ʿ 5 1: *, .0ʿ 7.206+ ʿ.,
,0561ʿ5 9*.0ʿ U̇E06*2".,0* "8ʿ 7+*, 1ʿ *ʿ5 1-+"9.*41ʿ .4:0 +8ʿ A1.**0-ʿ + 6 +-
40, ,61ʿ5. 0 ,ʿ" 1""0*6ʿ ʿ 9 .-+-ʿ ,70"0*+-ʿ 5 .0 40-ʿA*" +-ʿ8 0R0-.-ʿ $0
6 +-ʿJ +- ʿJ1,,1*0-ʿ 1- -. +-ʿ *61* + .ʿ 0:." .-ʿ ." 18ʿ *ʿ: *,+".ʿ.+41
6.60ʿ 5 :.6.ʿ43,ʿ<+206ʿ< ,6ʿ *ʿ 01 +-ʿ"1,+-ʿJ .*, 0+-ʿ ʿ " *9. -ʿ J1,,1*0-
1"4. - ʿA1ʿ (6.:0 0* 0-ʿ*1*ʿ + 50418ʿ +2 6 6+ 6ʿ .6ʿ + 2 8ʿ 05 015+8ʿ ʿ +*0 +8
$06 0 +8ʿ3+ʿ1" Zʿ. 6 +-ʿ4141 ʿ 1:.* ʿ40 *ʿ6701 19+8ʿ06ʿ5 .: 6.6 8ʿ 7.0 06 ,.3ʿ.,0
*3+ 61 ʿ12ʿ 4ʿ -06+0 .6< +6ʿ " .ʿ"16ʿ 0151 +-ʿ50ʿ 0"9 +-ʿ *.+9+ .6 1*0ʿ 01
:. 4 .0ʿ05 015+8ʿ U 6 0. 0 + ʿ +-ʿ,6ʿ *ʿ : *,+".ʿ ,1*<0, 6ʿ 0**020 9 +8ʿ < *0,ʿ4 4
0.56 :+-ʿ60*+ 6ʿ 044.6 8ʿ 12 4 2+8ʿ *ʿ 0 9+-0* 0ʿ -1*. 60 +-ʿ3+. 4.-ʿ .6 1*08
50,+* . .8ʿ 044 6+ +-ʿ ." 9*.6.ʿ0ʿ ʿ "1 0*1 +-ʿ50* 1*,ʿ6 +"" 6ʿ+*40ʿ ʿ 1
1* . *ʿ.+ +9 6ʿ ʿ0.3+0ʿ + 20ʿ *ʿ 3+."1 0ʿ : 6.-ʿ * : 6ʿ 6.ʿ -.6.ʿ *ʿJ .ʿ5160 6.60
5 .0 0(ʿ 6 .-ʿ40ʿ 0.ʿ0/6 .ʿ5 1: *, .-ʿ5 15.9.*4.ʿ049 6. 0ʿ ,105 ʿ .4.ʿ 50ʿ .-
5066 2+8ʿ 06ʿ .:0*6 0 2+8ʿ ʿU% .* 0".*.0ʿ5 .0 04+8ʿ .4- 660 06+ ʿ+6ʿ 018ʿ .ʿ5 .0
4 8ʿ E0 -.* 8ʿ 0/ʿ ,1". ʿD$1": ""0 ʿ06ʿ E. 5. 8ʿ J. 0* 8ʿ3+ʿ5.+"1ʿ.*60ʿ40,0 "0 .6
"09 4* 2+8ʿ .2ʿ + 6 1ʿ.*60ʿ2 0** +-ʿ -51" 6 8ʿ " 20 . 06ʿ 6ʿ .4 0*6 02.*6+ ʿ5"0 3+0
0/ʿ1 4 70ʿ03+0 6 ʿ *0,ʿ*1*ʿ 06ʿ , : 6.608ʿ 5 , .5+4ʿ .667 .-ʿ06ʿ 4 *+-ʿ,1*, " +-
* 6.2.6 +6ʿ5 : *, .0ʿ5 .0 08ʿ, 0. 0- ʿ.44 6.ʿ,.+ .ʿ3+14ʿ .* 0".*ʿ.2ʿ .**1ʿ 7+<+8
.0,+"ʿ L- .ʿ3+1ʿ5 -+-ʿ ,ʿ . 1"1ʿ :ʿ404 4 "0*6ʿ 0 750ʿ ,1- -+*0-ʿ,+-
J .ʿ 9+20 *.61 0-ʿ 7.2+ "0*6ʿ 6.ʿ % .* 0".*.ʿ4ʿ *90*.ʿ3+.-ʿ[illegible] 0*670- 1
, -6ʿ 0" 9 1* 8ʿ ,.+ .ʿ.40-56.-ʿ . 1"+8ʿ :ʿ 0"9 ,ʿ<+ 8ʿ 0,0 .6ʿ .66 2+ 6+ < -.*
4.6+ 3+0ʿ 0**020 9 1ʿ +6ʿ -.*+ʿ. -.6.ʿ $1": ""0 .*18ʿ .-50*.ʿ06ʿ .:0*6 .ʿ0/
50"".6ʿ 0**020 9 1ʿ6.*3+.-ʿ5 .0 4ʿ% .* ,".*ʿ" 20*60 ʿ5.-0 +*6ʿ' 013+0ʿ -.9 8
3+14ʿ *ʿ 01 +-ʿ9 .6 . 7ʿ 6 2+*0ʿ I h 1""0*1.,ʿ.ʿ$7 " 551ʿ * 6 6+6+-ʿ.21"0: 6 ʿ (1"
ʿ(Z1""0* 08ʿ3+1 +-ʿ -.9 6 .6+8ʿ *1*4+-ʿ -+6.:0 .6ʿ -50 +-ʿ0<+8ʿ 406 04.2.*6
)0+6 ʿ5. 6ʿ.44 ,0 0ʿ 0ʿ ,+5 0*608ʿ 04ʿ.4ʿ0/6 0-+-ʿ: -ʿ*ʿ5. 0 0*6ʿ *60 - *.*60-ʿ
0**020 9 +-ʿ.4- 0 +*6ʿ $ 1/ -.ʿ,+ .ʿ + 6ʿ4,ʿE0 -.* 8ʿ5 1: *, .ʿ50""0*4 8ʿ 2ʿ
4ʿ *4 4+8ʿ ,1*:0*6+8ʿ I =+657.* .0ʿ " ʿ 1*ʿA+*ʿ +2ʿA1.** 8ʿ . 62: ʿ * 6 9.6+ʿ40ʿ
, 06.ʿ.ʿ .6.: 8ʿ 06ʿ J 8ʿ ,1*6 .ʿ,1- -+*0-ʿ 71 60-ʿ.+/ " .ʿ .-50*.-ʿ * 6 1ʿ. 6+ʿ
60*6.:0 .6ʿ 0**020 9 +8ʿ ʿ 3+ʿ,) -ʿ*1*ʿ +,,0 06ʿ h ."60 +8ʿ U̇ 090-.*+8ʿ - " 6 .8ʿ
5 .0 04+8ʿ S."ʿG+ *6 "ʿ :."" 1ʿ.*60ʿ +620*ʿ<+/6.ʿ0. * , *.0ʿ -1*60-ʿ51 61ʿ12" 4 1*ʿ
5 *, 5 +-ʿ 0, 6ʿ 6A 28ʿ 4 10,0 ʿ) "6 .<04 *.0ʿ +2<04.ʿ.4 ".". -ʿ3+14ʿ 2 .,7 +-ʿ
70*ʿ0 6ʿ 1" -ʿ 1 ".0ʿ +" .*.0ʿ*1- *0ʿ *+*,+5.6+-ʿ, *4.ʿ +*4 3+0ʿ :." 4 8ʿ -10ʿ
* 2+8ʿ .,ʿ6+ 2+8ʿ ".5 40 8ʿ 04ʿ".6 1 0ʿ3+.-ʿ5 1 +74 1 0ʿ 1"%.ʿ 40ʿ ,060 1ʿ *+"" 8ʿ 5 1ʿ
5+9*.,+" 8ʿ -+* 6.ʿ0 6ʿ * "ʿ3+.0ʿ *+50ʿ .4ʿ 0. *ʿ .+ 1*0* 8ʿ 0/ 6 +/ 6ʿ ʿ5. 60ʿ *?ʿ
-.ʿ. ,+8ʿ 1 -.ʿ50ʿ "+-0*ʿ3+14ʿ0 6ʿ*0 :ʿ * 6. ʿ51 9 6+ ʿ *ʿ -04 1ʿ155 41ʿ51*8ʿ
0 6ʿ.4- .*4ʿ150 8ʿ +2" , 8ʿ *ʿ)*4+-ʿ :." 40ʿ .4.4 8ʿ -.6+8ʿ' ,+ʿ.44 6.ʿ<+9.ʿ6."
. 60

ʿ % ʿ?ʿ, 0. 06+ʿʿ 48ʿ ,060 1ʿ71-1ʿ +2ʿ -0* 8ʿ .,ʿ ,.-*8ʿ ."6 6. 0ʿ 1" 6+8ʿ 0 .6ʿ +-ʿ06ʿ
60-+"0*6+8ʿ06ʿ3+ʿ1<- 1ʿ4+-ʿ5 1: *, .0ʿX#.0ʿ *ʿ $ʿ !"$; #$ʿ:)ʿ0 $
0 4ʿ +2ʿ : 1ʿ 7,."+0 .6ʿ * 6. ʿ : 6+"ʿ". 0 : 0*6 8ʿ
% $ ʿ 21 ! !$ 7ʿ 24 ! ʿ ʿ !)$ Iʿ &ʿ ʿ] !$
U̇ ʿ 9 " #)$ ʿ " ")ʿ ʿ- / !ʿ !# ʿ ! ʿI ! ʿ $ (# $ 060 0*ʿ [illegible].550""0ʿ ʿ
- / !ʿ0ʿ -. 8ʿ $066ʿ ^ʿ.+6 08ʿ [illegible].550""0*6ʿ ʿ- "$ ʿ8 3 2ʿ 4ʿ; # " 2ʿ (# ʿ0 " " #)ʿ Iʿ-!#$
, $ʿ 2 ! (" 0) $, # , !$ 5ʿ !)ʿ; # $ ÆE2 "$ 2 ! $
W ʿ &ʿ ʿ " 5 !ʿ: ʿ8 , !# $,ʿ4, b $ / ʿ !ʿ ʿ;] ʿ ʿ9 ʿ ʿ(&$,ʿ ! !$$$
2ʿ ʿ "# ʿ ʿ !#/ " ʿ _ !/ , ʿ 2 &] $ IʿC # !$ 2ʿ ʿ # ! ʿ1 / " !$ 2.2 $

_ P

& '." 60 1* 6 + . ' +6 ' ,+ - ' 5"0 + - 3+0' / , ' 50408' *60 ' 0' 4 6. *6 . ' 06' 6 .2 2+8' *' . "6+ - ' 1 '
' ' * , .6 8' . 6 9 .6. ' *6 ' 15+8 :0"+6 *' .0 ,' + 50* + - ' .55. 0.6' ' *03+0' - *+8' 6. - 0*'
1 - + - ' 6' 3+. - ' '<+9 8' 12+ 6 1 2*8' ** 60 06+ ' $1 6 8' : ' + 28' *6 .6+ ' 3+. ' ,1* '
6 *0*60 - ' 50 6.6' "1 ,1' .4 - 14+ - ' 7+ - " ' 6. ' 6. ' +6' 0. *' 5. 60 - ' , .6. .4 8 ,+ - ' , '
"+ *6 ' " . / .6 8' 155 4. * ' - 0 90 0' 51 " *6 ' 3+14' + + - ' 0 6' ""18' 6161' 12 4 1* 8' 60 - 51 0'
*1 *' 0, "0' $ .0 4 . ' *' 0. ' 0 . *6' "1' E0 - . * ' 3+ 2+8' 5 .00 .6# 0 40R0 +8' E . "5. 8'
J. 0* 8' . *60. ' 9* 0 ' 02 8' 0 +56 1* 2+8' * 6 1' 5+9* .6+ - ' *' 3+ 2+8' 0/' 0**0 '
20 9 . * 8 7 61571 +8 %, " *90+8' * 9* 81 4 *+ - ' 4+41 ' 9". *40' *' , .5+6' .4 .4. '
40 40 .6+8' 0 6' 1/ ' 61 - 0*6 8' : ') "6 .<041' .4 :04 8l ,+ - ' - + +8' *60 Ů . ":0 . '
,0* . - ' 06' .9 0* 0 - ' 51 6. - ' 4 +6+8' 0 06' / / / :' 5. ++ - ' + * . ' 04 6. ' - .9 6 .6+8' .4'
0**020 9 + - , 2+ *6 06' ,1""13+ + - ' 51 6+". *6 %. *40 - ' ,1* :0*6+ - / :S. (0/6 " '
+6' E0 - . * ' : 6. - ' . ,' 08' . " : .8' 5 .4 ' + 20 - ' 6 .40 0*6' < . ,' + . 0*6' *6 . ' 6 - , 6 ,'
+ 6 1' *1*' - " 6.6+ 18' .63+0' * ,1"+ - 08' .4' " - 60 - ' 404+ ,0 0*6+ ' , .56 : ' +6 *3+ ,'
*0' 5 06 1' 4 - 660 0*6+ ' 55 4. * ' *' :0 2. ' 0**020 9 ' ,+6' (Z1""0* "08' .4. 6 '
1 ,1' 5 .0 4 1' - .61' 0**020 9 +8' . :0*6 . - ' 4+ , 6' ,+ - ' / ' - " 6+ - ' ,171 6 2+8 '
) 28' % . * 0". * .0' 5 * ,058' ,+ - ' - . 6 - 8' , : 6.6 2+8' 1, 06.60' ,1* <+ *4. ' .2' 1, '
, . + .0 6 :1 ,1""0 8. 0* 1"28' 06' +2< ,4. ' 5 . ' 3+ .0' .3+ 8' *1*4. *6+ ' 7 .206K' *' 5. '
. " .0' 6. ' 0 3+ - "" . ' * . ' =+657. * . - ' 06 :0 8 ,1*6 *0*60 - ' . " 3+. *6+ - ' * ,+ '
: .6. ' 2" 8' .4 - 14+ - ' 5 1 +*4 8' 06' - + 1' 5 .0. "61' , 02 8' 6+ 2+8' 4 66*41' . ,' 51 '
- 10 1' - .61' . ' 51 6. ' ' 0 90* ' .4' 51*60 - ' + 3+0' - + * 6. ' 0/' . "60 . ' 5. 60' "+ : 1' 06'
51 6+ ' 3+0 *' "+ : +8' 0 , 6' - .6. ' 1"08' *90*8' 60 0. ' . *60' 51 6. - U *' , . * . * '
5 1 - *06' + - " ' - + 1' * , +8' , *4. ' $ 15+9* . ,+"+ - ' 60 - ' 50 . - 5"+ - ' .2' 5 8'
+*4. - 0*6 8' ".5 40' 6 +4+ - ' *' . *9+"1' . *60' 51*60 - ' . ". * + - ' . 9 6' 3+1' , .6. .4 .0'
609+*6+ ' *60 ' 7 .0 ,' 4+1' - + * - 0*6. ' 6+ 8' 0 6' ' 1 - 20 9 , . ' 5 .0. "6. ' 06' : . " 4. ' '
0/' 3+. ' , ,+ - 3+ .3+0' " 20 ' 4, 504+8' 0 6' 06' , 02 . ' 61 - 0*61 + - ' 0< . ,+". 6 1*0' - +"6+ - '
4. - * ' 12 0 "2 2+8' * 902 .6+ ' $ .00 .6' + 2 ' ' 8 .+ * ,+ 6 +8' : ' - 6 8' *90* '
+9+ 6 *+8' 7 R +8' ,1*6 . ' 71 - 1' 50 2+8' . ,' - - . * 8' - " 608' *' 5160 6.60' 7 .202 .6 '
3+ ' , , 60 ' "1 , , , ,' 0 . *6' .40 .6' 06' , 7 .4' ?A090 +8' "1*91' - " 6 .0' + + - 140 .6+8'
. ,' 5 +40*8' 4+/ ' 3+ ' 0 0' 0/' 514.9 . ' 0 - 50 ' 40 ,+ - 202 .6' 6. ' +6' 50*08' .+ * ,+ 6 + - '
1 - 0 ' 50*08' R + - ' 4 ' 50*08' %090 + - ' ,1* " . ' , " 0*6' 1) , 8' 1 - 20 9 , . ,'
6+ ' 1551"R18' * 04 6' %70145 +8 ' (1*1 +8' : ' 4' (, / 6 " ' : . ""13+0' - + * : 6' 0/'
3+0' * , . * . - ' 51 6. - ' :0 +8' 2 "^ - ' 5 14+ , +% 4+1' 51 6' / / / : ' 61 - 0*6. ' ,1*6 . '
+ 20 - ' 4 "5"14+*6+ ' + - ' (1*1 18' 1 " - 20 9 , .0' 6+ 8' + + - ' 12 0 6 8' .4 - ' ,1* '
+"6+ - ' 0/ 6 - . ,6' 0/' ,1) 2+8' ,+ * ,+"18' + 3+0' .4' 5040 - ' 6+ 8' 50 ' 1 62 08 .9 ' ,+ .6 '
G+1' ,19* 61' 12 0" ' ,1*6 . 18' .9+*6' 06' , . - ' , , . ' *0' 3+. ' 5. 60' , 0*6' 14 +*6 '
6. ' +6' ' 1* ' (056' ,' +6 *3+0' ,1*6 *90 0*6' 2' :0*0* .6 8' + 6 2+8' 5 - + - ' * '
0 6.6' 0**020 9 . * ' 51 6' 06 . - ' +6 *3+0' 5+9* .6+ - ' ' 5+" 3+0' 6. *40 - ' 0**020 '
9 . * 8' 1 6 1' 0 01' *9 0 "+8' . ' R 1' ,"+4 6+ ' + +8' *' +260 . *0 8' 14 * 8' 5+9* . '
6+ ' < 50<1 0' 6. - 0*' 12 , "2 + - ' ,1*4 6 1*0' %. *40 - ' + - - + - ' 6+ 8' , . ,+ - 0*' . '
(1*1 1' 3+ .6' ,105 6' / ' S . " ' 4 ' 40<04 .3+0' ,1"+ - * . + - ' 5. 60' 51 6 4 0' 604+ - ' 5 + - '
- .9* . ' - 1"0' ,1 + 6' *0 - *0' 0/ ,+2 61 + - ' 0. ' + * . ' ".0 1' *60 ' 7 . * ,' 6+ - ' 06' 51 B
6. - ' * , . * . - ' (1*1 +8' < . - ' . *60' - .9* . ' + 6 ,1 + - ' - . *+' 140 0' 60 . - ' 06' .990 , 0'
,1050 .6' ' +"60 + 3+0' 0 - 50 ' 1 ". - ' :0 +8' 5 19 04 0*41' 0. *' 2 , : ' - 5"0 0' - 04 6. '
2 .6+ ' 6.6 1* 2+8' 06' 5 15+9* . ,+" 8' 0/ , 6.6 8' 3+ 2+8' 1 "2 08' 40 0*402. *6+ ' *40'
- 06+' 12 0 6 8' *<041 404 6+62 . *4 8150 2+8 *' + .0 ,19 6.2 .6+ ' ' 6. *40 - 3+ ,' 0 +5 '
6 1*0' + - - . ' : ' .4. ' + 6 ,18' * : .4+*6' 4 ' - .9* . ' 04 6. ' , .040' 5 150""+ *6 ' "+50 :0 '
* 0*6 2+8' 4, *' 0**020 9 . * 8' 06' 5 ' ,+ - ' 4 .6**$' *6 . ' + 20 - ' ,1 - 5+ ' J1 "2 08
6. *61

% $ ' ?5 0' . ' ? 0" ' D ' 7 ' ' . ' ' B ' ' 2' ' % '
2 ' ' % . ' 2 ' ' ' ! ' DB ' 7 ' " ' ' .6' 0 3$? ' '
' + 0

' .

6.*61'4. - *1'. ,4'*+"".'51 60. .6 2*0'.44+,'516+0 .*6' +6'150 ' ,10561' * 6. 0*6' G &
6' +, ,04+' ""1' * ".6'12 0 ' :0': *1'0.+ 6 ,1' +6'3+ 4. -' - 0*.1 .*6' " " '0 +5') '@@@
6 1*0 -' + - - 1' - .*0'616 8' : 2+8' : 'S."' ' ., +*' : 1'0 :0*6+'*. -'0/,+
2 61 2+8' * 6 1'6 - , 4.6 8'06'126 +*, .6 8'5 1/ *. 8' 6.6 1* 2+(@ .4' :" "' +!
3+0' *' ,1" 0' .' (1*1 1' 0/ 6 - 6+ -' 50 + - 5+*6'< 0.0 3+0' ,+ 614 2+8' ,060 18' *' +
9. .':0 6+*6'' 0 60 0'.+ 18' *60 , +*6'' . - .'06',1 . - 0.6+ -' .5 +*6'' 0 '3+.0' , 0
1'51 +*6' 9*0'40:. 6.*6' ." 3+18'06 . -', .5 +*6'< 3+1 - '+*+ '3+'12' *60* + -
9+8' *' . , , + -' 0' *4+0 .6' ". , ,1'+6'0 .6' *4+6+ -' 4 ,+"1' 50 6. ,+"1' *' + 20 -' 0
,+ -'.44+,+*6' (04',+ -' *60 -'.4'. - . *', . 6 8',1*,".* .6+ -'0 "06':0 .' 1 6+*.
+50 :0* 0*6 2+8' h " 0" - 1' ? h *9. 40*1' *1"41' ' +:0:1 4.' 06' A1.**0' +
* 97. - 1' 2 60" ,+8' (,71*1:0 +8'A1 J 40 , '3+' .4'.+/ " .5 1,+ .*4.'+ 20'0/ 0 .6
.60 ' 06' R 'H* 0 '*00' *1*'U " 0*4 +8' 3+ 4. -' 71 - , 4 1' *+50 '5.6 .61' *
. - 8' "1*9 +85 1:0 6 ' - +"6 8' 0/' + 8' 1, , 8' *60 , 5 +*6+ ' (,71*1:N +8' : :+8' *
71 6 + -' - .*+8' 40:0* 6'< " 0*4 +8' ,+ -' . - +"1' 1, , 4 6+ '3+'70 1' +50 0 "0' *1*
0 0*8' . 1' 40' 0/0 - 5"1' .5 .', .4.:0' *,+2+ 6' 06' ,1* 1 "+8' 0 6' G+.0' 4+ -' +*6
*+""1'*1*' * + .0' 90*0 0'. ,' .0: 6 .0' *' 155 4.*18' 3+ 2+8' . - .' .40 - 0 .*6' .'5 .0
4 . 8' R: 6+ '*+""1'.06.6 8'.+6' 0/+8' 4 0 - *0' 3+1' 02.6' +6' 2' *1*' - *+8' .2'
155 4.* 8' " ,06' *0 - 2+8' 3+. - .2'71 6 2+8' ""' - 06+0 0*6' 6.3+0'5., 0+*6+',+ -
155 <4.* 8' 06' .2' *<+ .' 40 *,058' 0 - 50 .6+ 18' 5 1 - 66+*6' 04'5. 6 8' 7 * - 0' 408'.
" ,0*6 1 1' - " 60' 0 :.6.' "6 +8', .561' 60" ,1' 3+' .6 0 -' *' . , ,0"0 .*4 8' .+/ .
2+8' 097 1 0 -' 1 0' 5 1: 40 06' 5.0*,' .* - 1' ,1*, 40 .6' *0,' - *+8' .*902.6+
.* -' 0**020 9 +8' :0 6+8' *012 4 1' *1*' 0/' .* - 1' +, ,04, 0' 6.3+0' 60" ,
, .56 :', .+ .', 02 '+"6 1', 6 13+0'6; - 5.* 6.0' - 66+*6+ ' '3+.' .6 1*0' 0/' ,1""13+
1, , . 1*0' 4 01 4 .0' *60 '5 .0 4 . "18' 06' 155 4.*18' 0 '51 0*6' %.*40 -', + -' .
6.: , .,',15 .0' 41 - + -'506 0*6' 06' 5 0' **+ - 0 8' 4 ,+"6.6 2+8' ,1* " 6. 06+ ',1 -
- 14+ -' +50 :0* 6' "09 2' E."" , .' ./ - " .*' ' 6+ - 0" ' 4+ 61 0' 8E" .0 1< *00
1' 06'A1.**08' 2 *+506+8' 0/' + 20' 04.*.':0* 6' 71 - 1' 6 0*++8' 06' "1,1 + -' - +
* 0*41 + -' .55 - 0' 50 6+8' 3+ ? "1 6+ -'.*60' - +* :0 .6'< ,+<+8' ,1* " + -'40':'.4
51 6. -' , 90* 0 -' ., 0*4.', + -' *1*' 5 12. 0*6' 4+,08' +6' 50 ,+"'5"0*+ -' 06' .6 8
0 "0' 4 ,0 0*6' ' 50, 0' 155+9*.6 1* 8' 5 .0 4 . '60 0 0*6+ ' 06' .4' 404 6 1*0 -',1 -
50""0 0*6+ ' * 6 6+6.'0 66 .*8 "+ - 0*':0 20 .6 1<,+ 5 .0 0 6+8' (; - 01'' 1 4 .,0* 8
=+657.* .0'5 .061' + - - .'4 " 90*6 . 0' *,+2+ 6' Y51 6.'. 0*. .'50 '6 4++ -'".20
0 6.6.' 6.'+6' 9"12' *' 5 + -'+ 3+0' 1 + -'50 :1". 0*6' *' 71,'15 * 1*+ -' "+ 6+.*
6 + -' ."1', + -' * 7 "' 6+61'60*6. '51 "0,0 - 0 06' 1 *+506+8'.+ 61' 0**020 9 1' +
0 .6' +6' - +* 6 1*08', , .'+ 20 -'0/6 +0 06' 3+ 2+8' ,1 - - 0.6+8' *' + 20 -' - 51 6.6 1
5 17 20 06+ ',0* +0 .63+0' "+ - 0*'*.; 2+8'., '" 2+ * , 8' * 40*4+ -'5 ., 4 3+0
41*0 8' *' 12 4 1*0' 0" 6 8', + -' 0" 3+ 8' ,15 8' 12: . -'.+/ " . 2+8' 5 150 .*4+ -
0'3+(' * 6 1' 12 6 *.6 8'.* - 8' 3+.*3+. -'*+*, 1' 40' + 6 ' - 1 60'., ,0561' *+"" 8'
,1*4 6 1* 2+8' .4' 404 6 1*0 -',1 - 50""'5160 .*6'< *,'3+ 40 -', + -' ,19*1:0 +*6'A1
J 40 ,+ - #(,71*1:0 + -'<. -' 0 - 0"', + -' 8' 33.8',1* 0 202.6' ,15 8' .4' D 141 '
5. -', .0 +6*' + "0' $1 60.', + -' * 0""0/ ",*6' 0+ -'51 6 0 .1'.'A1.**0' (6+50 1' 3+'
+ - - .' 0 6 *.6 1*0' 6 .* - 1' 5 .060' 15 * 1*0 -' 70*1' .4' ' *41 5. -'5 .0:0 '
60 .6' ,+ -', 5 1' 40"06+ -'0 0' 6.*40 -' 40 50 .6 8' .+/ " 8' * "0 6',1050 +*6'< 06'
,+ -'150 2+8'. 4+ 8' 1 *+506+ -'<. -'.4' 6+ 8' 5040 -'50 :0* 0' 06' *' 01' 0 "0' 3 '
5 15+9*., +". '.3+.'4, :.6.'50',+* ,+"18' - "2'5+":0 0' * 6 .61' +2:0 60 ,6'.4'7.0,'
50*+ .'1 - * + - 06+ *' + 90 0*6+ '1 , 1' 0' +1' .6 8' 06' 40,1 ' 0, "0' .6' 0 56 8'.4
M % #
% $ ' D ' 6 6 ' ' ' ' .'- . .'' '+.' 6' 0
' ' ?G ' # ' , * $' ? ' ' ' *& ' '% '' ' ? ' '/ '
' ' ' \? '+ ' #+' ' ?% $' '+ ' M 5
. , ,

< ' ') ' % ')' '

& ' 0**020 9 + - ') 60 8 % 5'S . 'A 0, ' 60 ", 1'51 63+. - ' + 28'12 40 ' 21050 .6 - , * 0
6" ,) (' - ' ,1""13+ + - ' 506+*6 ' G *61' XS< 6 4 0 6 . *H 6+,' 7 8 ,1<.4 6 1 - ') ' 5 .0 4 . '
,1* 5" , .6 8 9* 8 ' 40 ,060 1 +* 2668 ,"155061 . - ' . , ,0*68 ' : 6.' 06 02+8 . ": 8 ' 0/ '
0*6 ' 06 *' 6+6+ - ' .4 E0 - .7 .0" - 60 - '404+,0 0*6+ ' 40 4.6. ' *6 .'6 0 8 - , * 0 8
,1*6 .' 4 *08 - * - 0 - " 6.6+ 18 ' " ' 2,'16 * *1'0 .*6 ' 3+ # +,71"6 + *' +< 3 0
.4 - 50 ' *0 8 404+,60 +*6 ' ,+ 2+8 .4 *0,0 . .'51 6.*4.'50 20* 9*0 ,1 - - 1*'
4.6 8 ') 2 ' - 51 6.0 2 +". 4 ' "&14.0 ' ,704.0 ' (,.90* ' "61 ' ,171 608 P('
, . - 2 .0 ' - .<1 + - ' ., 8 .44 .0 ' %+ * ' 50 1"+61E.""120"9 8 ' 12*1*' * :+*0 .6+ - '
6 50*4 + - ' + 2 8 4 5 0*4.0 1 , . 1*0* ' - 1 0 +1'3+.0 0*6 2+8 ' 71*2 . 1' 06 0/6 .'
5 1: *, . - '4 - 8 ' , *,20 9 +8 *6+0 5 . - ' 0 20*0 90 6. ' ".06+8 5 150 .6 < +2 '
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+ - ' 405 0, .*6 2+8 . - 50* 2 8 06 .:0*6 0*" 2+8 ' 5 0 4 * 2+8 .+ 61 ' + 6 ' +6 '
, .+6 1*0) 60 8 ,1* 9*.6 8 4.6. ' 0 ' 3+.*410+ 3+0 5 1,0 2+8 : + .' + 606 ' 5 .0 '
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.**18 0.8 4 - .6 * .63+0 ' ' 760 0.' E 1, * *90* 08 5 .060*" ' <+ 8 + +, .5 1*0 ! '
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- - 0".*40* 08 " 20 . - ' 21*1 + - ' .*60.'1, ,+5.61 . - ' 51 "0"" 1*0 - ' , .5 .*6 ' 4 - 6 '
6.*6+ ' 1 - *08 , .56 : ' ., *1 - ".6 *.' 0 60"+8 *60* +8 ' " 60 .03+0 06 * 6 + *0*6.'
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7.0,' , .56 : ' .' E 10* *90* 2+8 4 - 66+76+ ' 06 *60* +8 *' 5 - 8 " 20 6.6 ' 0 6 '
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+ +8 0/. 0 +*6

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+2'A1.**0 (,05+ 1' % . ": .*1' .4+"6. ' 06 .' E01 9 1'? ".*4 .6.' .4 - 14+ - ' $ '
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50ˁ - .6 - 1* + -ˁ *ˁ516, 6.60ˁ7.20 0ˁ3+. -ˁ 0"9.8ˁ50ˁ *4 *+ -ˁE.""1 + -ˁ - 50 1ˁ
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6.60ˁ +.ˁ0 ,0 06ˁ *,ˁ 02 4 .*ˁ150 -ˁ 020"" 2+8ˁ *ˁD 20 * .ˁ0 0*6ˁ 6+ *ˁ *ˁ1, ˁ
,+"61ˁ5 1 09ˁ50ˁ+.406ˁ+6ˁ + , ,56.8ˁ,+ -ˁ 9.670" 1ˁ06?# 671" 1ˁ060<+ 40 -ˁ .4 1* 8ˁ
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- .6.8ˁ 4 0+ .6 1*08ˁ06ˁ5. ,0 -ˁ 0" 9 1* 8ˁ 6+ 2.*6 + -ˁ - 1" 6 1*08ˁ 0 .0*.*4.8ˁ<+8ˁ
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06ˁ<+ 0ˁ .03+.2 ˁ *60ˁ5. 608ˁ,1* 6 6+0*41ˁ3+14ˁ 506.6+ ˁ5". ,0 0ˁ ˁ 40ˁ5.6 - 1* 1ˁ
3+1* . -ˁ 40ˁ01ˁ" 8ˁ.2ˁ 20".ˁ . 5"ˁ5.6 + " .ˁ - 1:02.6+ ˁ5". ,0 0ˁ 60 - ? 4ˁ+6ˁ<+ ˁ
*9" , .*1ˁ40, 40*4+ -ˁ 0" *3+.6+ ˁ . 1"+8ˁ 8ˁ 51 6ˁ .667.0"ˁ5.6 8ˁ12 6+ -ˁ 0 ˁ
: * .0,1 - 6.6+ - 20*0 , . + -ˁ 09 8ˁ9 .6 .ˁ. , ,050 .6Kˁ3+.0ˁ . 1"1ˁ - 1 6+1ˁ 6.6 -ˁ
0;1,.6.ˁ0 6<ˁ3+14ˁ *ˁ5 .0<+4 , + - 20". ˁ.09 06+" 6ˁ 09 *.ˁ013+0ˁ 0ˁ4 , " 1 0 -ˁ
5 .02+ 6ˁ *ˁ9 .6 .ˁ3+ .0ˁ: , " .ˁ.2ˁ5 .ˁ50602.6+ ˁ,1*,040*4.ˁ - ˁ - +6++ -ˁ 104+8ˁ
40 0*" 1* 8ˁ5 1ˁ+6 + " +0ˁ 09*ˁ6 .*3+ "" 6.6,ˁ06ˁ 0" 9 1* 8ˁ *ˁ 8ˁ 0,056.0ˁ,1* 0 : .6 1*0ˁ
,1*6 .ˁ ,610""0 8ˁ06ˁ *:. 1 08ˁ 4+ - ˁ .44 6+ - 3+0ˁ3+.*413+ 40 -ˁ " .2067.ˁ - .9*. .ˁ
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+. + -ˁ 0 + -ˁ4 50*4 1ˁ6 00ˁ, 6 .ˁ: 6.0ˁ5 15 .0ˁ506 ,+"+ - ˁ *,+ 6ˁ*0ˁ3+. - 4 +ˁ
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; &" ' "".2,67.0' 41*05',.:0.*6' G+ 2+8'. "8'V 1 61* +8'06' *90* ' 4+, .'06',)0*6, .'

' # ' ' + -'5160*6 .' 06+8'4+ -'* 7 "'* '3+14' 5 0'., 6' 0 60'., + -'5+6.6' *,9"04 8',2"'
09 8' 06' 5 .0 , 56.' .4 - * 6 .*4' .6 1 0'5 6 *. -'.+ 61 6.60 -' .4' ,',1*6 ./ 6' 06'
090*' (60 "*' *' 5160 6.60' 7.20 0' :1"+ 6' 006, 8' 5 1'. 2 6 1'.+6' .4 - "" 8' .+6' 0/'
,"+ 8')*40' 6.6'5 1,0 08' 40*+1' ,10+*6'< 06' 671" 1' 4+,0' 40"0 61'04 4+*'5 1'
51*+*6' 3+1' <+202.*6+ '1 - *08' 3+ 0/05702 8' 0/ 0*6' 06' 0/.90*. 8' - *1 08' 0""
0.6'5 1' 09 8' "20 .6 1*0' *6 .'/:' 4 08' .4' 9*.',1*:0* 0' 1*,+ +' *90*6' *12 '
"6.6 8' .4' J.ZR R. -' . 61' +18'3+18' *1*',/ 9+1' *+ - 0 1' 7.202. '15517 6' 1 '
61* +88' <. - 3+0' *' 01' 0 .6' +6' ,1* " 90 0*6' ,+ -' 120 6+8U? 1: +8' *9" ,+8' 1 .61 '
60 :0 6',6' +"6 1', 6 13+0' ,1 - - 0.*41' 5 151 6 8' ,1*4 6 1* 2+8' ,18' .'5+9*.',1*'
6 *+ 6' 7 40' 1 61* +8' , + -'50 6.0 +8' 0' 41 - + -' 0,05 6' *1*' *0' + 5 , 1*0'
3+.7' :0*0*1' 506 6+8' 07,6' 140 -'60 - 51 0' 0* ,+8' Ů (4*0 +8' 20 * .,'5 1 0/'
6.*40 -' :0* .' - 506 .6.' *' *9" . -'4 ",0 "6'5 1: *, .'E+ "'' + 1' 1 - 1* .0'
5 .0 4'6 .4 6.',+ -'/ ', ,60'. * 8' * +".0' - .9*.'5 +40*6 .0' .,'1 6 6 4 * 8' ".+40'
,+ -' + - * 1' - 50 1'5 .0 + ""06'' 0,'* +"61'51""'*. - *03+071, "0 402+ 6' . B
9. 6.'8 9". .' 0* ,': '0' 1 1 0' *056 8' .667.0' (6+. 6' : 4+.'06' A.,12 ': '
.: .'.**1'," - .40 ,1' "+1' 0' : 6.'40 - 9 .: 6'< * 9*'51 - 5.' ,9 *.0' 0/50* 8' 4.6.
',6' h 0"" - 1*. 60 ' 09 1' - 1*+ - ,*61' ,1*4 6.'0/ - .0' 5 06.6 8'5.6 0*6 .0' .,'5+4 '
, 6 .0' 10 - *.'< 3+.0' 60 ' *' ,. ,0 0 -' ,1*<04.' +0 .6' *1*' 40' , - *0' - .<0 6.6 8'
51 6+".6.' 04' 12'5 15 18' .+6' ."0*18'. - 1 08' *4 9*+ -' *' - 14+*':0/.6.' .,'5 - 1'
3+ 40 - ',+ -'%71 - .8'? 1Z. 4+8'%71 - .0'' 1 1", .0' 4+, 8' +8' 5 +8'. - 1 0' 0/'
. 40 ,0*8' *' . ,0' 1*4 *0* '50 6' 40 *40'12'5 12.608' 5 - 1' "".2067.0' 06' .4'
0/6 0 - + -'5 17 2 618' 0* ,' . ".0' "',+ -' . .' (,161 + -' 09 *.'. - 1 08''
51 6 0 - 1'12'. - 1 0 -' . 1"' "'<+* 1 8',+ -' .2067.'' .*4 "7.' 20"".0' - .B
660'' *60 '3+18',".*40 6 * .8' *+56 .8',1*, " . "0',+ -' 04 6 1*0 -' *' *9" .'0/, .:0 .6'
. .' * - +".2.6+

' '5+' '*18'51""5., 0.6 1*0 -'+"6 - 1' (0560 - 2 ' .4. .' *' 0" *.6+' +6' 06'
'5 1/ - .'#' (056 - . .' 6+4 .'5. 6 + -' - .9 8' *,0* .'0 .*6' $0 '*6, *+*, 18' *60 '
0 6 .*4+ -'Ů (. 0*. -'E1 4 + -' J .*, 0' 1 21*' 0" *'5 *, 5 8' "09.6+ - '06'
J .*, 0+ -'' 1*. -' 9+ 0 + -'$ 160 6.*6 + -' + - * + -' *'0.'5 1: *, .'4+,0 - '.4'
5+ 9.*4.8' 5 .060 6' 60 - 51 8' +"5 , 1*08' 7 *,' *40' ,1 - - 0.*6, 8' 3+14' 0" 3++*'
.**' + 6' * - *56+ -'0 6' %.*40 -'71,' *0+*6,' *60 :0*6+' 19, '?(.*". ' 0"" '
9. 4 '03+ 6+ -'6 2+*'5".,+ 6' +6' .4' 04 46' 0/0,+6 1*0 -' 5 ' .4 + /06+ -',1*:0 '
* 0*6'' 8' * 6 1' 09*' 0* ,'6 2+*+8' ,3+ 6+65', 0.6+8' +0 .6' +6' +5 .'40 - 1*'
6 .: - +8'< 4, *' 09 *.'.** 60*60' .'5 6 *.0' 9 .6 .0' "1,1' 0 - 16+8' 06' 50, 0' "09.6 1* 8'
$1"1* , .0' 1 - * *1' .2' .+".' 0"09.6+8' *'' (+2."5 *. -'5 1: *, . -' ,1*,0 "0 .6', . + -'
++ -'.090 - 0' 0 0*8' 06' +", ,0*4'41"1 8' 1,,. 1*0 -'' 0' *' * .*+8' 4. 06' - * - 0'
5 .060 - "%+ +8' ',+ -' . . .5+0"0' $7 " 20 61' (.2.+4 .0' 4+,0'. 4 " - .'. - , 6 .'
,6' . - " . 6.8' 0 .6' 01' - .<1 0' +4 1' .'5 *, 50' ""1',+"6.'3+14' *1 6 8' 5. 6 2+8' *'
0 6+8',+ -'.*6 3+.'14 .'.* - 1' 0,13+0 06' *1*' .7+ -' 2' .4' 50 * , 1 .',1*6 .'*18'
0/03+0*4.',1* " .' - .9 8' 41*0+ -' - * 6 + -'.' 1 6+*.'5 .020 '51 0'. 2 6 .2.6 '
*. -' 0" 19. 4 +8' *' 09 1*0' (+2."5 *.'5 *, 5.6+ -' (."+, . - -',+ -' + - - 1' - '
50 1' 60*02.6'< 06' *1:0 .6' 0<+8' *90* + - $7 " 20 6+8.4'5 :.6.8 *<+ .8+", ,0*4.8'
5. .6 "" - + - ' 6.3+0'<. -'.*60'3+1';'71 - *0 -' 2'40: *, 06',+ - 0+ -' . 9. 6. -
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& ' % '?' (''p'. . ' '71 - *0 -' 50 4 6.0' .+4., .0' .,'"+/+8' 2' +
* ' (' ' 140 -'60 - 51 0' 4.6+ -' +
'$7 20 6+8' 71 - *0 -' *' 1 - *0' 0, *+8' :0' .4' / '0+ -' *". 1'. - 1 0' . 9. 6. -' +' + '
"2 4 *0 -'0/5"0*4. -' :0' .4'5 :.6.8' +' +
'%' ' '$' ' ' . ' ' ' + ' '> U ' % U $' ?+ 0' 0' '
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504.*60 8ʿ1 0*4 6ʿ ʿ 3+18ʿ7.2 6.1 .6 1*0ʿ 0* " 8ʿ .,+*4 .0ʿ ʿ 1*ʿ . 6ʿ +6, +*3+0ʿ
5". , . : 6ʿ ,+<+8ʿ0/0 - 5"+ - ʿ.2ʿ .4+. 1ʿ - 5 /ʿ 0 . .+ + - ʿ06ʿ 1*50" + - ʿ6 .* - ") - ʿ
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6.60 - ʿ - 51 +0 .*6ʿ .03+ 8ʿ ,1*4 6 1* 2.8ʿ .4. - ʿ06ʿ .ʿ *,0 .ʿ4.*6 8ʿ :1"+*6.60ʿ5 1ʿ
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3+ 06 8ʿ 50 6+ 2.61 08ʿ06ʿ 71 60 8ʿ+6 3+,ʿ7.20 056ʿ ʿ 0.3+0ʿ"1, . ʿ 51 63+. - ʿ 0+ʿ$ʿ 0 ʿ
4,4 6 1*0ʿ.ʿ 04 6 1 8ʿ 0,056.ʿ +0 *6ʿ)6ʿ01 - - ʿ - +* 6 1*08ʿ40 6 +.*6+ ʿ +55" , 60 ʿ.ʿ
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* 6 + - 0*6+ - ʿ,1* , 6+ ʿ,+ʿ +2 , 5", 0ʿ [illegible]3+ʿ.40 .*6ʿ1 - *08ʿ40" .6

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J .*, ,ʿ " ʿ3+ʿ + - - + - ʿ9 .6 .0ʿ"1, + - ʿ.5+4ʿ 090 - ʿ126 *02.6ʿ ,1 - - 0*4.6 1*0ʿ
8ʿ.+".ʿ *ʿ3+.ʿ6+*,ʿ0 .6ʿ .4ʿ5 .0 04+ . - ʿ +. - ʿ - ")8ʿ 0 6Nʿ 0 3+0ʿ .4<+*4+8ʿA. ,12+8ʿ
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0/ʿ 5 +8ʿ" 60 8ʿ *ʿ. ".ʿ,19* 6+ - ʿ0 6ʿ 09 *.ʿ5. 0*8ʿ3+.0ʿ *ʿ01ʿ0 .6ʿ +6ʿ.4ʿ .:. + - ʿ
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+ 6 . - * 0 51* 8 .4 51 6+".6. .4 8 - +"6. *0 .*6 3+ 2 8 <51 60. ,060 40"09.6
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.4. - *09.: 6 &0 + - 40 8 1 - * 2+8 3+.0 0/ - 50 . 06 06 5 0 0/ ., ,1* 61
0*.61 2+8 *60""0/ 06 0 .4 +18 *,0 0 0".6+ + - 0,05 6 06 51 "06 0 04+ + -
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." 9*1 .4 +18 0:0 +8 ,1*6 . 3+. - 02. - "1*90 ." 60 . 0418 01 + - .* - 18
050 6 3+ 550 3+ 41*00 2 ,.:0 *1* 51 0 0/ 6 - . 0*6 . . 4051*0 0*6 06
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- 5+* 6.607.40*+8 0 1/ ,+ - . $ 160 6. *6 2+8 5 8 0 5,<6 : 40 06 + - - . 9*. : .
404 4 6 - , 6. 51 60. 510*. . 04+8 G+1 .41 ." 3+. *6 "50 5"02 8 . 5". , .6. 0 6
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,+ - 5"0 1 3+0 71 - *08 6 0*+18 . , - . *+ 5 1 - 5618 5. 608 +.8 5.+".6 - 40 0 0 0 06
1*+ - "1, . . 0 5 .4 4 8 *+4.6. 6.6 - : ." 41 5 .0" 4 3 < - . 0 : 4 6 . - 0. 0 0
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15+8 0 0 ,0* 62.6 . : . +8k3+6 - : 8 +"6 - 104 414" 0 60,4+6+ - + "06 *0 5 .0
4 . +"". - 51*0 0*6+ * " 8 * "1, 8 * 3+ 2+8 0* , 60 - 51 2+8 1 4 *.6.
+0 . *6 6.3+0 .2 01 60 - 51 0 ,+ - + 8 *4+"90*6 +8 .90 0 06 "1, . 5 .0 4 8 1, ,+5.6.
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* 2+8ʻ.4 - 1:0 0*6ʻ: 6.0ʻ,1* +"0 06ʻ3+. -ʻ ʻ*09" 90 06ʻ.6ʻ*0ʻ40,+8ʻ 09*ʻ.,ʻ 09 8ʻ,/ ʻ
6 - .6 1*0 -ʻ5 .051 60 .ʻ4 - +".6 1*050 0ʻ *0 06ʻ 09*. 0ʻ *ʻ.+".ʻ71 - *08ʻ *ʻ
4 9*18ʻ3+ ʻ 09 8ʻ5.6 0*6 .ʻ*1*ʻ 1"+ -ʻ.4ʻ5 :.6+ -ʻ,1 - - 14+ -ʻ 04ʻ,1*60 - 56+ -ʻ 5ʻ
+8ʻ 06ʻ 14 + -ʻ.2+6.*6+ ʻ 4+, .3+0ʻ *40ʻ,1*,056.ʻ* 7 ʻ*1*ʻ *ʻ5+2",. -ʻ50 * , 0 -ʻ
.+40.*6ʻ 3+ ʻ,+ -ʻ 09*+ -ʻ 090 - 350ʻ0:0 60 *6ʻ3+ 4ʻ, ʻ *ʻ . J0 6.6.ʻ1204 0*6 .0ʻ
1 60*6.6 1*0ʻ5 .0""4 ʻ +6+ + -ʻʻ 6.3+012: . -ʻ5 *, 5 8ʻ ,6ʻ06ʻ 0ʻ .6 ʻ50ʻ5 .0, ʻ
5 6 .ʻ *ʻ0/ 6 + -ʻ +0*6ʻ - .6+ 0ʻ1551*0 06ʻ ." 13+ ʻ1 0ʻ+6ʻ:+"*+8ʻ3+14ʻ*+*,ʻ,0"0 ʻ
6.60ʻ,+ . ʻ3+0.6ʻ - 1 .ʻ06ʻ6. 4 6.60ʻ - - 04 ,.2 "0ʻ 044.6+ ʻ G+.0ʻ:1,08ʻ.ʻ21* 8ʻ- .ʻ
" 3+0ʻ5 1 - ",+0ʻ+6ʻ 50ʻ*1:. + -ʻ 0 + -ʻ.+6ʻ- ."ʻ - 50*40*6 8ʻ - 06+ʻ. , 02.*6+ ʻ
<. "6.6.0ʻ."60ʻ *ʻ504+8ʻ *4 * ʻ40 00*40 0ʻ06ʻ +.560ʻ*.6+ .ʻ.4ʻ6+ 2.8ʻ5 1 - 56+ -ʻ *90 ʻ
* + -ʻ ., "0ʻ .5+"0 ,ʻ 6.3+0ʻ,+ -ʻ5.+, 8ʻ0/ʻ *6 - 8ʻ 0ʻ,1 - - +* ,.6.ʻ +9. -ʻ,.50 ",ʻ
8+9ʻJ02 +. ʻ51"" ,10*. -ʻ *ʻ3+.ʻ . - " . 0 8ʻ,+ -ʻ 090ʻ 0 - 1*08ʻ7.2+, .6ʻ,+ -ʻ - *+8ʻ
5+6.2.6+ ʻ*1,"0ʻ *60 - 50 6.ʻ50 ʻ7+ - "0 -ʻ - + + -ʻ3+ʻ2(.*<.,12 *. -ʻ06ʻ(.* - . ,0"ʻ
7. -ʻ51 6.8ʻ *60 <.,06ʻ40".5 8ʻ G+14ʻ+2ʻ 0/ʻ 0 0 : 6ʻ50<1 .ʻ:0 6+8ʻ,".+4ʻ51 6.8ʻ
06ʻ5 - . 18ʻ .6 8ʻ,1* " . 18ʻ,1 - 5 070*40ʻ<+206ʻ< 06ʻ *ʻ7 8ʻ ".+4 + -ʻ,ʻ . 6 0+ -ʻ
6+ 9+ -ʻ5 .0740 -ʻ3+ ʻ6+ 2.6.ʻ.+".ʻ06ʻ + 20ʻ *ʻ . 6" . -ʻ,1*<04+8ʻ0 6ʻ.,ʻ 6.6 -ʻ
4 - "+8ʻ51 63+. -ʻ *4 *+8ʻ3+ʻ *60 -ʻU "0*,1* + -ʻ *ʻ +"0 , 8ʻ5 1 +9, .6ʻ" 60 8ʻ
.4ʻ<^.6 0 -ʻ 4.6 8ʻ4 00 "+ -ʻ ++ -ʻ6. *ʻ 050*6 *+ -ʻ0/,+ .: 6ʻ06ʻ *ʻ 40ʻ +6+ + -ʻ 0ʻ
51) , 6+8ʻ ʻ+6ʻ" 2ʻ 0 6 6+0 0*6+ ʻ +55"0/ʻ 51 6+".: 6ʻ *40ʻ 0/ʻ3+.4ʻ40ʻ .6 0ʻ 0ʻ
,+ 78ʻ.4ʻ16 + -ʻ + -ʻ 0&1": 6+ ʻ3+14ʻ3+1ʻ - *+8ʻ 1" 4+ -ʻ.,ʻ4 +6+ *+ -ʻ0 "06ʻ,. +8ʻ
3+ʻ *60 :0* 6ʻ - * - 0ʻ5. +8ʻ0 6

& ʻ &ʻ1ʻ 0; 1ʻ *61* ʻ . "+ ʻ *ʻ +60* 8ʻ 09+"ʻ "1ʻ5 .0 6.*6 8ʻ
1 - .0ʻ06ʻ: 6+6 8ʻ0/50 6.0ʻ<+:0* ʻ3+ʻ*ʻ9 .6 .ʻ 09 8ʻ5 .0, 5+0ʻ "1 02.6ʻ,+ -ʻ . 1"1 ʻ
8 ." .,1ʻ +*0* ʻJ .*, 0ʻ *60 . - *.6 8ʻ .6 0ʻ /.ʻ *ʻ. ,.*1ʻ *6, ,04,2.6ʻ3+.ʻ0/ʻ
,.+ .ʻVʻ *,0 6+ - ʻ + -ʻ:0 1ʻ."60ʻ.2ʻ."60 1ʻ40ʻ *<+ .ʻ 2 ʻ+ + 5.6.ʻ.5+4ʻ*18ʻ *60 ʻ
*12 "0 8ʻ .6 1*0ʻ .6 8 0 ʻ 5060 06ʻ71 . -ʻ06ʻ"1,+ -ʻ4+0""1ʻ,1*4 ,+*6ʻ 3+1ʻ06ʻ4+18ʻ
0/ʻ. - , 8ʻ *.+4 61ʻ.5+4ʻ." 18ʻ - 1 0ʻ ,060 + -ʻ:.*.ʻ40,1 8ʻ1 60*6.*4ʻ,+5 4 6.60ʻ
+,ʻ* - 8ʻ 03+0*6ʻ 0,+ -ʻ5+9*.6+ 18ʻ.44+,+*6ʻ ʻ 0: ʻ5. 6 2+8ʻ 6.2.*6ʻJ .*ʻ
4 0+8ʻ .+9 1*+8ʻ8ʻ40ʻ3+1ʻ - 141ʻ4 / ʻ."60 1ʻ1,+"1ʻ,.56+8ʻA1.**08ʻ . +8ʻ :.ʻ
16+8ʻ< ,+ -ʻ +*0* ʻ:0*0 +*6ʻJ .*, 0+8ʻ? . 4 +8ʻ 20 .,+8ʻ06ʻ E01 9 +8ʻ2(,71 .ʻ
20 9 +8ʻʻ3+ ʻ + - - 4ʻ "0*6 1ʻ *ʻ03+1 + -ʻ 1 1ʻ:ʻS."ʻ . ʻ.4ʻ - +6+. -ʻ50 * , 0 -ʻ: /ʻ
ʻ 1661ʻ 1 0ʻ,0 6. +*6ʻ 0, 4 6ʻ*40ʻ .+9 1*+8ʻ.ʻ 20 .,1ʻ *40ʻ(,71 - 20 9 +8ʻ.ʻ ʻ
:. 161 1* 1 "+8ʻ3+ʻ46ʻ 5 0ʻ9 .:0ʻ:+"*+8ʻ *ʻ,.5 60ʻ.,,05 6ʻ 0: +8ʻ "0 7." 60 ʻ +6ʻ06ʻ
20 .,+8ʻ .+, .6+8ʻ0 6ʻ06ʻ7 0ʻ3+ 40 -ʻ *ʻʻE+ .*.8ʻ.040 8ʻ7.+4ʻ7 *,ʻ"1*90ʻ4,".6+8ʻ
5.+"1ʻ51 6ʻ12 6ʻ 0: +8ʻ.,,056.ʻ *ʻ5+" - 1* 8ʻ 121ʻ5".9.ʻ4 +6 +8ʻ 40,+2+ 6ʻ06ʻ .4ʻ0/B
6 0 - + -ʻ.4ʻ - 0 .*4. -ʻ6.20 -ʻ .44+ 6+8< 6.ʻ+6ʻ5 .0ʻ - ., 0ʻ "1 0ʻ ""1ʻ1 8ʻ0/6 *41ʻ
1 ".ʻ,+60,1*6 .4.ʻ0/6. 076ʻ *ʻVʻ 10 .* 8ʻ.04 2+8ʻ40,0 " 6ʻ5 4ʻS."ʻA+*ʻ 0/ʻ6161ʻ
01ʻ60 - 51 0ʻ40,+ - 20*60 -ʻ 04+"1ʻ *: 6ʻ06ʻ.4ʻ5+": *. ʻ0<+8ʻ. 6 4++8ʻ4 08ʻ*140"3+0
*0,0"%. .

. ʻ ʻ8ʻ)216ʻ '+ʻC2!> "=D 3=)"3 >23(("(3"3 ! 1 1 '))3=3)5 ='H"3 ! "('! 31ʻ
B"=')" "&"=" 2H!=5 2) B=")"' 1ʻ >' ! ʻ += ")=5 G="302'+(3 3) ! 1G!+')'9 &3=0'9 !>"' ')3= 'G+!9 3HD
C23 1ʻ G="3 =3B3 >'('B<")5 +3 3=3)5 ! 20)'9 >3(")'! 'D " 3=0"(3 >' ')2= 21ʻ&3=!ʻ "()3= $ " "$
0295 2)ʻ +') ')3= 12 " .9")< "95 C2!ʻ%2&3 39 ' D ; #$ 9= 0 $
ʻ ʻ ʻ ʻ ʻ ʻ8 k'"= E- ! $ #) ʻ $ʻ *):- ʻ $ $ 7 ʻ ʻ / # ʻ # , ! ʻ
ʻ $ ʻ ʻ1 $ K- ! ! ʻ ; / $ K ʻ , # ʻ ʻ 2) ! 0 $ 8 ʻ ʻ
ʻ ʻ8 !) ʻ ʻ ʻ ! #) $ 4 E ʻ ʻ , #$ ʻ8 I- ʻ ʻ0 0 X ʻ / "ʻ
$ 4 1 # ʻ ʻ9 $ W1 # ʻ T$
. ʻ ʻ J ʻ /

_ P

&" *0,0 . .'.09 1'5 15 .' .*+' - * 6 .: 6' 03+0*6 " - 1'06'".6 " *1' 4,4', 607 8'
) ' "" ' ,".+ 1'*0'5 .060 0+*6 + -'03+1 5 -'06', . 1 + -'"" 05 6+'1 0*40 06+ ' - 1 6+. - 3+0'
6.*40 -'5+2" ,0' 504. ':1"+ 6'3+'71*18'*1*'* '5 - . 8': 8'06'12' - .9 .' - 0 6.'
40 0 ' 1"06' 06' 504.2 "'616 +8' .+".0' 51 - 5..4' 5 1/ - . -' '$.+"' .040 -' ,+ -'
.+9 1*1' 6+ - +". ' <+ 6' 5 ,' +*+8' 0/' 0*0 6 .'*. -' 09 2+8' *60 0 "0' +*0 2+8'
.5+4'*18' * .+ "+ -'4+, 6+ ' 504.: 6' *40' +2' :0 50 . -' ,+ -'#51*6 8' 150 8' .4 - '
.*4 '<. - 4+4+ -'40 9*.6 '3+' .' ', . 1' +9+ 6 * .*1 + -'50 'U * +". -'$.".6 . -'.4'
,. + -' +5. .0' / ' . ,+2+8' 51 9 ,+ ' +*4. - 0*6.'<0, 06' .4' +5.6. -' - 10 6+8'
0,0 6' 06' 5+2" ,1'.2 6 *+ ' E1* 1".6 1*08' 06 . -'3+. ' *'41 - 0 6 ,1'"+4+'.4 - 6' '
5 .0,". .3+0' .0,+"' *90* . 06' *' 8' $06,+ -' 1* . 4+ -'06' $7 "55+ -'U$1 6. - <'
5 0, 2+8' .,' 5 .0 - 8' *: 6.: 6'+6', . + -'.401' 2' "+9+2 0 -' :0 2+8' 405"1 . 0*6'
$1 60.' 06' - . - 1 0.8' 0 8' 6.6+.8' +6' 06' $.+"1' '(6 . 61' .+"%.4.0' (.* - 09 * 1'3+'
12' '.". -', .+ . -' *14+' 0/' *" 4 8' +2' 4' *60 04+8' 0 6' *'0140 -'60 - 5"1', 9'0+'
.: 6'5.". -' 0 - 0*60' 5R20 '3+.0'<. -'0/'14 1' *' 09 8' ,1*60 - 56+ -' :0*0 .6' 2' *,0 '
6+* 3+0' +6' - .<1 0*06+*,' 09 ' *1 . * 8' * . - .' 6.6+.0' "".0' , 04.0' .*' ,1*6+'
- 0" .'40 *,058' 0/, 6.6.' ,1*6 .' 090 -' 04 6 1*0' .' + 0*60' :+"91' 40<04.0' *6<' 06'
*. 2+8' ., .+ 2+8' 6 +*0.6.0'5.+"+ -'.2 + 6' *'5 1 "+0*60 -'5 16 .4.0

& ' ' ' 0' ,+ -' ."3+.*4 +' .+".0' ".06 6 .' 6+ 2." 06' 0/ ' *1: 8' . 04 2+8' +, '
,040*6 2+8' 3+' 5 .060 616+ *' 40" 40 + -' "0* 02.*6' .4' *90* + - 04 6' ' 06' 3+. '
50 '5.,0 -'1 **' ,+ . 2"+6+8' 0+ -' 2"+ -'3+ 06 8' +4+ -'4+002.6' +6' 1508' 5 14 '
90 06' 06<66' 1 - 0 -' 16 '" , ,*6 . -' 0' 0 J+*40 06' ;5 .0, 5+1'.4' 4' *,0*61 0 06'. '
2 6 1' + +8' 0*.61' 8' & ""1,". 1'4060 6.*41' 09 8' .41"0 ,0*6 .0' ,+<+8' ." 13+' *45"08'
.4' 08 - .9*1'5 *, 50' 4 9*.8' +1560' - 506+9 . .2.6+ ',1 +561 0' ' ,)' +, ,0*6+'
.6+8' 0 6' 6.*40 -'90*0 '6."' 1,0 1' 4 9*+8' J .*, ,+8' 1+8' <+:0* 8' ,1*6. - *.6 "" '
/*+8' ' 3+ ' ,+ -'21*.' 06' 5+41 0 -' *' g +0 6 .' 40,1/ "06' & ""1,". ' ,1 - - 0*4.6 1*0'
,+ -' 0/' *' $1"1* . *' 5 1 , ,0 06+ ' *' 0<+8' 9 .6 . -' * *+.6+8' 0 6' *' 3+.' 51 60.'
.0 . 1' 5 .0 04+8' *,0 6+ -' 0" 3+ 6' - .<1 0*0'. 19.*6 .'.*' .5., 6.60' :0 .6+8' +0 '
21* 8' * 3++8<' "+/+' 50 4 6+8' . 6+' *61"0 .*4+8' ." 0*.0' : 6.0D126 04.61 ' 0 .6' *'
' .+4 2+8' .+2, 8' 06' ,1 - - * ,0*4 8' ,1*6 .' **1,0*608' 06' - 140 6 - + -'3+, * 3+,'
,."+ - * 8' *'*1: 8' :04 9." 2+8', /,19 6.*4 8' 06' 6 2+6 8'.*6 3+ 8' .+9,*4 8' 6.*6+ -' *'
90* 1 +8' 3+.0' 4+ -'4 :0 .' 4 :0 8' 60 - 51 2+8' 06' 12' 4 :0 .8' ,.+ .8' * 51 6.' ," 0*6'
09 '.+41 ' + 6' +6' .21" 6 8' "" 8' 1 - 7 2.8'.*6 3+ 8' +*4.' *'+* ,+ -'6 2+6+ -' ,1*?'
+*40 06' 3+1' +2' .*6 3+ 8' "" 8' *1 - * 2+8' *1:.' .4' " 2 4 *0 -' - 51 0*8' ? - "0 .0'
'5"02 ' . +8' ""+40 06' *' ,060 8' 1,1 8' 4013+0' * 0 6+8' " 60 .61 + -'71 6 8' 3+18'
40 40*418' 1,0 '0/0 - 5"1' 09'5 15 *.2.6' 3+.0 61 08' - 0* . 18' ,1 ";2 6.8' ."0. '
61 08' 3+ 2+8' - 50* 0' .:02.6', ,.' 0' 7.20*8' $0 '018' 9 6+ ' *' 09 8' . - " . 6.60 -'
*6 14+,52.*6+ ' ""+ 6 '"1,1' 5+0 ' .,'<+;0*08' 5 .0 6.*4' * 41"0' *60 '3+18' 5 - + -'
+0 0' A.,12+8' ' 0: +8' ."+ +8' J .*, ,+"' .+9 1*+8' 06' A1.**08' . +8' :. '
16+8' 40' 3+ 2+8' - 145' 4 / 'J .*, ,+8' '(5 *.0+8' (.*"+, +8' $.+"+8 - . 6+8' E .+ ".4.'
(.* - 09 * +8k

& ' ' % 'V'." . -'*0,'71*0 6 1 0 .', .+' 41 . -' : 6. -' *60 04".0' 7.*+8 .4' . , .*.' 09 8' .6'
. -' +'+ 6+" 6' 5 .:1 + -',1* "1 + -'3+.0' ""' 51 6 0 - 1 6'
' ' (' ' '=@ '4 50 *R 0 -'&0 60 - *6' +."2 '06'.+ 61 '21*1 + -'40'
/'/ D ' . . ' ' (' '3+ '5 3+0' 1 - * + -'<+ .6+8' 71 6 8' 06' 71*0 6 6 - ' ,+ +$
+6' 3+ 3+0' '4' ' . 3+0' 06'.' +8' : 6 8' ." 0*'. 0 .6.' ,+ " 6.60' ,1 . -'
' .+".' 6+,' 5 .0, 5+.' 9 .6 .' 0 .6' 0*.6' & ""1,". ' 090' 40 1 '1+' +, ,0*6+ .6+8' ++'+ '4 '
06J .*, ,' 1 ' 1 + -' ,1 - - 0*4.6 1*0' *6 2' ' " ' I
4+,02.*6+' ""+ 6 08' 5+0 ' .,'<+:0*08' 5 .0 6.*4' *B '126 04 .61 ' 616.3+0' : 6.' * . - 8' ' 0 .6' ++'
41"0 ' 3+ ' +63+ 3+0 + '4 ' 8' "
',1*+561 0' 3+', +0*6.8' .47+,' .*9+ *0' +/1 8' '5"02 ' ,+<+8' .4' , . - , * . -' 71 - 1' *7+ - .*+8'
+50 1 0' .**1' $ 46.: '12' - 5 150 .6. -' 2' 5 15+ *.6+8' : 402.6+ ' + +8' ++'+ '4 ' I'"

'%' ' $ 'I'4 ' ' V(' $' &B $' -& ' '4 $' '5 6 ' ' $'4 $'
'+ ' ' && ,0' & ' +' ('5 6 $' *
. $' '5 6 G& 0' '+

ʿ ʿ ʿ # ʿ . Tp

(.*6709 7 .8ʿ,6ʿ 0,+*4. 1ʿ"1,1 3+ʿ66 1/ʿ 0 + -ʿ5166ʿ +*6ʿ - .8ʿA1+ . ʿDE ." 0" - ʿ & ?
(056 - .* .0ʿ .2ʿ . - : "".ʿ5 .0 4,ʿ"09.6ʿ " +8ʿ 06ʿ 0 *. 4+8ʿ.,ʿA1.**08ʿ +41: ,+8ʿ ʿ
,ʿ 19. 06 ʿA1.** 8ʿ&."06.0ʿ .05 +8ʿ.ʿ*12 8ʿ,1 - - 0 - 1 .6ʿ " ʿ4 9*.ʿ5.6 0ʿ 121"08ʿ
3+ ʿ.6ʿ3+ 3+0ʿ01 + - ʿ.+6ʿ " - +"ʿ."60 ʿ."60 . - ʿ - 50""0*8ʿ3+14ʿ *ʿ.+".ʿ 1"0 - *0ʿ0 6
*ʿ9 .6 .ʿ ".9 .2.*6ʿ 6.ʿ 09 8ʿ *90* + - ʿ - 140 .2 - 6+ ʿ * 6 1ʿ 4ʿ *ʿ1,,+"61ʿ - 1/
, 0 00*60ʿ" ,0*6 .ʿ<+:0*+ - ʿ * 1" 61ʿ .:1 0ʿ02 1 + - ʿ.+4.,.ʿ 09 .0ʿ41 - +8ʿ5. 06 2+8
,1*6 *0 ʿ *1*ʿ516+ 6ʿ 04ʿ9 .6 .ʿ1,,+"6.ʿ*1*ʿ,1*60*60ʿ,+ - ʿ<. - ʿUʿ 090 - ʿ 5 + - ʿ51
40 0*6ʿ 06 . - ʿ *ʿ5+2" ,1ʿ ; 40 ʿ ."+6. ʿ 06ʿ 090ʿ5.6 0*60ʿ - - 1ʿ<+20*60ʿ - .9*1
5 1,0 + - ʿ,1 - 6.6+404+, 9.+402. 66ʿ %+ *ʿ.4ʿ01 + - ʿ. 2 6 + - ʿ71*1 08ʿ4 9* 6.608
- .9 " .6+8ʿ5 .0 04+ .0ʿ4 6 2+02.*6+ ʿ3+. + - ʿ 5 ʿ5 - . .8ʿ3+.0ʿ - 0 6 8ʿ.*60.
40202.*6+ ʿ 62ʿ + - 02.*6ʿ ,060 .8ʿ ʿ:0*."0 8ʿ6+ 5ʿ*+*4 *.6 1*0ʿ7.202.*6ʿ.+6ʿ *
4 9* 8ʿ 0 0ʿ". 9 02.*6+ʿʿ 6.ʿ+6ʿ*0 - 1ʿ *ʿ 09*1ʿ +1ʿ - *+8ʿ3+. - ʿ 0/ʿ 5 0ʿ51 "0ʿ<. -
6+ *ʿ: 40 06+ ʿ *60 0.ʿ*+"". ʿ3+.*6+ - : 8ʿ. - 5". ʿ:04 9." .ʿ6. *ʿ5 1 + 1ʿ"+/+ʿ.,ʿ *
50* 8ʿ .6 8ʿ0 .*6ʿ ʿ3+. - : 8ʿ3+16 4 ,ʿ,4 4. ,." .ʿ5 151*0 0*6+ ʿ06ʿ*1: ʿ - .9 6 .6+8
.+6ʿ, 0. 0*6+ʿ.+6ʿ *+ - 0 +8ʿ01 + - ʿ.+90 06+ ʿ 0ʿ3+ 2+8ʿ04 4.ʿ,1*4 6.ʿ,+ - ʿ. .
5" - +8ʿ2 41ʿ5 1 - +"9.60ʿ 0,+ . 06ʿ.+6ʿ +50 2 8ʿ ʿ:142+8ʿ.2ʿ 8ʿ3+ʿ, ,.ʿ 090 -
0 .*6ʿ *,0 02.6+ ʿʿ.+6ʿ.ʿ 090ʿ,1*6 .ʿ 0 .6+ - ʿ , 6.61ʿ,1*6+ - 0" 1+8ʿ:0 2 8ʿ5 +8
.,,056+8ʿ5. 0 0ʿ<+202.6+ ʿ ,+ - ʿ* 7 "1 - *+8ʿ*1*ʿ1260 - 50 . 06ʿ *. - ʿ 4ʿ 0*.6+ʿ<+8
ʿ+6ʿ *ʿ7+<+ - 14ʿ 02+8ʿ 0ʿ*03+0ʿ51 0ʿ*03+0ʿ 4020 0ʿ 0 51*40.6ʿ 0/ʿ90*0 1ʿ06
1,0 1ʿ.+41 2+8ʿ *ʿ 0*.6+ - ʿ:0* 02.6ʿ+6ʿ5 .0 0*60ʿ 5 1ʿ06ʿ * <+ 6 6 .0ʿ3+14:2
,.*6ʿ"04 60 * 1ʿ 040*60ʿ04 4.ʿ5 1 - +"9. 0*6+ ʿ3+14ʿ - +"616 08ʿ .4 6.6+ - ʿ6.*6. -
5 6ʿ *: 4 . - ʿ06ʿ14 + - ʿ.,ʿ51 6 0 - 1ʿ,1*60 - 56+ - ʿ,1*, 6.: 6ʿ+6ʿ .+ 6ʿ1 - * 8ʿ:1,08
: 6. - ʿ,1 - 5 0,.*6 + - ʿ.5"020.4ʿ,1* 504+ - ʿ 09+ - ʿ *ʿ .*, .ʿ 0 - 50ʿ.*60.ʿ+ +
5. ʿ 1" 6.0ʿ 0:+" .ʿ 0* *ʿ" .ʿ 6 5 6+8ʿ5 6 *.ʿ0/ʿ71 - *+ - ʿ.* - 8ʿ20*0:1",*6 .ʿ *
5 1 - - ʿ1 0ʿ0 0ʿ40 0 *6

ʿ 7 ʿ3+ʿ.+6ʿ - .") - ʿ5 .0 0*8ʿ 0* 0 0ʿ.+6ʿ +6+ - ʿ0/7 1 +0 + 6ʿ1 ʿ
4 *08ʿU + 9+*4 .0ʿ +0 +*6ʿ *ʿ3+1ʿR 4 .ʿ*12 " 6.8ʿ" 20 6.6ʿ * +06.ʿ1*0 2+8ʿ *"2ʿ
" 6 8ʿ9 .:. ʿ06ʿ<+:0*08ʿ*+" 8ʿ - 0 6 8ʿ.4ʿ7 *1 08ʿ5 1:07ʿ.09 0ʿ 0 02.6ʿ 6.3+0ʿ,+*6ʿ
,1 - 6 .ʿ71,ʿ.**1ʿ - 0* 0ʿ 1:0 - 2 ʿʿ : 1*0ʿ7.20 0*6+ ʿ" 20""+8ʿ +55"0/ʿ .4ʿ 090 - ʿ
50 , 56+8ʿ0 6ʿ3+ ʿ*1:1 + - ʿ6 2+61 + - ʿ06ʿ:04 9." + - ʿ ʿ.". ʿ - 5 - 8ʿ1*0 .ʿ40ʿ
5 0,.2.*6+ ʿ.*6 3+.ʿ - *+ʿ51 6+". <.*6ʿ.+6ʿ.4ʿ0+ - ʿ - 14+ - ʿ 04+, ʿ3+ʿ +2ʿ +41: ,1ʿ
ʿ + 6ʿ3+0 - 3+0ʿ<+/6.ʿ5 1: *, .,ʿ) 20 6.608ʿ.,ʿ5 : "09 .ʿ +,,0 "2 08ʿ0<+8ʿ*1*ʿ09 0 ʿ
+ 18ʿ 0ʿ<+ 0<+ .*41ʿ.,ʿ 0506 6 8ʿ .05 +8ʿ4 5"1 - .6 8ʿ,1* - .:0 *6ʿ * +50ʿ50602.*6ʿ
+6ʿ.0 . ʿ.ʿ .5 * 8ʿ: *4 ,.*4ʿ - .<1ʿ,+ .ʿ *ʿ51 60 + - ʿ7.20 06+ ʿ.ʿ*1: 8ʿ:04 9." 2+8ʿ
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CIↃIↃLXXVIII. HENRICUS III.

antequam regnum iniret, miniſtrum, tranſlata eſt. Eodemque tempore, cum Franciſcus [a] Garda Sagnius, ſenator Pariſienſis, non minus nobilitate quam doctrina clarus, antiqua in [b] Cadurcis familia ortus, violenti vi morbi deceſſiſſet, ipſe, cum tunc ſacris deſtinatus eſſem, in ejus locum ſuffectus et in ampliſſimum Ordinem cooptatus ſum, cum XXIV annum exceſſiſſem. Hic mihi primus ad honores gradus fuit, quos aut natura mea ſemper defugi aut delatos contempſi; ut qui ab omni ambitu alienus in honeſto otio, quo tamen privatis in Gallia vix frui licet, ac in recta conſcientia ſummum ſemper decus ac praeſidium repoſuerim.

INTERPR. [a] *de la Garde, ſieur de Saigne.* [b] *Quercy.*

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4 418 ' 1 + - ' *+ - 0 1' 3+. 6+8' " 8 ' .7. - 06 8' 5 +8' ,1* 12 *+8' 06' 90*0 ' 0/' J.B
6 - .' 0X+8' " .' 4+18' " 18' + 005 6 ' 3+ ' +6 3+0' 0.*40 - ' 4 9* 6.60 - ' 1 4 *0' 60*+0 +*6 '
? 2' 01' , "" .' *' 0.' 04.' 04. ' 6.' +6' %+ , ' 3+ ' 714 0' +*6 ' 0 + 64 - .*18 ' 3+. 6'
4 ,.8' 1 67141/18 ' .550""0*6 ' $0 .8' 06' . - "+671(<' 3+. - 4 +' 01 + - ' *' 09;5614+ '
.: 6' - 50 + - ' 0 - 50 ' 5 1' 7.0 ,6 , 8' 7.2+, *6' *40' .' 06' 0/' 14 8' 20"".' * 0 6 '
" - .' *60 ' ,18' *.6.' /' 51 606 8' " 8' 22. 4., ' 71,' 0 6' &';' 22." 8' 06' 2+20,70 8

' Q ' ' ' ' :' & '
' % $ ' #9 ' 2 ' I'# ' ' D 6;' ; 2 ' ' d$' , * ' 1+' ^ ' ' -
2 ')' ' 3 '
' ' ' K' 2='4' "'>"3' ! 1 ",<+! ; <' 5
$ ' "4 #)
2,- " !)' -1 8' "4.0' *ZZ' ,H#,' ,<Z ' , ' ' F
$ ^' 0/1 Z8

ˁ ˁ ˁ #ˁ . ˁ _]

X+ˁ .7 .* ,6 8ˁ 1,0 ˁ 06ˁ +, ,0 "2 ˁ - 6 ˁ . - " .ˁ +7. - - 04ˁ 5 190* 6+8 ˁ ? .94.6" *ˁ ; &
(0"0+, .0ˁ .2;"1* ˁ : , * .0ˁ + * 8ˁ +.4.6.ˁ + 20ˁ 040 - ˁ / 6 ˁ 0<+ 3+0ˁ +, ,0 1 + - ˁ (
414 * . - ˁ . - 5"04+*6+ ˁ 714 0ˁ %+ 4 ˁ 2ˁ " ˁ 5 1 0ˁ 24.".ˁ 90*+8ˁ 4+,0*8 ˁ , , .
.**+ - ˁ - ˁ .ˁ - 9 .6 1*0ˁ 04+41 8ˁ .7+ - 06 8 ˁ 3H (0 - 0" .ˁ + 2, ˁ +6ˁ %; ˁ .
,7 ,5 ,15+8ˁ 5 14 4 6ˁ " 2 1ˁ / / ˁ ,9 0 8ˁ *ˁ , . - ˁ 6 .* : 6 ˁ 06 ˁ 1, ,+5.6 8ˁ "" 8ˁ 0
9 1* 2+8 ˁ :1, .: 6ˁ 0ˁ 0704 + - ˁ 3+. ˁ ,1 - 5". * .61 0 - ˁ 4 , .8 ˁ 3+ ˁ +* :, .ˁ .4ˁ 3+ 060 -
,1 - 51*0 06 ˁ 06ˁ : .8 6*0ˁ 1 J0*4 ,+ 1ˁ 0,0 06ˁ 515+"1ˁ 5".* 1 ,8 ˁ 0ˁ 06 . - ˁ ,". %0ˁ *
6 + 6.ˁ (, " . - ˁ 1, ,+5. : 6 ˁ 06ˁ 3+ . 4 ˁ U - . 1 8ˁ E .0, .0ˁ *ˁ 6." .ˁ 09 1*,8ˁ 40515+ ˁ L
".6+8ˁ 0 6 ˁ .+ +8ˁ ,ˁ ,7." . - ˁ *1 - * .60 ˁ *1*ˁ 6.*3+. - ˁ .7+ - 06 8 ˁ 3+0 - ˁ 0/0, .2.6+
04ˁ :0"+6 ˁ " 8ˁ , / - ˁ "" +8ˁ .9ˁ 5 .0,0""0*6 8ˁ : .6 8ˁ +, ,0 "2 0 - ˁ +<+8ˁ 40ˁ .*9+ *0ˁ $
5 1, 0.6+ - ˁ 9"1 .2.6+ ˁ +<+8ˁ *0518 " 2+67. - *+8 ˁ +2<+9.6.ˁ 09;561ˁ 50 ˁ UA1. 0 -
- " 6 .0ˁ +.05 *450 - ˁ ", . +*@ˁ <+/6.ˁ ˁ 0 - 57 - ˁ *ˁ ."60 .ˁ " ˁ 5.ˁ ,1*4 4 6ˁ 3+.0
,7." .0ˁ ."60 +8ˁ 1 0*6." 8 ˁ 3+ ˁ .94.4ˁ 040 - ˁ 7.202.6 ˁ .0 - +" ˁ 0408ˁ 06ˁ .+".ˁ 40 *,058
+ 6 ˁ ˁ ,7." .0ˁ +2ˁ 0ˁ : , . 18ˁ 7.202.*6 ˁ 3+18ˁ 1"4.*18ˁ :1, .2.*6 ˁ 5 *, 5.6+ - ˁ .
00 416 1ˁ .**0/+ - ˁ 06 *0*608<ˁ 40ˁ ,060 1 ˁ ,+ - ˁ 0ˁ .6 8ˁ 0" 9 1* 8ˁ :0*0 .6 1*0ˁ 63618
,/ 6 - . 0*6 ˁ *60 ˁ 10 - * . + - ˁ 9 0908ˁ 16 1ˁ 06ˁ "+/+ˁ - . 09*608 ˁ 0 9*.6.ˁ *ˁ - .*+8ˁ 1"
4.*1 + - ˁ 1 - * ˁ , : " ˁ 06ˁ - " 6.6 ˁ 5160*6 .ˁ (04 ˁ +6ˁ 0 6ˁ "+/.ˁ *ˁ 6.*6.ˁ 5160*6 .ˁ 408 ˁ (.
".4 *+8 ˁ (. ,1* ˁ +"6 - ˁ 2"4.* ˁ 0/ˁ 090 - 04 *1ˁ .6 0ˁ *,518 ˁ ,+ - ˁ 5 - 8ˁ - .9 6 .6+8
.+ 5 , 8ˁ .4ˁ ,7." . - ˁ 41 - *+ - ˁ ++ - ˁ .4 06;ˁ +6ˁ "" ˁ 1" 6. - ˁ 0/7 20 06ˁ 0:0 0*6 . -
,".:.ˁ 3+. - ˁ - .* 2+8ˁ 90 6.2.6 ˁ 0+ *ˁ 561 6 .: "%0ˁ 4 , 6+ ˁ - +"6 ˁ 3+0ˁ :+"*0 2+8ˁ +*.
,+ - ˁ 0<+8ˁ - +"6 5" , ˁ 121"0ˁ ,1* 1 "+ - ˁ 1, , 4 "0ˁ .**1ˁ 7 6 ˁ ˁ 0ˁ * 8
,7." . + - ˁ *ˁ 09;561ˁ + 6 ˁ 06ˁ iˁ 5.+ 1ˁ - *+8ˁ .** 8ˁ 51 6ˁ 07." .ˁ .94.6 *+8ˁ %.6. 8
7 9 +0*6 2+8ˁ 0/6 *4+8ˁ 0 6 ˁ . - 0ˁ *60 ˁ *90*60 8ˁ 118ˁ 670".+6 8ˁ 0*04+8 ˁ 3+.0ˁ 5 14
9 1 .0ˁ "" +8ˁ .:. 4.0ˁ 510*.ˁ + 6 ˁ 7. 8ˁ +2".6 8 ˁ 414 *.ˁ 6. - 0*ˁ 01 . - ˁ 1 ˁ ,
3+.,08ˁ 7.2+ 6 ˁ $0 .0ˁ .,ˁ . - "+,7 ˁ 414 * . - ˁ 4 8ˁ ,6 *+0 +*6 ˁ ." . - ˁ 1 - *0 - ˁ 0/0
, .*608 ˁ .401ˁ +6ˁ *ˁ 5 0, 2+8ˁ + 8ˁ + + 50*6 ˁ * ˁ " & & ˁ + ˁ
5 8ˁ ! ˁ ˁ .7+ - 060 - ˁ 1 4 *0ˁ ,7." .0ˁ .*60ˁ " - ˁ +0 .*6@ ˁ ; ˁ
' ˁ ˁ .ˁ ˁ ˁ ˁ & ˁ ˁ 6ˁ 714 0ˁ .5+4ˁ $06 .8
." 8ˁ 05+",7 + - ˁ + - - .ˁ *ˁ :0*0 .6 1*0ˁ 0 6 ˁ 8 . .0ˁ 4+1 + - ˁ - "" . + - ˁ 6 *0 0.
.94.61ˁ 4 6.*6,ˁ 155 41 ˁ 06ˁ .4ˁ "664ˁ :0*46.*608ˁ 0908ˁ .*43+.ˁ ,0 0 - 1* .ˁ *.+9+ .*
6+ ˁ .,ˁ 9".4 1ˁ , *9+*6+ ˁ C0 - .0 6, - ˁ 09*. ˁ ,$, . - ˁ 714 0ˁ :1, .*6 ˁ *:. 6ˁ 0.
"+08 ˁ %.6. 8ˁ *ˁ 0. *ˁ 0ˁ 0 J+*40*42+8ˁ < 06ˁ 4+.0ˁ . - " . - - ˁ 0ˁ 7 1",7 40ˁ +5 .ˁ ?% .
50C+*60 - ˁ 1 6. + - ˁ 3+.0ˁ 0 + - ˁ *ˁ 8ˁ 5166.0ˁ *6 ˁ .4 1 08ˁ 0/6 60 +*6 ˁ ˁ .+ 15 1
:.6+ - ˁ 06ˁ ˁ 5 15 1:.6+ - ˁ ,ˁ 0* - .1* ,+8ˁ 7."ˁ ,1*4;"08ˁ 0.8ˁ .550"".6 ˁ 5 ˁ ,1 1* ˁ
20918ˁ 06ˁ . . ,1 1*20918ˁ 4 ,+*6 ˁ ,+6 ˁ .5+4ˁ *9"18ˁ 1< .0ˁ ."2.0ˁ 06ˁ 1 .0ˁ +2 . ,
.4 1*08ˁ 0 .*6 ˁ 3+.0ˁ +6ˁ "".0ˁ *ˁ 0* ,1ˁ : ˁ 6.*40 - ˁ ,1* + .0 ˁ ,ˁ 06ˁ *D (, . ,71
- . "0ˁ (157 *1ˁ . - 2.0ˁ ,1 0 +*6ˁ . - ˁ #) +*,7. .*08ˁ .4ˁ ,1 1*20918ˁ 90*+8ˁ 0
0 06.6 ˁ +651,0ˁ D%. ,7 04* .4.0ˁ " A8ˁ %. ,7 ,6 * .4,8ˁ . .60 - ˁ ˁ %. ,7 06 * 209 ˁ :0
"0/.*4 ˁ +6ˁ 0+ - ˁ :1, .6ˁ . * ,+(@ - 7 8ˁ + 6ˁ < 3+ ˁ "0/.*40 ˁ %.6. 1ˁ 5.6 ˁ ".60ˁ +5 .
% .50C+*60 - ˁ 41 - ˁ * .*4 ˁ 06ˁ 06 * ˁ 5.6 +1ˁ .0ˁ +50 1 8ˁ - 50 .61 ˁ +,00 " 6 ˁ (04
,+ - ˁ "0/.*4 0ˁ +/1 8ˁ * 4 8ˁ +2".61 ˁ 0<+8ˁ " +8ˁ 09*1ˁ 5+" +8ˁ 0 "06;ˁ %0 - + 8 ˁ 3+0 -
:+"91ˁ %.66 0 ".*, - ˁ :1, .*6 ˁ , . 6 .ˁ 0,+6+8 ˁ .2ˁ 01ˁ 09* 8ˁ 0 6 - 6+8ˁ 0 6ˁ 6ˁ +. " .2
- 0* . ,ˁ 09 2+8ˁ 1 9 *0 - ˁ 050602.6ˁ 8ˁ .:+ - ˁ 7.2+ 6ˁ %,C+ 0 60* ˁ .ˁ * 9 . - -
1: + - 0 - 6 .ˁ 90*+8ˁ 4+,0*60 . ˁ 3+.0 ˁ +6ˁ %+ , , ˁ .**."08ˁ 6 .4++*6 ˁ - 50 1ˁ 40<04.ˁ + 6
- .* 8ˁ . .4" - - 51 0ˁ : + - ˁ .*4 - 1* .ˁ : 6.0ˁ *60 ˁ # * 9*0 - ˁ 6.*6.3+0ˁ ,0"0
2 6.60*1 * * 8ˁ 0 .C . . ˁ +6ˁ 1 - *08ˁ + " ˁ 5 1,0 0 3+,ˁ %+ ,1*+*ˁ 0" 9 1*0ˁ 3+.4. -
6.4

ˁ 9ˁ & ˁ ˁ ˁ ˁ #ˁ 06 " $ ˁ $ ˁ - #/ " $ ˁ ˁ ˁ #$ ˁ +
, ˁ ? # ˁ ˁ ˁ ˁ ˁ ˁ ˁ .ˁ #+ ' ˁ & ˁ + ' ˁ D D :
ˁ _ .' ˁ ˁ .' : 7 ˁ U 0 ˁ # #
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_ ˁ ˁ)= ˁ))

& ˁ6.4 ˁ41* 8ˁ 0+ - ˁ ,1R 0*6ˁ $. ˁ 0 9.ˁ 0 "* ˁ 5 06.6Ȯ 06ˁ 12 0 :.*6 .ˁ 5 ˁ - .* 4.,ˁ
A ,+8ˁ ˁ +602.*6+ ˁ3+14ˁ .ˁ4,E0%1 2+8ˁ + 8ˁ .4 6.6+ - ˁ ,+ - ˁ +7. - 0608ˁ ˁ .,0 0ˁ40 6 6 06ˁ
0/ˁ 01ˁ *60 ˁ 5 + - ˁ 06ˁ) +*,7. ".6 , - ˁ20""+ - ˁ0/. 6ˁ 3+14ˁ, +0*6 - 1ˁ5 10" 1ˁ6.* ˁ
40 - ˁ4 0* 6+ - ˁ0 6ˁ *ˁ 3+1ˁ ,+ - ˁ + - - 1ˁ4 , - *0ˁ:0 . 06+) +*,7. .*08ˁ :16+* ˁ
,1*,05 6ˁ 3+1ˁ .*40ˁ51"" , 6+8ˁ0 6ˁ 6ˁ 0ˁ50 ,+"1ˁ ""1ˁ0/5" ,+ "06ˁ . 67 +*ˁ *1 - *0ˁ0/ˁ
.67. *.ˁ 1 - *0*.ˁ.% .50C+*6 *.0ˁ40 510*.0ˁ " .ˁ + ,056. - ˁ2ˁ 7. 4 ˁ%0C+*0 6 8ˁ
" 1ˁ *ˁ+/1 0 - ˁ4.6+ + - ˁ 3+14ˁ *,1"+ - 8ˁ ,+ - ˁ .4ˁ +18ˁ 04 06ˁ +6ˁ 0ˁ:16ˁ 0" 9 1*0ˁ
0/ 1":0 06ˁ 0.5 0ˁ 5 .0 6 6 6ˁ 06ˁ 6.ˁ .4+ - ˁ+6ˁ .+ 15 1:.6+ - ˁ06ˁ 5 15 1:.6+ - . ˁ
- " .0ˁ0/6 *4 8ˁ "". + - ˁ .4 1* 2+8ˁ ,1* + .0ˁ 6*6ˁ . - ˁ0/ˁ01ˁ - .6 - 1* 5ˁ*.6+8ˁ0 6ˁ
*. "ˁ5 - +8ˁ ,/ˁ 8ˁ 3+18ˁ (157 *18ˁ 3+. ˁ5+ .0ˁ 0 9 1* 8ˁ 71 - *08ˁ :1,.*6ˁ 3+ˁ
U - C.0ˁ) +*,7. "R* 8ˁ 0/ˁ3+1ˁ " 1ˁ *,0 6+ - ˁ *0516ˁ.,ˁ,1* 22 *1ˁ +1ˁ +,,0 "6ˁ06ˁ
." 8ˁ 414 *. - ˁ*1*ˁ 1"+ - ˁ 0*1:.: 6ˁ 04ˁ 06ˁ *1: 8ˁ +50 6 6 1* 2+8ˁ ,+ - +".: 6ˁ 8ˁ
- 50 + - ˁ$0 ,+ - ˁ51 6ˁ - 1 60 - ˁ) ˁ+*,7."%.* 8ˁ3+. - : 8ˁ*+ - 0 1 .ˁ 121"0ˁ +2* /+ - ˁ
- - .* 6.60ˁ6. - 0*ˁ A.,+5 8ˁ .,ˁ50 4 .ˁ - 0 0ˁ".,0 .6+ - ˁ *1*ˁ 1"+ - ˁ * 6.+ .: 6ˁ 04ˁ
06ˁ .9*.ˁ.,,0 1*0ˁ "1,+5"06.: 6ˁ .4ˁ .*6 3+.8ˁ4 6 1*08ˁ .4<+*4.ˁ - 0* .ˁ "; .ˁ
0 1516. - .ˁ.,ˁ .2;"1* .ˁ06ˁ5 *, 5 2+8ˁ "" 8ˁ3+ˁ.4ˁ ˁ - . ,ˁ . 5 + - ˁ50 6 *9+*6ˁ *ˁ
0 1",7 40ˁ 20 .ˁ 06ˁ "2.* .ˁ *ˁ 1 4 *0 - ˁ ,1.4 8ˁ 06ˁ1 6+ - ˁ:0 +8ˁ.,ˁ - 0 4 0 - ˁ.4ˁ
ˁ - 0* . - ˁ+ 3+0ˁ5 1".6 8ˁ * 2+8ˁ 40ˁ 3+1ˁ,+ - ˁ - +"6.ˁ+6ˁ06ˁ 40ˁ) +*,7. .*0ˁ$.+"+8ˁ
A1: +8ˁ , 5 0 6ˁ01ˁ - 7ˁ5.+, 1 .ˁR ˁ5 .0 0*6 .ˁ4 ,0*4.ˁ 1*6ˁ - . " 8ˁ - 50 + - ˁ0/ ˁ
,05 6ˁ .**1ˁ7+<+8ˁ .0,+"ˁ //: ˁ (,,7+8ˁ%0, - . 08ˁ " +8ˁ 40ˁ3+1ˁ ." 3+16 08ˁ"1,+6ˁ "+ ˁ
- +8<ˁ 3+ˁ - .9* 8ˁ 4. - * 8ˁ .ˁ (1" - .*1ˁ. 04+8ˁ06ˁ ,+*4 8ˁ "" 8ˁ 5 1: *, 8ˁ 3+.8ˁ5.60 ˁ
- 50 1ˁ .4<+*/0 .6ˁ 51" .6+8ˁ.,8%.+ 1ˁ 5 1ˁ *ˁ3+1ˁ - . "ˁ 09 . - ˁ /0 .6ˁ3+14ˁ
6. - 0*ˁ 51 60.ˁ 0,05 6ˁ: /ˁ6.*40 - ˁ5.,0ˁ .ˁ%+ 48ˁ :0"ˁ * 3+ " - 8ˁ ,1*4 6 1* 2+8ˁ 0 ˁ
40 - 56.ˁ06ˁ.*60ˁ2 0** + - ˁ71,ˁ0 6ˁ .**1ˁ7+<+8ˁ .0,+"ˁ - .ˁ - ˁ 4ˁ . .8ˁ - 1 6." ˁ
6.60 - 0/5"0: 6ˁ 3+. - : 8ˁ." ˁ.**1ˁ +50 1 0ˁ , 2.*6ˁ ˁ
ˁ , # ˁ - 50 + - ˁ$0 ,+ - ˁ71,ˁ0 6ˁ3+1ˁ60 - 51 0ˁ20""+ - ˁ,19 6+ - ˁ0 6ˁ .ˁ"05 ˁ
60*6 1*0ˁ - . ˁ . 5 1ˁ 06ˁ 0*9 0"" .ˁ 09 1*0ˁ 60 - *.6+ ˁ 4ˁ 1,, 40*60 - ˁ 7.20,ˁ
ˁ . . .ˁ 06ˁ ? 7 0"40 *18ˁ - 1*608ˁ *40ˁ 06 .4.ˁ *6+8ˁ .,ˁ +5 .ˁ0 . 9 .*. - ˁ5. ˁ
"+40 - ˁ4+4.ˁ" *0. ˁ 3+.0ˁ5."+8ˁ714 0ˁ 4. - . ˁ".,+8ˁ4 , 6+ ˁ06ˁ *ˁ 3+.ˁ ˁ&.*+ - ˁ, : 6.8ˁ
0 6ˁ$0 ,1ˁ - 50 1ˁ .ˁ%+ 48ˁ0 056. ## 1 0ˁ 40 *ˁV (.". - . ˁ.,ˁ51 6 0 - 11ˁ(0 0 +" + - ˁ
.4ˁ 40/6 . - ˁ - 0 4 0 - ˁ:0 +8ˁ *,040*6ˁ1,,+ 6ˁ 6+ *ˁ .4ˁ ?? +57 .6.0ˁ+ 3+0ˁ *ˁ - . 0ˁ
$0 ,+ - ˁ<+/6.ˁ %0 041*. - ˁ714 0ˁ 0 . . - ˁ 0ˁ0/1*0 .*6 8ˁ .+,08ˁ0/60*4 6+ ˁ ˁ
*0 4 0ˁ$0 ,1ˁ 5 1ˁ - . ˁ+ 3+0ˁ .4ˁ6ˁ%0,7 ".4.*18ˁ - 1*608ˁ,".+4 6+ ˁ *,ˁ2 .*.* ˁ
06ˁ6ˁ(.*4.7. ˁ 09*+ - :0ˁ$. 15.* .4.8ˁ .2ˁ1 6+ˁ ,1 - 5"04 6+ ˁ06ˁ 0 "0/1ˁ 0560*6 1 ˁ
*0 .ˁ:0 +8ˁ 6 *0 0ˁ 1 . .*+ - ˁ06ˁ (. - . ,.6. - %.6. 1 + - " - 60 - ˁ *ˁ (194 .*.ˁ
.66 *9 6ˁ *ˁ01ˁ. - 2 6+ˁ 20 .ˁ - 0* .ˁ06ˁ? ; .0ˁ5. 8ˁ .2ˁ1,,. +ˁ .ˁ 0560*6 1*0
6 15.6 .ˁ ˁ 04 .ˁ - .9*. ˁ *ˁ3+.ˁ%.+ + - ˁ0 6ˁ .2ˁ1 - ˁ.. ; ,.* .ˁ .*.ˁ06ˁ $. ˁ
15.* .4.0ˁ ,1 - 5 070*4+*6+ ˁ ˁ 6+ *ˁ *ˁ - 04 ˁ *6ˁ $. 67 .ˁ . . - .* .ˁ 40 0 6. ˁ
02$0 8ˁ ,+<+8ˁ 714 0ˁ (.8ˁ - 06 151" 8ˁ0 6ˁ3+.0ˁ .4ˁ - 0 4 0 *ˁ50 6 *06ˁ %. "8ˁ6.*6 ˁ
3+0ˁ - 50 ˁ616ˁ5 1: *, 8ˁ .ˁ%+ 48ˁ40,+ 6.6ˁ ˁ .6 .5 .0ˁ 0 .*6ˁ ,+ - ˁ ˁ%0, - . 08ˁ
.6 8ˁ,1*,0" 6ˁ 0/ˁ3+ 2+8ˁ + +8ˁ - + - ˁ *1*ˁ. - 5" +8ˁ3+. - ˁ /*ˁ, 1ˁ03+ 6+ - ˁ ,1"" 9 ˁ<
0/ 9++ - ˁ*+ - 0 + - ˁ ˁ .4ˁ 6.*6.0ˁ .* 5" 6+4 * 8ˁ - 50 + - ˁ 50 6066+ ˁ (04ˁ *ˁ ,.+".ˁ0 6ˁ
3+14ˁ5"0 3+0ˁ *ˁ ""1ˁ - 50 1ˁ 09+"ˁ +*6ˁ3+ˁ - " 6 . - ˁ5 *, 5 8.+4.40 ˁ406 04.*6ˁ<
06ˁ *12 " 6.8ˁ *ˁ01ˁ5160*8ˁ0 6ˁ "0,+8ˁ3+. - ˁ *ˁ%+ , ,1ˁ - 50 1ˁ 3+.0ˁ51" 0"" 1*,8ˁ *1*ˁ
5 0,. .8ˁ 04" 0 04 6. .8ˁ7.206ˁ06ˁ + - 56+1 0ˁ7.2 6.6ˁ013+0ˁ - *+8ˁ4 41ˁ.+4 0*8ˁ0 6
!

% $ ˁV ˁ ˁ # ˁ B ˁ ˁ- # % ˁ ˁ ˁ ˁ ˁ% ..' ˁ ˁ
D 0ˁ / #+ $ˁ ˁ+ ˁ G ' ˁ ˁ U% ˁ1+ˁ% ˁ # $ˁ (ˁ >
ˁB ˁ ˁ 0 ˁ ' ˁ 1+ˁ4 D ˁ V ˁ +(. ˁ 0 ,.61ˁ "GG3(X
' $ˁ 0+*,".: +8ˁR *.41ˁ "GG3((3#) 0 0ˁ 3 ˁ D+ 6 ˁ : $$ˁ
0 ˁ > GA> 2/ˁ $:

))( ) ' ' . Tpb

. 0,'.4'H*.',+-'6.*6.'1204 0*4.',1*:0*6' 0/', ,.'0'? + 41 +-': ' '7.206' & " '
&'*12 "6.60' 0 0' 2'4+, 2+8'4 :0 8' '3+ 2+8'1-* 2+8'+7+8'0/' 5+ 5+ .6 8'5 .00 6' ' # ' '
(+*6' 06'." '.4': ' ' * 0 2 8'1 4 * (' ' .7."' &+"91' 4 6 '3+ 2+8' 06' 5+ 5+ .6+('
."60 '5 .051* 6+ ' -*0' 12+ '03+ 6.6+',1* 6.6' 4-'03+'.5+4' 018' 5 .0 6.*6 """- '
:0"1,08 *',+ +' 279' 5 6+8',+"6+ .' ., "08' *60 '5 9*.*4+-'., 08' 41-' - '
6 "" - ' 4013+0' *60 '018' *90*6 8'5 06 '3+ 550',+-'5"0 3+0' '06' ' ' 0,7 * 8'
06'. - 5" +8':0*0.*6' $04 6.6+' 0 0' *+""4'+6+*6+ '' 3+' *' + 2 2+8' .+6'6+0*4 8'.+6'0/ '
'5+9*.*4 8':."06' .-' * -.' *60 '018'"1,. '6.*6+-3+0',1- - "% 8'5 10" 8'" - 60*'
06'5 1: *, .8'6+0 '*1*'5 .0 4 8'+ 208' 40 0*40 0'*2:0 +*6' 6.3+0'*0,'61 -0*6.'
*') .'7.20*6'3+.-: 8'*0,'. 8',1*".*4 8'*0,'-.60 .'40 6' 3+0 *'5 .:+-' -1 0 .'
3+.-: 8'616' 4.-* 8'.'%+ , ,1'504 60'. 0 6' 06' 0 1 8' +',1- -1*0 .4 '616 08' 50 '
,+"1'5 15 1'5, 6*., " -0'.47+,' 0 :.*6' 06'*0 , 1'3+.':.* 6.60' 40 0*4.*6' *0' .+6'
: 6+60 -' -.<1 0-' *' 71 60' .+6' 4 , 5)*.-' -0" 1 0-'.9*1 ,0 0': 40.*6+ ' *90* .'
01 +-'"0: .' +241".'06' .4'1-*0 8' 6+ 2. +-'1,. 1*08' *60*6.' 02 .,' *60 '01('
,1*6 .'5 *, 508' +18',1*<+ .6 1*08'< *0,' *' 09 .' .- ".' *60' .6 08' .+6' " 8',+*6'
5.6 2+8' 5 06.6 8' 1 ,".',1* 6.*6' +-'.'20""1':.,.6 1'0 6'4 , 5" * 8'4.*6' 250 . .'
,6'57 "1"257 .0'-04 , *.0'.,'-.670-.6 ,.--'. 6+- 6+4 8'12"04.*6+ '' "+"61 '+* B
3+0'E .0,1 +-' , 56.'3+.0' *60 , 40 +*6'.5+4' 018' *' $0 ,.-'"*9+.-'6 .*".6.'
050 '50 7 20*6+ ?' %16 +8' 09*' :04 9." .'%0, - . 8' 60 - 51 0' .4' 3+.4 .9 08' 0+'
3+ *3+.9 08' ,0*6,*.' - "" .'.+ 01 .-',/0 0:0 +*6' 04'51 6'616,".40 8'.,,056.8'616'
.- ""8'5 1: *, 8'06'5"0 3+,' 09+" 8'20*0 , . 8'50*" 1*08' 1":0 0' 0,+ .*6 2+8': /'
: , 08',0*60*.' '.+ 01 +-'3+16.** 8' *'.0 . +-'U . - *'714 0' * , +*6+ ''3+.0'
0 0' + - 56 2+8' *0,0 %. 8' .+6' .03+.*6.' . 6' +50 .*6+ ' +6' 08' 01' *' 09*1' *'. 41'
, %0*0,0 "0' 6

?!' . '.+60 -' -1 0*8'5"+ 0 8'" 20 18' 0" 3+ 6< 06'5 .060 '$0 .- 1*'
! *.-' 5 -190* 6.-': " 8'.* -' 10- *.-' ' " 188' 3+1 +-'60 6 +8' 1 4 *0'
8 7. 40' 08'*1- *0'5.6 ' ,,0 "6'.4' 5.+,284 ,8' +50 608' +-'.06.60' 5 .0'
,0402.6' .7.-0608' 14.20*4.'06' 6*."' (04',) -'5. 0*8' .7.-06 8'+6 0" 9 1 .0'
: 6.0'.44 4 '*03+0'6. *'40'6+0*4.'-.<0 6.60' 09 .'3+.-'5.'0 .6' 2" , 6 '50 6.0 +8' '
5 . "0-' +,,0 1 0-*1- *.: "06'.'5+ 5+ .6 8' -1/' -."' ' .7.,.'3+1' 12' .* - '
0 1, 6.60-'06' * 6 6.8' 0/,+ 1*08' *' 71 6 ,+-' '01' 0 ' 1" 6.8' 0"09.6+8' +0 .6 '
2.+4'"1*9,'.' . - *1' :0' ., .'0:1,.6+ '+6'<+/6.'5.6 8' 60 6.-0*6+-' 09*+-' * '
,6' +-:0* 06' 7. 40 $0 .0' 1 1 8' *.-'0/'I'(.7.-." 8' E01 9 .*'? 1 1 0'
+60 3+0' *.6+8' 0 .6' +6' 2': 402.6+ '5160*6 .' 06+8'3+ 4' . 0 06' 9*. +8' * 9* .'
09 .' + - 6' 06'<.-' 61" 4.' . 4., .' 1" 1' * 40*8' 090-'.90 0 01050 .6',+- ' 0 1'
,6 1 ,'.9* 61'.' 1 1 0' .+4+"0*60',1** :0*60' 0'40"+ +-' 0* 6'12 0 "2'<.-'.'5 .0'
61 .* 8' * 0 6 8'5.".6 2' 6.3+0'3+.*6.' 0'60 - 0 6.60' 06' .+4., .' 504.*4+-' 090-'
5 .02+0 .6'6.*6.' 9*.: .' .602 .8' *60' 10- *. +-'9 0908' 3+.0 : 6' '+2'(.-.70"
5 +8'.:+*,+"+8'3+' *. "0-'+"61 0-'-,6+02.6 0+-'405 070* +-',+-',1*<+ .6 '
3+1 +-'=.",.*+8' 5 *,058', .6' *60 0.'.* -18' +-5 0*6' *0' ,+*4.6 1*0' *60 '
, 6' 06',.5+6' .',0 : ,0' d0, +-' *60 '6+ 2.-' +1 +-'+6', .6'.47+,', +0*6+-' .2'
<0, 6'' .63+0R.'6+ - +"6+ -'<.-'5.".6 +-' +-50*4+-' 04.: 6' A+ 6 8' %0, - . ' 6+'
90*6 8'50 1"+6 8':0* 6' *' + 20-' -."' 06' 09*+-'.'5. , 4 1': ' .6 + 7' .+ 5"'
, .6+8' 0 6' .- ". '%+ 48' 04' *.+4 61'7.40*+8' *'0.'.+".' ,0"0 0' *0,'01',1*60*6+8'
,+-' +"6 1*, -'-06+0606'.4 *0 8',19*.608' .- ,18',6' .+61 08' 1,, 1 +-',1*6 *+1'
50 ' + 20-',1*3+ 4' 06' 5 14+418' 5. ' - - .* 6.60' 6 +, 44 '<+" 6' ' 6.'+6'5 - . .,'
41 - +8'.,' .- " .,', +1 0' 5. 6 -' 104.6.0'"+4+' *'5 .0 0*8'040 '6 6' *' 51 60 +-'
,19 6.6 1*0'4 , +, . ,*6+6' '06'<+4 , +-'5.60 *+-'.,'*1- * 8'.: 6' .&1 +*40 .+ 6.'
1 - * .

'5 / ' $ ' ! 7 && & N' ! ' .41' 0' *1 - -0 > ' (& ' /,$ / " '4 / U / /' '@ 26 / ! &&

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& '1-*. 515+*'. * 1'5 .0,050 .*6' 6.6 7' *'14 +-' #' 40 50 .6 1*0-' :0 60 6' 4'
' # ' ' 6. - 0*' +6' ,1* "1' *1*' 0 *.0' *.6+ .0' * 6 * 6+' .6 + -' 5 12. 06' 6*. "' ., ' 0' 0/'
0 - 5"1' 6+0 06+ ' 6.6 - ' 0' ." 0*+ - '.' (157 *1 + - ' 0" 9 1*0' 5 1 0 %+8' 0 6' 06' ., .'% - '
, , .' . - 5"04 ' :1"+ 6' " 8' 0 6. - ' 4060 6.6+8 ' 06' +6' .21 - *.2 "0 - ' 06' .4' 71 - *08' *'
06 1 0 - ' 5 .0, 5 6.*418' *:0*6. - '0/0, .6+8' 4'. 6+' .2' 01' .4+ - ' 3+ 4. - ' 5+6.:0 0'
+6' 0 1516. - .0' .2;"1* .0' 06' 6; .0' 515+"18' .2' ""8' 454 *.' ." 0*18' 0. . '
6 1*0' 2' ,1*, " . 06#' (04' 7:0' 12' " . - ' .6 1*0 - ' :0' +6' 5. 44 .' 0/0 - 5"1' 0/,+'
. 06' 0" 9 1*0 - ' - +6. 0' :1"+0 6' *+"" .' 0' - .9 8' +1 + - ' .* - 18' ." 0*. : 6' 5. : '
, .040 8' +1 + - ' 5 .0' 01' .0 6 - .*6 + +' 4 + - ' *,0*4 6' 3+14 ' 0+ - ' . - * ' ,7." .?'
6.' 5 - . ' *60 ' 018' ., 0 41608' *1 - *.*6+ ' .*6 3++ - ' 5 - 1 + - ' 50 6 0 .0' 04.,'
+*4.61 + - ' *1 - 0*' 06 *0*608' 3+ 2+8' 4+ 6.044 *+8' :0"+6' 1576 8' *60 ' %+ ,18'
3+. ' "09 8' 5 7, 50 - ' 4 ,.8' 5 .00 6' 5 - +8' - . " 8'' ,1*.6 2+8' 0 60 0' .+ +8' 0 06'
09 8' <+ + - 1/' 1,+" 8' 1 2.6+8' 0 6' 5. .' . - . ' 3+. ' 5"0' .94.6+ - ' - .9*.' 51 - 5.'
5 1 04+ +8' 0 06' +6' *' 0.' + 20' ,+6' 1" - ' (1" - .*+8' %+ ,1 + - ' - 50 .61 ' .7+'
- 06.* ' - 50 ' * 9*.' ,.50 06' %1 6' ,.04 2+8' 0 0 .6+8' ,+ - ' 0/.9 6.6.' 4 8' ,1 - '
, 0*6 . ' *1:.0' + 5 , 1*08' .* - 1' *' 4 08' 2:0 . 0*6+ ' 06' 3+ ' .' - +"6 8' 6 - 02.6+ <'
* +"618' 06 . - ' - 06+0 06' .6 1*0 - ' ,1 - - 0*6+8' 0 6' ,+' 7.+4' .2 - "0 - ' +5 .' *' '
, .*.' 7 61 .' 4,U . 0 - - .' 24.".0' 2 1 0.4' .**+*.' +: ' 06+" - +8' 3+.' . - ,18'
.2' * - , 8' 51 06' 4 6 *9+0 ,' - +"3+0' 40' 8' 3+ 2+8' .+41 2+8' .,' 40".65 2+8' %0, '
- . 08' 5.60 ' 0+ - ' 3+. ' ,. ,0 ' - .*, <5.6+ - ' .2' .+". 0"09.:0 .6' 510*.8' + - 0 0' '
, 06+ - ' "1, < - ' 506 6' 06' 0* ". 1 + - ' 150 .' - 1 60 - ' +. - ' 5+2" ,. ' ,+ .6' ,+<+8' . - .'
5. .' :+"6+8' 5 1,0 + - ' *16. ' 06' 5 1+6' 3+ 3+0' .+6' "+4+' .+6' ".06 6 .'. ,0 06+ ' 4 " '
90*60 ' .2' 40 - ' 12 0 :. ' - 50 .6' 1,' * - , 8' 0 - 06 *4 , 15 140*6 2+8' "".6+ - '
.2' "*. "0' +55" , + - ' + 6' 5 0' 06 . - ' - 1/' 20""1' +*0 6 " - 1' 3+14' 51 60.' 90 6+ - ' 0 6'
, .+ . - ' 5 .02+ 6' 0,0561' ,1*6 .' 1040 8' "0908' 2' 5 .061 0' + 41 ' 3+ .' %+ , 8' 40 0'
,0 .6' ,1*6 .' +"6.*1 + - ' 0*60*6 . - ' 3+ ' 5.,0 - ' "" ' 0" 9 1 0' ,+ - ' - + .670' 0 :.* '
4. - ' - .9*150 0' +.402.*6' 3+1 + - ' 5"0 1 3+0' 12' 4' +55" , 1'. 0, 6' 8' .0: 6 .0'
06' 60 - 0 6.6 8' 14 8' ,+ - ' ".9 . 06' .5+4' +18" - . "' ,1*<+ .6 1*0' D ." " 8' - 0 8' $ '
.7. - 06 8' 5 1,0 + - ' *00' *1*' 06' + 41 + - ' 5+ 5+ .6 ' *1*' * 0 .' 1 1 0' ' $0 .' 0/61'
09* ' - 0* 0' 155 0 +8' 0 6' " ' :0*0*1' .2' 5 .' 1 1 0' 5 15 *.61' +2".6+ - ' ." ' *6 1'
4+4 8' 7.2 6+' 10 - *. + - ' ,1*<+ .6 8' 4+ - ' 5 0' *' 9;*.0,01' :1"+6. 06+ ' . 0 .', ,+ - '
4.6.' 6 .*9+".6+ - ' - 0 - 1 .*6' 4' ., , 4 6' : "' S." ' 0, ' .** ' 5 .0,040*6 8' G+1'
.41 ?$0 .' 5 1,0 08' .,' 5+ 5+ .618' *' ,1*, " + - ' :1, .6' ,7.*18' .,' +"6.*18' 4 ,+*6' 06'
+6' 40' ."+60' 09* ' *' ,1 - - +*0' ,1* +".*6' 71 6.6+ ' 01' *' 5 *, 50 - ' 0"041 ' 3+ ' 06' - . '
<0 6.60 - ' - 50 ' 6+0 ' 06' 15 6 8' *60 * 8' - 16 2+8' 5.,0 - ' ,1* 6 6+0 0' .,' - . 0' 51 " 6'
1*90.20 .6' +,70 - 0608' ,19*1 - *0' 14.20*4.' 3+. ' 0 :+ - ' 0' 4 ,.8' 0/' %0, '
. 8' 5 190 0' +50 608' 0' 1,+"1 + - ' - 20, "" 6.60 - ' 06' ." 0*+ - ' .', : " ' .4 - * 6 . '
6 1*0' .* - + - *' +"6 - . - ' .* - ' ,+ ' 5 .00 .6' .' 5.6 0' 051 6+8' 8' - +"618' " 18'
7.202.6' < 06' *' 7 8' . - 060 - ' 9 .*4 1 0 - ' *.6+' - .9*' 06' 0".6' .* - ' <+ :0*0 - ' 3+'
60 - 0 0' 0/, 6.6' .2' - . "0' 20"" ' ,1*6 .' %+ ,18' 5 5 03+0*4 ' 5.6 ' .+41 ') 6' .2' 01'
,15 8' + - - 1' ,+ - ' - 50 1' 5 .0 04+8' + - ' 08' (." :.8' +"6.*1 + - ' 5 *,058'
2 ' 90 *0 + - ' 40 6 *.2.6' c12' 43+0' +6' 50 ' 5. 0*60 - ' . ,0 "0 06+ ' + 902.6' " ' ." 18'
14.20*4.0' " 20 18' +63+ 3+0' 0/' 01' 9 .6 . - ' 06' 1 6+*. + - ' . - 5" ,.6 1*0 - ' 50'
.2.6' *' - 04 + - ' 5 151 02.*6' - 08' *60 ' +"6.*18' 0 .6' *' $0 .0' 9 .6 .' "1 0*8' <'
3+.0 ' 4+1 + - ' <. - ' .6 + - ' ,.040' *5,0*8' 5 1 +8.* - + - ' :0' +"6 1* 8' - 06+' , '
14 1' .' .6 + - ' ,7. 6.60' .271 0*606)' 7.202.6' 06' 71 - *0 - ' :16' * - + - ' *1*' '
." 8' 5160*6 . - '. 04.*60 - ' 04' 2' +5 0 - + - ' - 50 + - ' . - 2 0*60 - ' . 40*6 - 8'
6+4 8' . - 5"0402.6+ ' <+8' 40 40 .' .4<+:.2.*6' 0 04 ' *' 50 - ' *4:. + - ' 0 + - ' 5. " -
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' ' ' ' ' ' / # ^# ' ' ' !$ '8 " ' 8' , " ' 2 ! ' !) ' ' / '
/ ! ' " ' / ! ' ; ' / " #$ 2;) M#! ! ' - 5

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.* - 13+ ˢ :060 + -ˢ 41 - *1 + -ˢ 50 6.0 ˢ 06ˢ 5. 6 -ˢ 0,0*60 -ˢ *. " 8ˢ, - 40" 6.60 -ˢ & ˢ
,/0, .6 ˢ5. 6 -ˢ0/ˢ6+ 2 8ˢ"+, + -ˢ, .56.*608ˢ - 50 + -ˢ.4ˢ." 18ˢ6 .*"". 6+ -ˢ - ."02.*6ˢ ' # ˢ !
&ˢ # ˢ 14.2,*408ˢ40ˢ$0 .0ˢ 2 1 8ˢ,2*""" 8ˢ,0 6 1 ˢ . 7+8ˢ.ˢ 0 0ˢ(." - .ˢ
- .9" 8ˢ 6 *, 2+8ˢ . - *+ -ˢ,1*60*402.6ˢ06ˢ - - .*0 -ˢ 1 1 8ˢ50 4 . -ˢ4060 6.6+8ˢ
3+.0ˢ."60 + -ˢ0/ˢ .6 2+8ˢ .+4+"0*6.ˢ,16 - ":0*6 .ˢ50 ˢ"+4 2 + -ˢ 090 -ˢ, 0.6 - *ˢ,0 61ˢ
0/ 6 1ˢ 0/51 + "06ˢ 40 *ˢ."60 1ˢ 50ˢ 0ˢ +2".61ˢ 40ˢ6 .*8 0 0*41ˢ .4ˢ0/60 *18ˢ - 50 2ˢ
,19 6. "06ˢ+6ˢ 09 . -ˢ616ˢ .6 + -ˢ .*9+ *0ˢ +*0 6. -ˢ." 3+.ˢ+"6 1*0ˢ<. -ˢ0/5 .6. -ˢ *ˢ
6 . 06ˢ 0 .0ˢ,+ˢ - +"6+ -ˢ 402. ˢ - .*4.6ˢ+6ˢ.*60ˢ ++ -ˢ .4:0*6+ -ˢ $0 . -ˢ,1 - ˢ
5 ,7,*40 06ˢ 0<+ 3+0ˢ - 1 60ˢ .6 + -ˢ - .* 2+8ˢ5. 0*6. 06ˢ, .5 60ˢ 0 : .61ˢ ,+<+8ˢ9 .61ˢ
50 6.,+"1ˢ *ˢ 09*ˢ *9 0"%+ˢ 0ˢ +1 + - 3+0ˢ1,+"18ˢ 5. ,0 06ˢ G+14ˢ "Rˢ2.+4ˢ 09* 60ˢ
0, 6ˢ 0, + .3+0ˢ.ˢ,0 : ,0ˢ, .5+6ˢ" 8ˢ .4ˢ 71 1 0 -ˢ ,1 - 8ˢ 06ˢ 1,+" 8ˢ .47+,ˢ 51""
- 1 60 -ˢ 61 :+ -ˢ6+0*6 2+8ˢ 60 2 "0ˢ ,+ -ˢ 12: . -ˢ 09ˢ 5 14 06ˢ 7. 6.0ˢ ,+ 5 4ˢ *ˢ
/+ - ˢ .4ˢ6 R4. - ,*6+ -ˢ 5 .06+" 6ˢ . - *+ -ˢ *9 0" +8ˢ 14.20*408ˢ,+ -ˢ - 140ˢ
.6ˢ.* - ˢ 50 -ˢ * 6 1ˢ 0, 06ˢ.ˢ 0 0ˢ(." - .ˢ50 +. +8ˢ .60 * .0ˢ - 1 6 8ˢ 0ˢ+"61 0 -ˢ
+6+ + -ˢ - .9*1ˢ0 1 0ˢ5 1 0"%+8ˢ0 6ˢ4+ -ˢ516 +8ˢ5 <: .6 8ˢ(." - .0ˢ40" 40 8ˢ12 03+ 6+ ˢ
3+. -ˢ.4ˢ 6.6+8ˢ5+2" ,0ˢ6 .*3+ "" 6.60 - ˢ3+. -ˢ 5 .060 61 + -ˢ 12" : 1*0ˢ .*, ˢ 151 ˢ
602.6ˢ 0 5 , 6ˢ 3+.ˢ 0ˢ - +"61 . -ˢ 09+"1 + -ˢ.* - 18ˢ*1*ˢ 1"+ -ˢ.ˢ ,ˢ." 0*.: ˢ 04ˢ.4ˢ
40 50 .6 1*0 -ˢ.,ˢ40 0 6 1*08ˢ .409 6ˢ (.*0ˢ#(.7. - ." "Rˢ E01 9 .*+8ˢ $0 .0ˢ .:+*B
,+"+8ˢ ,+ -ˢ 40ˢ - 1 60ˢ - 0 .0ˢ 10 - *.0ˢ *6,)0/ "%06ˢ0/0 - 5"+ -ˢ *ˢ 0ˢ :0 6+8ˢ - 1/ˢ
40"50 .6.ˢ9 .6 .ˢ .4ˢ - 1*6.*.ˢ +.ˢ,5* +9 6ˢ< 3+0 -ˢ ˢ 0:0*608 209+8ˢ +*+8ˢ 06ˢ 8ˢ0/ˢ
E01 9 .* 8ˢ5 *, 5 2+8ˢ40ˢ3+ 2+8ˢ51 60.ˢ5"+ .ˢ4 ,0 - +8ˢ06ˢ 62ˢ.ˢ*1:1ˢ5 *, 50ˢ+"6 1* 8ˢ
4, 40 1ˢ. 40*60ˢ - 06+0*8ˢ 6.6 -ˢ ,,+6+8ˢ0 6ˢ06ˢ+60 3+0ˢ 6 15.6 .0ˢ 04 .0ˢ515+"18
%+ , ,1ˢ" - 60ˢ: , *18ˢ *0,ˢ .6 8 418ˢ 4 ,0 " ˢ 0+ +9.ˢ0/ˢ.+".ˢ +.ˢ - .9*1ˢ60 1 0ˢ - ˢ
5"0: 6ˢ G+ 2+8ˢ 40ˢ 02+8ˢ 1 - * 2+8ˢ . 7 8ˢ,0 6 1 ˢ ˢ + 0:08ˢ5+ 5+ .6+8ˢ &.*ˢ - +* ˢ
6 " - .0ˢ.4ˢU . 9 .*. -ˢ5."+40 -ˢ+ 2 8ˢ2.+4ˢ 7 * ˢ" *90ˢ5 .0 0(6+8ˢ ,+ -ˢ<. -ˢ.ˢ - 1 60ˢ
%0, - . 8ˢ .4ˢ - + .670 -ˢ 4 " 9,*60ˢ , 5 "06ˢ "Rˢ .4ˢ **.6. -ˢ 90*6ˢ - .* , .0ˢ
*48ˢ5 15.9.*4ˢ. - 2 6 1*0 -ˢ.,,040*60ˢ5 : .6.ˢ,+5 4 6.60ˢ *ˢ5 *, 5.6+8ˢ * 6 1ˢ*1: .ˢ
- .9*. + -ˢ 0 + -ˢ.+9+ .ˢ, .56.*8ˢ0. *ˢ 2ˢ3+. ˢ.ˢ 01ˢ12".6. -ˢ 1,. 1*0 -ˢ0/ 6ˢ
- .: 6ˢ 3+.ˢ .0 - +"+ -ˢ6161ˢ1 20ˢ - 50 + -ˢ ,1*,1 4 .ˢ5 +8ˢ: ." 4+ - ˢ*+*,ˢ41 - 0 6 , 8ˢ
4 "0* 1* 2+8ˢ 402 " 6.6+ -ˢ *: .40 06ˢ 06ˢ .+6ˢ1 - * *1ˢ +2:0 60 06ˢ .+6ˢ - .9*.ˢ5. 60ˢ
40 - *+61ˢ01ˢ6.*6+*40 -ˢ ++ -ˢ. - 5" ,. 06ˢ 0""ˢ - .60 . -ˢ 3+.0 0*6ˢ *+*3+. -ˢ
1,,. 1ˢ40 + 6ˢ & :1ˢ.47+,ˢ(0" - 1ˢ + 4+83+ 4. - ˢ ˢ 24.".8ˢ*1 - *0 ˢ 09 1* 8ˢ,+ ˢ
<+ 4. -ˢ *ˢ .2;"1* .ˢ 8ˢ5 .061 ˢ 12ˢ 3+.*4. -ˢ + 5 , 1*0 -ˢ .4ˢ - .* , . -ˢ 51 6. -ˢ
0:1, .6+8ˢ + 6ˢ + 4+ -ˢA1ˢ 0+*4.: +8ˢ *60 5 ,6.6+ˢ 7."4.0+ - ˢ06ˢ + 4 6.*. -ˢ
*ˢ714 0 * 8ˢ6.2+)8ˢ 7."4.,. - ˢ,+ -ˢ6. - 0*ˢ 7."4.0.ˢ *ˢ, 6, 1 0ˢ +57 .6.0ˢ 5.ˢ 6ˢ
* .ˢ .2;"1* . - ˢ06ˢ + 4ˢ 6ˢ6 .*8ˢ +57 .60 -ˢ"1*90ˢ.4ˢ - 0* .0ˢ *48ˢ51 9.*ˢ
6+ ˢ+2ˢ + 6 18ˢ .4+ 18ˢ%.5 18ˢ06ˢ - . 418ˢ - 1*6.*.ˢ. 50 .ˢ.,ˢ 9 4.ˢ"1,.ˢ *ˢ
,1R*60 8ˢ 051* 6ˢ(6 .21ˢ.ˢ3+ 2+8ˢ.*ˢ + 4ˢ*1 6 ˢ5 1 04ˢ*1 - 0*ˢ06 . -ˢ 06 *+, *6ˢ
7. + -ˢ 0 + -ˢ,+ 1 8ˢ3+ 2+8ˢ5"+8ˢ16 ˢ0 6ˢ4 ,+6 0*4+ -ˢ 0" *3+1ˢ 1*90ˢ5 .061 + -ˢ
"" +8ˢ " - 6 8ˢ *ˢ .2;"1* .ˢ ˢ - 4.ˢ 0 1516. - .ˢ06." 1 - -ˢ 50ˢ+* :0 + -ˢ - 50B
+ -ˢ%+ , ,+ -ˢ4 :0 .ˢ .6 1ˢ0 6ˢ 3+ 550ˢ." ˢ 0 0ˢ.ˢ%+ , , 8ˢ5 *, 5 2+8ˢ,1* 6 6) +*6+ ˢ
06ˢ.4ˢ+ 2, -ˢ 0:1, .*6+ ˢ *ˢ01ˢ" .60ˢ 7."4.,ˢ ""ˢ5 .0 04+ .8ˢ20 04 6. .8ˢ51"" 40*6ˢ ˢ
+6ˢ&. :14.0ˢ *ˢ ˢ ., .ˢ' 06ˢ .4ˢ " 20 18ˢ6 .* * 66+*6ˢ 3+ 2+8ˢ40 , 0*6 2+8ˢ 5 1/ - ˢ
.9*.6 1*0ˢ.+6ˢ,19*.6 1*0ˢ +,,04+*6ˢ *ˢ+6 1 3+0ˢ6. - 0*ˢ .03+0ˢ.2 2"+6.ˢ + - - ˢ - ˢ
50 .61 8ˢ5160 6.8ˢ0 6ˢ + - ˢ 9 6+ ˢ 24.".8ˢ0:1, .6+8ˢ 3+. -ˢ12ˢ,.+ . -ˢ 9*1 .*8ˢ,1 - ˢ
5. + 06 06 .4 .*151) -ˢ.4ˢ(0" - + -ˢ:0* 606 ,+2 ,+". 1 + -ˢ5+ 5+ .61ˢ*0916 + -
4.6+ -

/G/" B ˢ + ' ˢ, ˢ ˢ5 6) ˢ + 6 ˢ & ?% ' ˢ ˢ ˢ5 .ˢ
+ ˢ 2ˢ % ˢ + . ˢ ˢ . ˢ A ' N ˢ ˢ ˢ
B ˢ 6 ˢ 6 ˢ .'
%ˢ1ˢ ˢ ˢ qˢ =

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& 4.6+ - + 6 +6 71 - *0 - ,.56+ - * ,. ,0 , - ,1*< ,0 06 7. .0+8 - .9*1 ,1 - 6. -
' # :0*0 .6 ,+<+8 ,1 - 5 070*40*4 ,1 6 - 14 6.60*. 156 - . - .6+8 5 5+ .6+8 ,+ - *
60 - 5"15 0,08 .,0 06 .4 # 0"" 6. - .2 - + .670 " . * + 20 0/ 6 +4. - ,+ - + 8
:0* 6 &0 . - "0 .4 *15 *.6+ - ,1* 504+ - 50 ,+" +8 ,+ - 0 9 .: 60 3+.
,1*6 . * - ,18 4, 0*40 06 06 5+ 5+ .6+ - *60 0, 6 06 ,+2R+". 18 =. 18 :+ 91
:1,.*6 5. 6 - ,.04 6 5. 6 - :+"*0 2+8 ,1* , 6 G+1 . 1 6.6+8 (4 - +8 7."
4.01 *.+4 61 ,0 : ,0 - 5 .0, 4 <+ , 1 - 1 6+1 ,+ - .6 8 "+8 * 5 .06+ . +,
,0 " 06 4 +8 3+. 40 +*4 .6+8 .4 6. $1 6. ,6 5+ 536 .6 8 - +*0 + - - .9* 6+
4 *0 +6 * " . .+". .050 ,1*6 *9 6 ,1< +56 8 0.*40 - 5 .,6+ . - - 506 .6 < ,1*6
*+13+0 ."60 , 6.6+ .4 $1 6. - &0 + - 8 3+ , 06 3+14 12 03+ 5 .0 - + - 5.
6 ++8 ,1* 0,+6+8 + "06 :0 6+8 *0 .2 3+0 ,+"5. +. 0.*40 - 510*. - 0 06 40 50 .6.
%+ ,1 + - 9 .6 . .4 - . "0 - 3+ 6+*, 0 + - 516 02.6+ 5 1 +9 6 . 3+1 06 50
7+ - .* 60 0/,056+8 0 6 06 508 .2 - 5 +40*60 5 *, 50 .4. +6 0+ . * .: 6.* 4 6 1
*0 - 0 6 6+, 06 1*6 . 5+ 5+ .6 %+ 4 " + - <+/6. 1040 8 5. 6. 6.*3+. - 6 .*
+9. - 051 ,02.*6 + - *1* 4040 0 - .2 71 6 " 2+8 0/,+ 1* 2+8 * 6 + - 20""
.46+ - 8 .,,0402.*6 .*6 3+. +6 + 3+0 90*6 8 14 . 3+.0 * 6.*6+ - , 0:0 +*6 +6
%+ , 40 - 3+0 ,+ - %+ , 8 0*6 0*608 * %.6. . 06 , . (0 6. 0/ + +576 8
0*60*6 . .6+ - /+ - 3+0 60*0.*6 9 .6 +8 06 .,,056 +8 01 , "0 0" 9 1* 8 .7+ - 0
6.*.0 ,.+ . $0 . - +*+ - :0 D C0 - + - 1,, 4 " ,06 5 1 0 6 1*0 .7+ - 06.*+8 6
3+. - 3+ 8 +// 7 6 .*18 . .7+ - 06.* 8 * 0" 9 1*0 5 1 +8 4 " 40*60 8 *60
, .6 G+. - 0.*40 - 0*60*6 . - 6<+ 4. - *1: 6701"19 *+50 6+0 .+ +*6 ,+ -
4 ,0 0*6 20""+ - 3+14 ,1 - - +* 7 6 .*1 + - ,1* 0* / ,1*6 . .7+ - 06.*18 90
151 6+ 6 +6 " +8 .4 50 9"1 . - ,1*6 . 04. 18 3+ *60 *18 *6 1 - 8 %+ , 8
:0 6 402+ "0 G+14 3+. - 5 0 06 <+/6. - .* +06+4 *0 - 7 6 .*. - 4 ,.6+ 5 3+
,1* 0 0*6 .8 ." 1 + - - 140 .*6+ ,1* 0 0*6 . - +. - 090*6 & , E - $0 .0 .2
." 4141 0 +1 ,7." . 1 4 *0 : 0414 ,+<+8 414 *. - 7. 4. 08 ,6 2 %0C+*0 608
- . " 8 (157 * 5.60 06 .:+8 0*1;. +*6 ." 18 1 - *0 8 ." + - 06 8 (04. 18 40
60 6.*6+ 01 + - 3+0 " 2 18 +2 ,+*3+0 50 618 ". - - 8 0/+ +*6 06 , +40" 60 *01
+ - 12 0 :.61 08 .0: +*6 4 20"" ,.+ .8 3+ 4. - .44+*6 1 - * 1 + - 50 6 6 1
*0 - 3+ 2+8 90*8 " . - +"6+ - 40 6 2+ 6 *. - - + .620 - 2 * - 04 1 - +*4
6. 0 : + - +2 . 21 0 - ./ - . 3+.0 . - 18 4+18 1*9 " - + - .4 *60 :.""+ - 0/
51 90 06 06 ."60 + - 3+ 40 - .4 0/6 0 - 08 1 0*6 8 ."60 + - .4 10440*6 8 *48
0/60* + - 51 60. 2 : + - 0 50*60 - - - 0* .0 - .9* 6+4"* 8 .2 1 0*60 .4 0 .*60
50408 5 1:1"+6+ - 3+0 * - .*+ 5 070* + - *60 0,0 6 , .+60 - .,0 41608 +18
"" 1 - * + - <*60 5 06.618 0 "0 +6 4 ,0 0*6 - 04 + - - +*4 9* ,. 0 040 - 5 +8
- + .67 8 - 50 ."0 - .63+0 .401 E1* 6.*6 *151" - 06 . 21 0 - ,+ - 4+12+8
- ./ - 8 .* 8 40*16. 0 . - 5" 6+4 *0 - .7+ - 06.* - 50 ? 50 0 50*60 - .2
1 0*60 :0* 0*60 - *60"" 9 $0 . - 3) 0 - 20""1 +50 .6+ +8 6 06 1,, + +8 09*1
0<+8 .4 - .* ,+ - - 50 + - .4<+* 61 .0 20"" ,.+ .0 50 7 20*6+ 3+.8 1 6+*.
.4<+: 6 , "%1 6+*, *60 * 8 - 16 2+8 $, ,1 09*1 06 ,1*6 . - 1 ., ,1*,1 40 %+
, , - 50 ! 21 0

51 6 +2<+9.6. - ;5 + - 06 E+"06. - * . 67.9 * 0* 51 6+ ,.56. -
., 1"1 .03+.6. - ,+ - <. - 0 0 616+* 3+.4 0** + - . - . %+ , ,. 3+ 0: "0*6 *
4 , ., ,+ - 09, $.**1* .0 !718 0* - 6 6 "18 *1* 06 . - " *50 .61 8 *1 - 0* 2
.0 . + - 6 3+.*41 ,+ - %+ , 8 5., 46+ @ 4+ . 0*6 *1:.0 .4 6 0** + - ,+ -
$7 " 551 5.* .0 090 5.4.0 0 "0*6 2.+4 4 + * +"6.* ,2*, " 1 3+.0 0*4+ - + 6
3+1 0. :0 6 4020 0*6 . - 0 0,70 - 0608 5+ 5+ .61 + - 5 *,058 (0" - 90*0
- .9*.

% $? ? ' $ # ' [
60 - 5"+ - + +" - .*1 + - 6 . " 8 4

G 5' ' '(' ?+^

61.9*.0' '5 1560'.06.60-'06' 0 +-'+ +-'.+ 61 6.6 8' 6.,0* + '06' ., ""+8'20""+-' /,,0
90 '40-1*6 .:6'.4:0 +8'$0 .8' 0 0' .9 66 18'06',* 0 18' . 1' ,"1550 6 8'. -.618' ' # ' / .
.,'*+) 8' -+* 6 8'"1, 8'40 0* 18'3+.-',5*6 .' .6 *18' 6,' 7 6 .*18':1,.2.*6' 0 1
.*+6*.3+0' , * 618'06'61 6*0*616+-' +"-6*.6 1* 2+8' 155 4.' +.' .+6' 5 15+9*.*60 8
.+6." 0*.' Z.40.648 ,0 6 1 0-3+0': 61 .-'4,' .6 , 8' -1"" 2+8'06'4," , 8'16 13+0
**+6 6 8'3+.-'40' + 15.0 8' .0 6+8' 91 8' -04 .0'5.6 0*6 2+8'.,' 12+ 6 8'515+" 8
051 6. '51"%0' .0,' 0,70-06 8' 0*60*6 .' 0, 04 6+ '6.-0*'A1' 0+*,".: +8
*0 , 1'0/',+@+8' 40 ',+-'20""+-',1*6 .'$0 .8' -./ -0' 4 +. "%,' , 2 6'06' .4' ." .
. 9+-0*6.'.,' .6 *08' 51 "/0-1'.4<+*/ 0' ,"09.*8'3+14' E .0, 8' 06' %+ , 8' *' + +
0 6'5 1:0 2 +-' ,.+4.-' 0 50*6 '3+'41 - 6'*1*'0 0' ,.",.*4.-' ." 13+' +6+ +-
+6' 0/, 6.6+8' ,.5 60' / +-' , 041'5+*9.6' 0""1' 40, 061'4+.0' 4 ,+"6.608'1,,+ 0
2.*6' ' "1*9 *3+ 6.8' 6 *0 8' 06'. 50 6.8' "1,1 + *'50'3+.0' -1*6 2+8' 06' ": 8' -50
4 6.'06' .4' * 4 .8' 1551 6+*.' *'71 6 ,+-'50*06 .*4+-'0 "06'6+ *' -.<1 08' -+"61
3+.-' *'."1'20 "1' +-56+8' ., 0*4 ' (,'0* -'4 5+6.2.6' (*.*'5+ 5+ .6+8' '.4' 5. 6.
40' $0 8' ,1* 0 :.*4.'15+8' 0" 0' . ,08' ,1* 6 +0 0' -+* 6 1*08' 0/, 6. 0'3+.0' *1*' * "0
:." 4 8' 5 .0 4 8' 40 0*40' 51 *6<' .4' 3+.0' 1* - .'*1* + J04+ .'3+.0' - "6'5 1,0
4+*6' 0/' .0 . 1' 6 50*4 .' 04'. -5" 1 .' 0/6 .'1 4 *0-'*+-0 .*4.'3+1' + 60*6.6+8
*'150 0'. 4+0' :0 . ' 6.6 1*08' 12 0'"1,+-'<+ " -'6+0 '06'." .'"1*9 *3+.0' - " 6 .,
*,1- -14.'5.6 0*60' 0 0' 51" *' 6' #' ' +-56+8' ,+-' (*.* 8' 0*60*
6 .-' +- -.'5 +40*6 .'06' .03+ 6.60' * 6' .60 06+ ' -+ .6708'50,+* .-' *' 018' 0/
.0 . 1' - * -0' 40 +6) .-' 5151*4 6' 4 ,+"6.60' 2":0*4.'5"+8' *0916
+ 6' ,+-':. .0' 4 ,. ,*6+ ' 0*60*6 .0' .-' ." '50' .2;"1* .-'0/0 , 6+-' - - 6
60*4+-' +.402.*6' '06' *40' 04.#'(; .-'3+.-$0 051" -'1" -' "0' :1"+*6' 60*
40*4+-' 0140-'3+1' "0/.*4 +-' 6 *0 ,' *' 0.8' ,9"1*08' 50*06 . 0' -1*+-0*6 8
5 14 6+-'0 6' " ' 04.'%.+ +-' #! 06' + 20-'15+"0*6 " - .-'. , 2+8'
-.*4.-' .,' "1,.' , ,+-51 6.' -+* 0*4.',0* 02.*6' " ' + +8' -04 .' 0*60*6 .
+6 . 3+0' "".8' ,1-5"0402.*6+ '06' 2 5. 6 6 8': 2+8' +6 13+0' *:.40*4+-'71 60-' 4
,02.*6' ,'0* -' 1 0' +6' 5 0': 0 8' 4 : 40 ,',1.4+8' +6 12 3+0' .4' 0 60*4+-' .5.
0 "06' (04' - +.6708',1*6 .',0* + 6' 06',+-'50' 20 .-'06' -0* .*0' 4+,'*0
,0 "0' 0 "06'3+14'.2' 0.'5. 60'%.6. 0'3)' +5 .' 1*6+-'06' .4' - . 0' . 5 +-' 7.2 6.*6
" .,' 0' ,1*<+*4+ '0 "0*6' - .9*+-'-1-0*6+-.4' ""+4' 20""+-'."".6+ '*1*' * ',+-
6161' ,/0 , 6+'50'"1,.'6. *' * 0 6.'., 4 4" .'6+61' *,04'51 "0' 0/ 6 -.: 6
0 ' ' '6.-'"1*9 *3+'06' -504 6' 6 *0 8' .6 1*0',+*4'.* - 50*'
402.*6'3+ 8' 4+/'6.*61' 20 "1' 40" 90 06+ ' -+ .6708' 0* -' 0' *1*' 6+ +-'<.-'5 1'
0 "+8' +0 .6' 4'6.*3+.-'*1:+-' - .*60' -+"6+-'(*.*0'3+14' -.9*.' 0-50'20"".'
,+<+ 6*14' ""+4' 0 0 '*+*3+.-'50':R. 28' 0-50'50' 0' .4- * 6 . "0' +"6.*18' 0/'
5 1 +-' .**." 2+8' ,1* 6. 0 ' .+"R*'1260*402.6' "6.+*8' -50 '*0916 .'06' 50'
,+"1 .-'"1*90' .'41-1' 6.-'4 +6+-.-'.2 0*6 .-'616' 5160*6 2+8' 5 *, 5 2+8' .4'
1,, 40*6."0-' - 60-'1551 6 8' .4' 7.8' ,.+ .8' .44+*6' 06' .- " . 8' -."' 05 "056 ,'
.05 +8' 41-' 0,+ 0*6 8' ,1* 40*6 .-'3+1' 7 06+02.6' ' *',. 6 8' -.*0 0' ,190 06+ '
*0' 03+0*6 +8' :0/. 06+ '06'0-.*.*60' -1 2' *6 .'5.".6 '5. 06 8' ".60*6 8' .-.' 5 0'
*60 ' +18',1*60-56 2 1'0/'01'0:.40 06' 9 6) ',+-' *60 0 "0' *1*'51"%06'5+ 5+ .6 '
3+'.+6' : 6+6 8' .-.' .+6' 9 .6 .' .5+4' 5 *, 50-' 0' +50 1 08' 5+6.2.*6'6.*6.-'5 1'
: *, .-' 2'40-.*4. '0/156.2.*6' 06' .-2 02.* ' *60'3+18' 5 .0, 5+'0- *02.*6'
(*.*' *+50'0/5+9*.6.' E+"06.'06' + 6.57.8' ;5 1' *' 5 1: *, .-' 04.4.' .* 1 '
4+,08'! (04' *'5 .0 0*6 .'* 7 "' 40' +- -1' 4+,0' 5+2" ,0' ,1* 6 -6+-'' 6.*6+-' - ""'
50 ' :0"1,08' 03+18'3+' C +- '&.**'06' .2;"1* .0' 5+ 5+ .6 8' -50 . 0*6' +6' *'
0 6 8' *,+ 1* 2+8' $0 . +-' *0 8' :. 6. 0*6' %.*40-'71,'.**1' + 6.57.8' 4+/'
+- -+8' 5 1*+*, .6+ '06' - *1'71*1 8',.66 .'5 1 03+0*6 +-',1- 6.6+' 1*' 5 " 8
1* 6.*6 *151"

& ' , * ' ' 8' '''

44 ? ! 1* 6. 6 *151" 4 ,040*8# 7.",041*0 - 6 .* * 6 *40 50 - . . - 06 (0
. 9 6?. 6151" - . "1 6 *0 0 C + - + - *0+*60 (0/6 :0* 6< 3+. - (- 2 . - .
$61"1 - .01 - 0 - 1 .6. - , 04+*6 * 6 2+8 .55.41, .0 06 - 0* .0 1# "0 3+1
,060 5+ 5+ .6 5 .061 08 ., 20"" 4+,08 ,+ - ,15 8 3+ 3+0 8 60*40 0 + 0 .*6
0 ,"+ 6 .6+80/0 , 6+8 - 1 0 1" 61 06 :."06+4 *. . : ." 4 8 . - 8 * 6 +46 .2 *0 -
2+8 06 1 608 0/ 7.2 6+ 06 :+"6+ .2 - 20"" 2+8 4 6 *4 6. +6 71, 4 , - *0 .6 1 0*
,0 6. - : + - * 0 51 06 $ - .55. +0 0 0 1516. - 3+ *1* 5"+8 3+. - / , 1
+0 +*6 0 , .9 66. 06 .",.6 80* 2+8 . - .6 ,060 13+ *0 - 08 - +"6+ - +,,0*
,*6, 5 .061 5 1: *4.0 + 6.57. 3+14 6. * 0/ 9++ - *+ - 0 + - 0, - .44+/ "06
18 03+02.*6+ ; 06 .2;"1* .4 +57 .60 - 06% 9 40 - 51" 6 .U%, ,41*.
5 1 0 6 *+ - 0 1 /<; , 1 0140 - 90*0 0 6,"1 + - * 6 +4 $1 6 (; ₣ *,04,
2.*6 5 06 1 +8 *4+6 3+. - . - .6 3+ 5 1"+"61* 2+8 0/,+ 0*41 06 * 9; + - 0
,040*41 0 0 5+9*.*6 0 * ,1 - 5. +0 +*6 .0 - *1 8 3+. - *.61" . - 714 ,
:1,.*6 ,15 .0 0/ .9*0 . 67;* . *,; . ;4 . $7 ;9 . 06 $1*61 5 1 ,1"
"04 .0 3+.0 / , 1 20"".61 + - 156 - 0 +41 + - ," , 02.* 8 .4 - 6 0 .*6
0/ A+4.0. 06 $.".0 6 *. 5 1 04 :0" 608 71 - *08 090*608 5 .041*+ - - 1 0 0/,+
0*608 06 : , 1 "R. - 3+14 0 6 - - .*0 90*+8 71 - *+ - 5 .04 8 06 ".*
9+ * +*40*41 . +06+ . (01 - .2 ." 8 +6 * 3+"2+8 12+ 0/0 , 6+8 ,1* 602.6
*,0402.*6 ,, .0 * $0"151**0 1 E .0, . .,041* . ., %7 ., . , 56.0 ,"15
506 8 09 09 0 * 6 +4.0 .4 /) "6 - 1 "1,1 0,0* 6. 5 .061 .*1 + -
.*+8 C + - 5 .404+8 0/ .55.41, . 06 - 0* . : , 1 - "6+ - ,1""04 . 7.
202.6 +6 * " * 60 ,1*6 *+ 8 0/,+ "1* 2+8 ,1* 0 0*4 8 ,+ - 71 60 5+9* 8 . +061 + -
3+ 1 - *08 +"6.* 6 50*4 8 *. "6.2.*6 .+4 - *1 :1"1*+ - *+ - 0 +8 + 6 +""
71, .**1 0/ ,. $.**1* . 09;561 06 D .2 . 0" ,0 .4 69*. ,1*:0*06+*6 < 06
5 .061 .*0 . - . 4 * 5 .0 4 1 - .*0 0 <+ " +*6 .4 +2 6. 051" 6 $ .060 0.
+ 6.57.8 0,+ - .44+/0 .6 , , 60 - *1 . 61 - 0*6. 50 - +* 6 1*08 "1, 8 41
*0 8 0/ 6 +0*4.8 4 51*0*4. ,+ - - .9*. 50,+* .0 : 5160 6.60 .4. +6 :04 9." 2+8
"05 06 ." . + - , : 6.6+ - * " * 60 51" - + - + * 56+8 20"" +6 51 06 **1*.0
06 5 1 504+ - 40, - 8 50 "".8 09 1*08 06 ,. - 0" 8 .4 51 6.*4. 1*, . - 50 .6 8 06
,1""04 8 5. - - .9*1 *+ - 0 1 1" 1 2+8 ., ,+* , 41 + - .90*41 + - 50 6 8 .9*.
06 - - 0*6 : 8 *.: 2+8 1* 6.*6 *151" - 51 . 4+,0) "+C." ,"."(8 - * *
5 ., 041 06 50 - . 0 9 +/ *+ - % .5,C+*60 - .4:04. 3+.0 + 28 6.*6+ - :
4 0 + - 6 *0 0 .2 C + - 1 .20 6+*40 02+8 6. * 6 +4 8 + 6.57.8 4 ,040*8 14.: 8
,. 6 8 .4 . . - :0* 6 "1,+ - ,1 - - 0.6+ .2+*4.*60 - 06 +"6 - . ,+ - (1" - .*1
5., ,.6 1*0 *. - 6. *60 6 .* 90*60 8 ,1*:0*0 .6 40 6 - 4+ - 2 1041 - 2 0
155 0 +8 9"1 - 0 .*60 0 :0*61 06 : * 1 6. 5. - 60*61 . 40@ , 0*60 ., - "60 -
. "4.*60 .4 6 4++ - - *1 ,+ - *,1 - - 141 ,1 * - 6. ,1.4+80 6< 06 *40
- .9*1 .09 161 - - *+ - 0 1 0 41 .4 E7 0"4, 07 0 8 - 1*608 : , *18 ,1*,0 6 <
6. 4 51 6 8 ,15 8.4 : 6.*4.8 *" 4 .8 +6 5 0 * 5".* 6 0 ,1* 60 06 C + - 0* 8
5+ 5+ .6+8 ,1 60 - .4 40/6 . - 0 : +8 - 4.0 * 0 1516. - . 5+ 5+ .6+8 ."
60 + - .4".0:. - 1,,+5. 06 06 ,+ -) 8 - .*+8 .7. - 06+8 + 6.57.8 ., 5+ 5+ .6
:1"1*+ - 06 6 50*4 . 1 + - 4+,08 60*61 . 90 0*6 06 3+." 4+12+8 ,1 * 2+8 51
04 8 - 04 .*0 ., 0 - 40 0*4,60*6 , 6 :0"+6 * 5,,+". 01 60 - 0 1. *3+1 :0* 0*60 -
,1* 5 ,. 0*6+

? !) 4+ - .5+4%+ 18 90 .*6+ 14.2,*408 4+ 40 71 6 + - ,1*" " 8
,19*1: 06 06 2,""+ - .6 8 60 - 0 6.6, ,1056+ - " 2 5 1 03+0*4+ - *0,0 " 1 ,
40 06 6. .0* +6 .4 ""+4 5. .6 1 .,,040 06 ." +4.90*4+ - ." +4 " 2 " - +".*4+ -
4+/ 6

% $ D+. .. + 6 $ % ? B0 2 $
0 $ U ! # ? $? 6 $.

ˢ ' '' ˢ . Te'

4+/ 6ˢA 09*1ˢ *1*ˢ 6.ˢ5 40 -ˢ .4 61ˢ *00ˢ .6 8ˢ,1 - 51 6Zˢ 02+8ˢ 3+.8ˢ51 6ˢ *,1* +"6.*ˢ &

- . " 8ˢ *+50ˢ40 +* 6ˢ , +40" 6.60 -ˢ06ˢ 5"0ˢ - 5 +40< 6 .ˢ +.ˢ 4+ - . 0 .0(." - .0ˢ . ˢ000ˢ

:1"+*6.6 2+8ˢ * - 8ˢ - 1 90 .6+ ˢ * 6 1ˢ6+ 2.:0 .6ˢ 6.3+0ˢ - 1406.6 1*0 -ˢ - .<1 0 ˢ

5 .,ˢ ˢ 0 0*8ˢ3+. ˢ510* 60 06ˢ06ˢ6 6 2 8ˢ *60ˢ+6 . - 3+0ˢ90*60 -ˢ*+50ˢ0/1 6 8ˢ 0 - 0ˢ

4 + -ˢ.4 0 0ˢ,+50 06ˢ"09.6 1*0 -ˢ.4ˢ - + .670 - 4 ,0 *"6ˢ *1*ˢ6. *ˢ,1*,1 4 .,ˢ 50ˢ

3+. -ˢ+6ˢ60 - 5+84+,0 06ˢ f0 + -ˢ ""0ˢ" :0ˢ .ˢ 1 - * 1 + -ˢ +1 + -ˢ *60 5 06 2+8ˢ50 ˢ

+. +8ˢ" :0ˢ *<+ .ˢ 7."4.0ˢ*1*ˢ404 6ˢ 6.6+8ˢ"09.608ˢ: /ˢ.4 - 28ˢ .+4 : 6ˢ06ˢ ,+ -ˢ

- *., 2+8ˢ:0 2 8ˢ.4ˢ +. 0 - 6ˢ *60 0.ˢE01 9 .* ˢ *ˢ3+1 + -ˢ 40ˢ - .9 6+*6ˢ - 1B

- 0*6+ -ˢ0 .6ˢ3+14ˢ50ˢ 5ˢ1 + -ˢ4 6 1*08%+ , 8 *,040*4+ -ˢ0 06ˢ"60 8ˢ06ˢ 02 8ˢ

+, 8ˢ .4ˢ6+0*4+ -ˢ - 50 + -ˢ ,+<+8ˢ 20*0 , . ˢ0 0*6ˢ 1" , 6.6 ˢ06ˢ (.74 - ." .,ˢ

2 0:0*608ˢ 6ˢ3+. .6 1*0ˢ +"5 , 1*08ˢ5* 9. ˢ51 0*6ˢ50ˢ. - ,18ˢ60*6.6 ˢ06 . -ˢ,1*ˢ

%.6. 1 + - - 50 .61 0ˢ"1*90ˢ1 - * . -ˢ5160*6 " - 1ˢ3+ˢIS 6. +8ˢ:+"91ˢ:1066+ ˢ 10ˢ

4+8ˢ * 6+ - ˢ01"3+0ˢ 20""1ˢ,1*6 .ˢ%+ ,18ˢ 90 0*41ˢ""2ˢ 1, 18ˢ .4<+*/ ˢ,.56.6.ˢ1,,.ˢ

1*, ˢ3+14ˢ :0ˢ12ˢ.0 - +".6 1*0 - %+ , ,.0ˢ5160*6 .0ˢ :0ˢ12ˢ5 :.6.8ˢ *<+ .8ˢ%.ˢ

6. 18ˢ6+*,ˢ0 9.ˢ%+ ,18ˢ - ."0ˢ. J0 618ˢ 0 "0ˢ ,1 - 50 " 06ˢ * . -ˢ." 13+ˢ 14.20*4.0ˢ - .ˢ

<1 08ˢ,1*6 *+.ˢ,+ - %.6. 8ˢ 20"".ˢ90 "0 .*6ˢ< 06ˢ" ,06ˢ. - 21ˢ .7+ - 06.*ˢ *6ˢ6. - 0*ˢ

3+ 2+ 4. -ˢ40ˢ 0" 9 1*0ˢ "0*60*6 8ˢ *60ˢ 0ˢ4 , 05.*6ˢ +"618ˢ06ˢ .+/ " . 0 8ˢ0/ˢ 5 8ˢ

%+ , 8ˢ*1*ˢ5. :.0ˢ.+ R1 6.6 8ˢ 2ˢ,1*, " .: 6ˢ3+ˢ .2ˢ." 8ˢ%+ , 8ˢ *.* , 8ˢ *ˢ 0ˢ

" 9 1* 8ˢ,.+".ˢ4 " 402.*6ˢ 06ˢ *ˢ(152 *4* -ˢ5. 608ˢ5 150*402.*6ˢ 6.ˢ 02+8ˢ 0 0ˢ+6ˢ

,+*3+0ˢ5 1ˢ60 - 51 0ˢ1 4 *.6 8 ˢ56.0 00 ˢ5 1: *, . + -ˢ, 6.*6+ ˢ+6ˢ,+ -ˢ,15 8ˢ + 8ˢ.4ˢ

*6< 3+ˢ06 ˢ * 6 1ˢ - " 6 . -ˢ406 0 6. 0*6ˢ6. - 0*ˢ,1 - - +*ˢ50 ,+"1ˢ60 6ˢ71 60ˢ6. *ˢ

5 15 *3+1ˢ 06ˢ - 6 9.*60ˢ14 .ˢ*2:ˢ5 *, 5 8ˢ06ˢ".20*6 8ˢ - 50 ˢ - 0 ,1 4 .ˢ//ˢ Lˢ

09 09 0ˢ. - 8ˢ * 6 +4".ˢ.4ˢ 9*.ˢ,1*:T*0 +*6 3+ 2+8ˢ,+ -ˢ + - - 2ˢ - 50 1ˢ3+ˢ5 .00 "06ˢ

40"04+8ˢ0 6ˢ ˢ%1, - .,08ˢ +"6.*+8ˢ * 0* .0ˢ5 .0 0 6+8ˢ - " 6. ˢ 0 0*6 .ˢ,". +8ˢ06ˢ .05 +8ˢ

12 6 8ˢ .4ˢ 51 6. -ˢ *.* , . -ˢ"09.6 1* 2+8ˢ50 51 6+8 ˢ3+ˢ5 16 *+8ˢ,+6*ˢ 8ˢ 3+.8ˢ

4 / ˢ,15 8ˢ .4ˢ" - 60 -ˢ4+,0 0ˢ +206.

ˢ 8ˢ 9 6+ 50ˢ%.+ + -ˢ,6 E0*9. -ˢ . 1ˢ 6 0 , . ". -ˢ :0* 6ˢ,+ -ˢ5.+"1ˢ

.*60ˢ .4ˢ ˢ 7 0"40 0* 0 8ˢ - 1*608ˢ51 6ˢ,".40 -ˢ .ˢ,10"ˢ *<+ .ˢ.,,056. -ˢ + 6.57.8ˢ 0ˢ

,1*6+" "06ˢ *40ˢ - " 8ˢ0/5"1 .61 2+8ˢ+6ˢ40ˢ71 60ˢ,19*1 10 0*6ˢ 5 ,ˢ +2 03+ 6+ ˢ

,+ - 3+0ˢ "" ˢ5 1,+" C0 + - 0* 0 -ˢ06ˢ 0 : + -ˢ5+ 5+ .618ˢ *ˢ,1"" 2+8ˢ .4:0 8ˢ,+ -ˢ

0/ 9+1ˢ*+ - 0 1ˢ,1*"5 ,.6 ˢ *1*ˢ06 . -ˢ + 6.57. -ˢ *ˢ5".* 6 0ˢ,1"" 2+8ˢ604+ 7ˢ,+ -ˢ

6161ˢ,/0 , 6+ˢ,0 *, 0ˢ516+ 0*6ˢ.4ˢ%1, - .,0 -ˢ5 16 *+8ˢ 0&0 ˢ: 18ˢ 2ˢ5 .0,+ ˢ

1 08ˢ 0*+*, .*6ˢ3+18ˢ ˢ - .6+ 0ˢ.41 .*6+ ˢ *ˢ .4"ˢ 1 0ˢ: 61 . -ˢ 0,056 8ˢ0/5"2ˢ

ˢ .61 2+8ˢ40,056+8ˢ06ˢ 5 0ˢ%1, - .308ˢ9 .4+ -ˢ.,,0"0 ˢ06ˢ5 16 *+8ˢ,+ -ˢ5+ 5+ .6 8ˢ

3+ˢ.4ˢ0+ -ˢ0ˢ"1*9 *3+1ˢ,1*"50 + -ˢ0ˢ01""0ˢ3+ 3+0ˢ 6 1ˢ40",0*40*608ˢ.,,+ 0 - 66ˢ

.4ˢ - .*+8ˢ 50ˢ + 6.57.0ˢ, 6 +8ˢ:0* 6ˢ . -ˢ""0ˢ3+ˢ".60 0ˢ:0""06ˢ41*00ˢ *ˢ5 1:0 618ˢ

06ˢ 1"+6 8ˢ<. -ˢ1 4 * 2+8ˢ 5.".*60 8ˢ40604 8ˢ *" 4 8ˢ - 5 0" 1*06*ˢ .,0 06ˢ,+ -ˢ." ˢ

3+.*4 +ˢ +18ˢ40* .6 8ˢ 5"+8ˢ <+ 61ˢ 4 * 2+8ˢ,1*6 *+ %06ˢ.*603+. -ˢ018ˢ"./. 0ˢ51 "06ˢ

- +"6+ -ˢ60 - 51 8ˢ *60 ,0"" 6ˢ3+1ˢ%+ , ˢ + 6 .ˢ + 6.57. -ˢ.+/ ""1ˢ&0* 0*60 -ˢ0/ˢ

504.*608ˢ - .9*.ˢ0/ˢ5. 60ˢ,.0"< +*6ˢ *. -ˢ.ˢ - 0 4 0ˢ<. -ˢ <ˢ *609 8ˢ71 85+9*.6) -ˢ

+0 .6ˢ1+* + 6.57.8ˢ6.*40 -ˢ,+ -ˢ6161ˢ,/0 , 6+ˢ.55. 0 0ˢ,105 6ˢ %+ *ˢ0 1ˢ0 1 0 -ˢ

0* 6%1, .., <)"60 +8ˢ5 1:04 3+. -ˢ+6ˢ5040 -ˢ0 0* 0ˢ51 06ˢ6. - 0*ˢ3+14516+ 6ˢ

50 ,+"+ -ˢ. 0 .ˢ4 ,+"" 6ˢ06ˢ,1*6 .4 8ˢ3+.8ˢ516+ 6ˢ56U6 6. *ˢ4 + - *+ -ˢ,0 6. - ,*ˢ

.4ˢ 0ˢ,15 8 ˢ 1 6 - 0ˢ6.*6.0ˢ - 1 8ˢ *,+ - 20*6 8ˢ - 506+ -ˢ 6 7+ 6ˢ+ 3+0ˢ.4ˢ*240 - ˢ

,+<+8ˢ20*0 , 1ˢ40 0* +8ˢ:ˢ,ˢ ˢ0/ˢ"+ 8ˢ40 40 .6 8ˢ06ˢ ˢ, 1ˢ,.56 8ˢ.4ˢ +.ˢ 0ˢ 0,05 6ˢ 0,ˢ

+ 6.57.8ˢ ,,,40*6 2+8ˢ * 6. 0ˢ *60*40*6 2+8ˢ 0ˢ60*02 8ˢ:1"+ 6ˢ 04ˢ,".40 -ˢ +. -ˢ

*ˢ1,,+"61ˢ - 140*8ˢ3+ 550ˢ5"+8ˢ/:ˢ ˢ%+ ,17 -ˢ01ˢ4 0ˢ,.0 .ˢ,2* 6.6ˢ06ˢ *ˢ 8ˢ: ˢ

ˢ 5 1: *, . + -

3 ' %F# # , > 4 ˢ ˢ 1#ˢ & & &!
&ˢ% ˢ7 ˢ & ˢ ˢ &

. ˢ ''' ˢ & ˢ

TeT 7 44 -

& 5 1: *, . + - 5 ,61 08< 06^1 6 +* 6 4.6 8 *60 -
' # . 4 - + .670 - 0. 40 0" 60 8 1/4 06 " /6. 6 1 ,1 - *0* 1 + 18 0 6 $1 6 4 0
,+ - ,.5 6. : 0 . *5+9*. 104 1 61 .) 6 61 40 - 1 0 ."". 6. 0 0*6 06 0. $0 . + -
0 0 0/ ,1"1 0 . , 61* .0 2. 2.0 1 - . .55. 0 06 , .56 :18 ,1 . - 0 6 <+ 6 6 3+ 2+8
- 1/ <+ + +1 *60 0 6 8 , .5 6. . ,0 ; , 2+8 , , 4 - 50 . : 6 06 0/ 7 8 1 - * 2+8 1 4 *0
4 51 6 8 * +2<04. 5". 7 6 0 5 15+9* . ,+"+ - ,1* 6 + ,+<: 8 504. ,+"5 06 - .9* 6+
4 *0 - 71 6 " 8 ,". 4 8 1 60*40 06 06 + ". 60 60 1 0 - : , * 8 515+" 8 *60*6. 06 + ,
,1*" - "0 - 0* *. .6 . , , 4 "0 * "5. * . **.0+8 J"1 .8 06 . - *60 2. 2. 18
104. - . - 51 6 *90*60 - 4 + *+6. *60 : 41 . ,". 40 - . $1 - 50 . * 8 . , ,056. -
,+ - 5 1 +9 . 5 10" 1 0 +*4. * 0,05 0*6 .0 . : 418 6.6 - 12" 40 - 50 . :
405 150 .61 0/ ,1*90 6 8 , .4. :0 2+8 3+. 0 5 " 8 <. ,+" 3+0 ,1* / . *60 0 60*02. *
6+ . 99< 0 3+14 " ,06 .4 71 1 05. .4+ - 6. - 0* 12 4 1* 8 *0,0 6 6.60 0/, + .
516+ 6 A. - .4 14.20*4. - 3 .61* 0 .6 *+* , +8 5+9* . , . %1, - . ,0*+ +8
:0*0 .6 3+ 06 090 - 40 71 6 + - ; 261 . , ,1* " 8 5"0*0 041,0 06 06 .+/ " . *1: .
+ . - 6 5060606 3+ 238 0/504 , " ". ,6 1 3+. - 6 6 1 5 .060 61 +, ,0 6"
4.20*408 04 * 61+ + - 6146+8 * 6 4 "61 60 - 5+8 *6, - 6602.6
4+ - 5 15+9* . ,1". - .4 71 /1 0 - 40""9* . 6+ - . + 6.57. , 9 6+
:0*0 0 .4 0+ - "09.6 .*+,4. 8 . 60 +8 E01 9 . * . , : 4+ .0 ,+ U 040 - 6. 0 *1
- 0* " .4:0*6+ - 41 - * + - * , .*60c G+ . 0 +"6 . - 14+ - ". 06+8 * 50, 0 -
+ 6.57. 8 5 - 1 08 4+,08 0 12: . - 5 14 0 <+206 06 6+2. + - 1* 6+ 6; - 5. *1 + -
5+" + . , 0 6. 61 - 0*61 - * 4 "5"1 61* , 5+2" , . - ". 06 6 . - 60 6. :1"+ 6 . 51 - 5.
.*+, , . .4 60*61 + - - 50 .61 8 6. 404+, 6+ +6 6 +0 - "". - , .5R+ - : 40 0
,190 06+ < 06 3+14 0 .6 ,1*< , 0*8 51 6 ."+6.6 1*08 06 402 60 12 03+ 1 , . ,1*
6 *+1 40 5+9* .0 +, ,0"%+ + 6.57. - *60 619. : 6 71, 0* - :0""0 5 + - *60" 902.6
06 4 6 8 0<+8 40 - 0 7.20 0 - +". : 6 4 40". 6.8 .+60 - +"6 1 . . *+, , . 0 +.8 *
71, 20""1 1508 06 150 . - + 6.5704c <50 20 .4 .14+ - 0" *4 6 06 ,1* :0 68 .4
, .5 6+ - . ,0 :+ - 06 0/0 , 6+ - * . - 8 6. *60 - . , 70"" ,+ - 1 - *0 - .55. .6+ - 1,+
" 8 .0,1 - * . 3+. 0 : 408 *3+ 6 - - 0* 1*0, ." 8,1*,0@ 5 20*0 , 1 - . * , .0
. - " .0 5 *, 5 2+8 ". 9 - 0 0+8)64%0*6 3+ 616 60 . + - 1 2 ,+ -
1 - * + - .4 - .6 1*0 7 5160 60 - 5; 6 0*7 6 5 +40 - 0 , , 6
.4+ +8 60 - 51 +8 :0* 6 36+ 6* - 7 , " + 615 .05160*6 ,9 40 0 8 .050
9 .6+ - 0 6 3+14 60 1,"+ - 6 1 6 1 h)6. 7+8 - . * 8 1 2 0 + 61 .4:0* - -
9 .6+"1 ,6 : , " - 1 - *0 - 20<5031", 6 4* . - 0 6 2 51*401 - . , ,056 8 .2
01 .) .6 8 41* 8 "+55" , :0 60 - * . + 61 - , ,+ - 4. <+206 0+ - 3+0 7. 6. 06 ,"; 501
09 09 0 .2 0 .4 8 06 . 6 , 1 , 4.21 .6 41* . : 6 ,+ 6140"3+0 0/ - . * , 5 8 .551 +
3+ 0+ - 6. *3+. - 12" 40 - 3+. ,+*3660 66,040606 12 0 : . 0*6 *603+. - + 60 +8
5 59 04 .6+ 1 .6 1 40 E01 9 . * 8 06 09 1*0 3+. - 51 " 40*6 40 66 0* . 5 1/ - .
06 04 . * 3+ 2+8 5 1: *, 8 5 .0, 5+0 08 71, 20""1 90 6. 0 6 3+.04. - 5 .0 - 660*4.
,0* + E01 9 . *0 714 0 20 . - 7.2 6. *6 09 1*0 - - 1*6. * . * ,1* : ."" 2+8 : 8
6 2+8 , . * 06 - 504 6. - .2 1, , . 6" 5","+40 *+* A 0*9 0" . p - 0 4 0 - 0
* . ,+<+8 06 5. 60 - 1, ,+5. *6 .2 1 6* 04 . 6 15.60* . 6:0(: . *1 . 0560*6 1* ,
40* 3+0 "2. * . 3+. 0 *+* , =+ . #06 , *4. - 0 ,1 19 2+8 0 8 06 .",1* 2+8
.2+*4. *60 . J"+ 2+8 ,6 - .9* 8 "+6* - 2+8 7 9.6+ 8 - 606 3+. 0 . /08 0 - *06
3+ 0/ %. + 1 1 6+8 :0 +8 1 6+ - 60*406ZU%1 - 0* - . ""7 6 * 1, , . + - 0 6
0560*6 1* , - 0 "04 6 * 06 ; 661 R 6 ; 4 5. 60 1 6+8 50 5". 8
.2 6+ - *1 2+8. - * 2+89 NN 77" I61D# 06 7. *0 . + 4 61
, 5 6 06 ,+2 61 3+0 - * "0/66 0X4* - *90*8 +2 1 6. (0 1" - 6. /. 6.
; 7 0 4*6
. /2" !# & ! 3 2 "1 "> !>"03 >"1)# ; $ # >
% + $ D , "$? . , + 4 // %

_V

& '150 ' +1' .4<+* 6.' .E 1" '*1 - *0' *4 9 6. - '06'? + - ' .4' 1 66 - ' 7 .206' ' *6 I.'
) ' ' 718' " - 608' .' * .6+ .' 51 618' 9 . ". *60' + *4 3+0' .A + - 6. - ' ;0*0* '5160*4 . ' 0+8'
7 6 . * ' *1 - * 8' 0" 3+ .8' :0"+6' ,1*,"+ 0 .6' - ' * .,,0"%.8' 06' 3+. - 4 +' ,1*,1 4,8'
*60 ' 0' +0 .*6' +6' *,/5+9*.2 "08' , 04 6.8' 04' .:.6 6 .'06' . - 2 6 1*0' 6 - +".*6 2+8'
5"0 3+0' *' 7 8' ,9 1* 2+8' 09+"' .,'515+" '3+' ., .' 7 6 .*.' 0,+*4+ - ' - 8' E .0,18'
06 *02.*6' * 2+8' + 8' - * - 0' ,1*60*6 ' 0' 0/6 .' 0' 3+.0 0 +*6' 06' ,+ - ' .4' 1/08'
$0 ,. - ' 15+"0*6 . - ' 06' - .9* 6+4 *0 - ' 7.20 0*6' 0.3+0' 5. 60' - .9 8' .4' .,,0 "+ - ' 5. '
60 0*6' 2.+4' 0* - ' "1*90' 7 *,'%.+ + .' .20 6' 6+*,' - .9* ' "" +8' - 50 ' 09 .' 5 - 1'
1040 .' ,+ - ' $0 8' * :0 +*6 3+ 2+8' 150 . - ' 1. - ' 8' .44 ,02.*6' 06' 6.' 5"0 3+0' ,+ - '
50,+* .5.+".6 - ' .21 - *.*4.0 0 6.0' 50 60 - *6 .: 10 . 0,050 - *6') *404 ,1 4 .,'
*60 ' 018' 0/1 6.0' 3+ 2+8' 6.*40 - ' 0 0 6+ - ' 0 6' +6' 55 60. '%+ , 8' .4:0 18$0 .8' 5 .0;.'
,*6 2+8' 506' 4 60* 1*,841 - 0 6 ,.8' 0/' 0.,.+ . 0 - *.6.8' .4 - 8.4' 5 28' *:.40*418'
5.6+0 6' $ *0 508' *' 20 .' 06' - 0* .0 ' 3+.0' .' 7 6 .* 8' * 402.6+ ' +2<04".,'
5. 60' *60 ' E04 .*1.' 6+*,' 0 .*6' 040 * 6 8' " .' .* "1 .' : 4+.' .*+,, . 8' 06'
"0/.*4 '5. 0*8' .: 4' 06' (- 1' .:. .55' " "0/.*40 '2 0:0*6 8' " +8' .9*+8'
,19*1 - *.6.8' DA1 057+8' E1 " +8' (.7. - ." '40' 3+1' A 41' 4 / '$0 .0' 06' 7. 40 8'
.:+*,+"+8' 06' .,7 *0+8' (.7. - ." 1*6.*.' 06' *,+"6.' 7.2 6.6' *' 6 15.60*.0'
* 2+8' "2.* . 66' :0 +8' <. - ' .*60 ' " ,06' E01 9 .*+8' (157 *1 + - ' 04.0' .44 4 +8'
A1 057+8' E1 ' 040 - ' *' 20 .' 7.206' 06' .2' 1 0*6,' ' 0 20*61 ' .2' 1,,. +' 8' ;4 * 6 40'
".,+' , *9 6+ ' ' 06' .2' *.*1' .4' 1 - - .8' .*9+ 6 .8' 04.4+8' 51 6 0 - 1' ., .' E7 6 .*.'
40 0 - 6' - 5 .03+0' 14.0' 40* ' 12" 9.: 6

' ; ' " .' "1*90' - ./ - + - ' 60 61 + ' 1,,+5.6' $ 06' . . - ' .4' 1,,. '
+ - ' .4' 1 6+ - ' (- 1* 8' 06' .: 4 8 .6 + - ' 4 6 1*08' 7.206' 06 .*+,, . 0' ."60 1' 0/'
" 8' 12 40' .4' + 6.57. - ' - 1 ' "0/.*4 . - 9 .*4 1 0 - ' * .6+' - 50 1' 5 .0 0,0 .6' <
3+1' 40 *,058' .' .*+,, . 0' .'%+ 48' *, 6.61' *0 .*4.' - 5 06.60' G@1" .6+8' 0 6' " '
6+*,7.".' 09 .' 01 + - ' 0 . '3+. ' .+ 0+ - ' ,. 6 + - ' 4 .8' 7506 .4 .0' .4 , 2+8' ? . 1 .'
06%0 " + - ' :0 +8' .,,1* .91 8 ."6 2+8, *4.06*.6.6." 6+40 0*".' *40' 1 - * '
:0 +8' 60*40*6 2+8' 06' *' - 0* . - ' 40",0*40*6 61' .:. ".5" 4 1' "1*90' - ./ - .' * '
6 .6+ ' ' 3+. - ' ,+ - ' 5. 0*8' (- 1* ' 9 .*4 1 ' * .6+') 2' 540.6. - ' 60 6. - 0*61' 0" 3+ 0 '
.: 4' *<+ 806' : ' *<+ 6. 6.6 ' ,1*6 1&0 ' 06' * 0 6. - ' 046' ".6 1*+ - 3+,' - .* '
,1*6 .4.' (- 1 0 - ' ,109 6' : , * ' 09 8' 8' 6+*,' , .6 00 - . 08' .+/ " + - ' - 5"1 . 0'
8' :0 1' 1,,. 1*0 - ' 5160*6 8' 09+"' .+6' 0:0 60*4' .+6' *' 1 4 *0 - ' ,190*4' 12".6. - '
- * - 0' 5 .060 - 6K' 150 - 3+0' 51) ,0*8' .6 .5.,' 41' 0/' + 8 - .*4.6.' 1,,+"6.' 4. '
+6' *' - 0* . - ' 5 1 04+8' .: 40 - ' . 6+' ,1 - 5 070*40 ,6' < 06' ' 3+ 40 - ' .4' (157 '
*1 + - ' 04. - ' *," *. 0' *1""06' *' $0 . - ' 0,+ - ' .44+,0 06' ' 3+14' ' ,1*4 6 1*0 - '
.,, 50 06' 0+ - ' *' - 50 1' .60 *1' 5 *, 50 - ' ,1* 6 6+0 06' ,1*4 6 1*0' 6. - 0*' 5 +8'
(- 1* ' 40".6.' +6' ' 06' 5 0' (157 *1 + - ' 04.0' " 1 - 0 '4. 0' :0""06' *' 5.60 *1' 09*1'
$0 , ' 09 8' 20*0 , . 1' ,1* - . 06+ ' 06' .: 4' 3+ ' "" ' 40' 01' ,1*6 1:0 . - ' - 1 '
:02.6' *' ,+ 614 . - ' 6 +40 06+ ' 4' 04+"1' 0/ 0,+6+8' 0 6' .6 .5.' 06' ,.56+ - ' .: 40 - '
+2 61' ,1 "4 6 1*' ."%0*6 0*60 - ' 7.2+ 6' ' 3+. - ' 0.*40 - ' 1 - ' (- 1' .' 16 .5.' 19.6+8'
.,, 50 0' *1 "06' 06' 09*.' 06' 1508' 3+ 2+8' :+"94 ," , 6.6, - ' 5<06 - + ' 1" , 6.6' .060 *.0'
+ - - .' ,1* 6.76 .' 51 67.2+ "06' .: 4' - 1/ ' - 5 1' 4<0 < 6 0'
- 1 0' 90*6 8' 06'" %0 " 7' ,7.*+8' .' 14.5.' ,1 6R+ 1 ' .,' 57
"1"257 .0' 6+4 8' * " +4+8' 3+ 2+8' ,.56 : 6.60* 1. - ' ,6+*") - . "0' %0, ' " 1' 1'
".2.6+ ' ' .7.,. - ' *' - 0 . .' 0 : 6+60 - ' .24+4+8' 0 1' *' 0.' 4 6 1*0' 5 - . .0' 208'
+*6' %0 " + - ' 09+"1 + - ' 1408' *? 3+.' 06' - .<166 6' 5 1 + - ' 05+",7 .' : 1*6+

3 ' '% 'F # = I ' ' '@ ' ' + $ ' &75 ' "@ 'T ' &
@ ' ' ; & ' >I ' 'F I ' 55 ' 2 ' '% ' 2: !' % 'HI 2 > =

1 + - ' ? 70 08' ' ; 151" 8 ' !* . -'7+ ,' *1 - * ' 0"51*406 7 + , .".@ 5 .060 0.' & '
* - "6.' , . 64". ' (01 - ' .2' 6 *0 ,' 06 : .' - " 6. ' +"6 .' ; , 7* 6 40 - ' . , + - ' 0560* ') 7 ' " '
6 1*0 - ' :0 +8 ' . . , 7 . , + - ' + 28 0 6' .'3+1' "1 , ' 09+"1'*1 - 0* ' 3+ ' *'7 8 20"" 8 * . '
6+ .'"1 , ' ."50 '06 * , +"6 '6+6+8 3+. 6 .4 50 6. , +"+ - ' ,4 6 ' *0,'5+2" , .0 , .". - 6.6 '5. '
6 , 5. : 6' *1*'+6 3+0 0.' 3+ 40'9. : + +8 ' 6 %. 6. ' 6,+6 '%+ , 8 0,050 .*6 ' " . ,' 60 '
7.2 6+ ' *' - 0* . - ' 06 04 . - ' 40 ,0*4 ,*6 ' *' - 0* .' 06 6.' 0 6 "0/ .*4 '
0:0*6 8 " ' 06 4 "' .6 8 4 6 1 ' *60 '%0 " + - ' 06 0 : .*+* < 4013+0 06 $0 "8
*40 06 *40'%+ , 8 .4 *<+ .8 .50 6. ' 8 :061 ' 3+0 - ' $0 .0 014 , - ' 3+1' (- 1*0 - '
. 6+' - 50 1' 5.60 *1' 51" . 0 60*6.:0 .*6 ' "2 ' 3+0 *' .4 - 5 .* ' 04. - ' 6 . - ' 50 '
6 ./0 .*6 ' *' .6 0 - ' ,2* , 6.61 ' , + - ' 5 +8 $0 "6,1' - 50 1' - . / - 0 .44 4+8 + 06 '
.2 01' 60 - 51 0 *0+6 .6+ - ' 5. 6 + - ' 0 "0 06 0" , 1 0 - ' 1 6+* . - ' 03+ ' - ."+ 6 ' 6.3+0 '
, + - ' 0 : ' .4: , +8 "+ - ' 40 0*4 "06 ' , + - ' %+ , 8 5160*6 1 2+8 12 03+ 1' 40".61 . ,'
41* 8 6 .*"09 6 ' 3+ 06, - 3+0 06 1508 ' 3+ 2+8 5 .0 ." 8 .2+*4.2.6 ' 7. ,' - 0 ,040 .2
. : . 8 5+ 5. .6 8 040 - 6 ' 8 0 = .90* .0 .4 ' .* . , + - ' 040 - ' 7.206 ' 3+ ' 51 60.' *'
8 ./0 - ' +5 .' 0* ' " , +6 ' < . - ' 4 / ' * "+ 6 ' 63+0 7 0 0 6 E01 9 .*1 + - ' 714 0
".6+8 '3+1 + - '4 6 1*08 , + - ' .4 6+ - ' .4 %. + + - ' 3+1' 4+,02.6+ '0/0 , 6+8 %+ , , +8 '
.2 1, , . '06 0560*6 1*0 :0"+6 '12 6 - .*6 ' - +"6+ - ' 06 %+ ,1 + - ' ,6 $0 . + - ' *60 '
0 .6 .4 +6 .8 5. 608 "" ' 0 .4<+*90 0*6

' , ' E01 9 .*18 6 15.6 * .' 03+ 6+ ' 714 0 (: .* ' *1 - *0 *4 9 6.6.' ' '
7. 40 0 (157 *1' 06 A - . "0 *5 1: * , . - ' 0/5+""2 .*6 3+1' 41 - *1 ' 04.4.' , +<+8
- 06 151" 8 0 6 (+ - . , 7 . ' .4 ."5 + - ' - . 0 51 6.' *60 ' 0 20*6+ - ' *' ,+<+8 12 4 1*0
7. 40 08 *60 04+8 0 6 ' 06 0 - ' 0 , '15 , 1' *12 "0 155 4+ - ' 5".'1" * ' (; - 2. ,0
(6 .21* '4 4. ' 3+. - '06 *4 907.8 .2 - 0* 8 1, , +5.6. - ' 1 - .*1 + - ' 150 0,05 "0
6 .4 6 ' 6 15.60* .0 - .9* .' 04 .' +2< . ,06 ' ,+<+8 , .5+6 714 0 %. + + - ' 0 6 .4
1*60 - ' - 1*60 - ' 3+ '06 5. 8 %. + '0 6 ' *+50 '$0 . + - ' .' ' 3+. - ' ,2.6.* .' 0 60
- +"6 8 06 : ." 4 8 ,1* : * , 6 . 9+ - 0*6 8 * .41"+8 ' *' ,060 8 '3+.*6+ - ' .4 *1 - * .' .* '
6 3+. ' 3+.0 .050 ,1* + *4 6 ' *1*' 6.' 4 " 90*8 ' A1 ' I 0+* ,". : +8 6. - 0*' 7.0 06 ' 06
. 61* ' - 0* ' 3+ ' %. + + - ' *' $0 . - 0* . ' 71,' 0 6 ' *' - .<1 0 - 0* .' 0 '
51* 6 ' .+41 6.60 0 - ' . - 2 9+. - ' 0" 3+ 6 ' (04'*1*' : 4 6 : ' 414 "" - +8 ' 714 0 '
- 0* .0 *1 - 0*' *1*' 1"+ - ' .*6 3+18 - 0* .0 *0 8 ' 04 06 04 . - ' ,+<+8 0 - 50 '
- .9* .' , + - ' - 0* .' 06 - 1 + - ' 06 * .6+ .0 "1 , ' :0" (6 .21*0 60 60 ,1*<+*4 1' + 6 '
,1 - 5"04 ' 4013+0 .0* 18 ' 3+1 . - ' 06 . 61* ' 60 - 51 0 06 714 0 *1 - 0*' ,0"0 '
20 - + - ' 0 6 ' 04 .0 *1 - *0 5 1 +8 0/6 *41 ' 0. - + 20 - ' 2 '< . - ' 6+ *' .44 / 60
. - ' ." 13+ ' 6+8 ,6 ,060 .' 3+.0 .' :060 2+8 40 02.6.* 8 4 , +*6+ ' - . / - 0 %. + 1'
,1* :0* +*6 ' +6 5"+ 2+8 40 - ' * .41 +8 1 60*4 6 *' 05 61". ' .4 . + - ' 1 .4+ - '
0.' 40 0 0 56. ' (+*6 06 . .0 4+.0 : .0 ' 3+ 2+c'%. + + - ' 6+ ' 5 1 '50 ' 0 : .*+ - '
*40 1 0*60 - ' :0 +8 50 ' ." : .*+ - ' 06 ' 7 +" ." + - ' : * ' .+6 / ' 4 0 + - ' .4 + 20 - '
60 ' 0 6 ' 3+1' 06 J0 7.608 5+ 5+ .6+8 0/ , , 6+ - ' 4+/ 6 ' 06 0 : .*+ - ' - +* : 6 ' ."60 .'
50 ' &.*+ - '06 . 6 .* . - ' 5."+40 - < *40 50 'V 1 + - ' 0 0*6 + - ' 06 (1 .* . - '
6 40 - ' .4 + 20 - ' / ' 4 0 + - ' 60 ' ' 3+1' 06 6 *0 0 0/0 , 6+ .' - .*08 4+/ 6 ' + +8 .'
%. + 1' - 0 4 0 - ' :0 8 (." . - . ' 06 51 60.' # $0 051< 8 1 6+ - ' :0 +8 ']' . - *+ - '
714 0'51 6 %. + + - ' . - 6+ - 09* ' 0408 ' 06 51 60.' ." .*+ - ' 06 +"6 .' 5.7.*+ -
3+14

% $ ' 0 f !' 52$ $ ' $ 2''' $!2C / !5$ 2 ! /$ >- 2
2 ' 5 " / /] $ / $ 2" ' ' !$ 2' ' !# 2' !$ <2)$ 2) !$

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_ P   8

& "" 3+14 / : 4 0 + - 6 *0 0 .%. + "61 .20 6 06 0 + - * . * . 1 , , + 6 + * , .4
. 0 ,1056.0 0 0 - 040. - 1(: I
7 . *+, , . 0 - *, . 6 8 %+ ,1 - 71*1 ,0 0/ ,056+ - + 6.57.8
,+ - * 01 0" 06 +6 , . 6 . %0 " "6. - :0 +8 561 - 1:0 06 :070 - 0*6 1 0 3+. - . * 0.
- 2 0 . , 6+ 2 * 2+8 :0*61 - - 06 , 02 8 +"9+ + - ,1 + , .6 1* 2+8 155 0 "" 8 51""
3+. - 616+ - 3+.6 4 "+ - ,1*"" 60 0 1. 6+8, 6 3+ 2+8 0/ ""1 , .5 6+ - . ,0 :1 06 , .
4.:0 + - *0, *1* - +"164 - . , , . .0"1 + - 5. "" - 0*0 61 + - ! 3 - +"6 66 4 *0 .0
0 ,+ - 5, 6 R*60 - 1061 0 - ,1*6 . /0 .6 6.*40 - ,10"1 51"" 6.*6. - 60 - 50 6. 0 -
0 0*.61 :. . ,1*4. - .*6+ 06 .4 E 1" + - ". ,+* 5 - 8 , . 6 8 6+ , + - 6 *0 2+8
"+61 ,1 +56 8 *03+0 , . - 4 1*+ 6 *,040 0 *03+0 03+ 61 - 0*6 8 6 . 60*4 8 + ,0 ,
".5 .*6 2+8 :0 6 9 8 51 0*6 $1 6 4 0 , ,7 ,70"0, + - :0*6+ - E01 9 .*1 + - 1" -
, . 60""+ - *+*, %+ , , .0 4 6 1* 8 51 63+. - (1"; - .*+8 ""+4 +"6 - 8 2,"" 8 1, ,+5.: 6
2 +6 *"1,1 . - ,1 50 16 + - 4+ - ,1 51 . ,+ .*6+ 0,0* 06+ 0/0 , 6+8 06 51 6
5 - . - "+ 6 .6 1*, - .+6 5 10" 1 40" 40 .61 + - .+6 - 1 2 8 .2 + - 561 + - .+6 . 9* 8
,". - 4+, 2+8 0 - ** 2 + - * 6. .6 4*0 73 . *+ - 0/ 5 1 0 *+ - 0 1 400"%0
050 6. ^ *6 *40 0, +*4 8, 8 % + . *6 :0*6+ - 60 - 5" 8 06 . ,0"" 8 7 6 .*1 + -
"1, + - 03+0*60 - * 3+ 2+8 .47*, 63*, "., . 6+ .6 *1 50 .902.*6+ <. - . 60 -
51 2+8 20"" . , 3+14 - .<4 08 9"1 1"+ - - .9 8 3+. - +4+1 " - * %. . ,
(; . 5 .0, 5+0 06 A+4.0. 90 0 +*6 . . 4 ,040*6, 0/0 , 6+ - 1*8 . 4++8 06
."50 3+ *60 <. ,06 +50 .6+(06.4 E01 9 .*1 + - , . 6 + - 71 5 6 + - + - 56+ - . "
60 3+0 , . 6 8 * %0 " 6 ,1*"5, 6+ - :0* 6 + 6.57.8 3+14 155 4.* 8 :. ,++ - . : 40
7.*1 ,+<+8 0 .6 * - 1*6.*. ,+ - + 8 4 ".5 1 1 J0*4 6 %161 01 6 *0 0 . E01
9 .* 8 $0 ,1 *1 - * .44 4 8 . : 40 5 1 A1 ,571 06 +6 , 04 6+ - 0 6 "0/ .*4 1
040 - 6 8 " 1 06 .*+, , . (3+ * , . 6 8 + 6.57.0 0 .6 .6 , - . / - 0 * 0 6.66
%+ , . - +6 3+ 3+0 ,1 - - 0.6+8 *15 . . , . 6 8 "1*9 +8 5.2+".6+ - 0/ ,+ 02.6
.+6 12 ." .8 *,1 - - 14 6.608 * +"6 - 1 .9 - *0 01 - . + 8 0 - .*02.6 6.6 - * 4 8
+*4 3+0 50 "1, . " . 62 9*16. *,+ ,*6 2+8 , .3502.6+ 06 .+6 51" .2.6+ .+6 , .040
2.6+ \)2 %0 + - :0* 6 + 6.57 "1, + - 1551 6+*+ - ,1* 5 , .6+8 . ,0 - 5 1
6 *+8 - . 0 * 6 6+ 6 * 6 .4 6< 0 5 1 60 - 51 0 - + 8 06 , 61 - 0*6 8 * , . 0
" 4 8 .7. - 06+ - 5+ 5+ .6+ - &1 . 614 . , 0<+8 - 51 + 6 ,+ -
& 5. 6 - 6 50*4 . 1 . - 5. 6 *R<5 6+8 .7. - ,6 - .*, 5 1 . - 5 . ,4(4 1
.0, - 0* 0 (0560 - 2 . .# 0 * 04 .*8 &0 "*8 , . 6 .5 1 - 16. 4 ".5 1 <. - - +"6 8
3+ *,1 - - 14 6.60 - 50 6.0 *1* 506 ". . 5+ 5+ .61 :0* . . 9* 8 4 ", , ", .*6 06
* 8 (; 0 0 .4 3+ ",51 .**1*. - * , . 6 . .66+"0 .*6 4+,0 D . 6. 4 *1
7 ."020 . E01 9 .* 8 4+ - 0 0, 5 +*6 *6, ,056 06 51 6 12 6 *.6+ - ,0 6. - 0*
, .0 5.+, :0"1, 6.60 ,3+1 + - 50 ,+"1 0/0 - 56 06 * 8 . . 4 *+8 5 0 3+
"05+ - *,1"+ - 8 50 :0* 6 *60 0. + 6.57.8 6 .* - " 1 3+ %0 " 6+ - .""+
"+: 1 06 +50 .6 8 + 2 - - *,*6 2+8 - 1*6 2+8 .4 +2<, 6. "1, . 5."+41 . - 06.6+8
, . 6 . 12: 18 7.2+ 6 "0/ .*4 0:0*6 8 ") E01 9 .*0 1 .61 08 3+ .4:0*6+ - 70
+ *+*0 . 0*6 3+18 06 5 0 - 1/ 0, +6+8 0 6 140 - * 50, 0 - 71*1 0 . , .*+, , .
5 +8 0/ ,056+8 41* "3+0 12".6 8 . , 5. " 20 ." 6.60 0 - +*0 .6+8 , + - 0 * 40 ! 0
- .* , - 50 1 0 5 1 - "06 .4 5. .*4+ - * 04 6+ ,1 - - 0.6+ - 41 - + - 0 - " 8
0 6 *40 + 6.57.8 ,1*6 7+. 1 / 4 0* - 50 "1, . 0 0 5."+ 6 . 6 *0 0 .4 .
. ,+ - "+: + - 40 3+14 / :0 6 06 * , 60 1 0 5. .4 0 , 0*4+ - - " 60 - 04 6?
"04 6 2 .4 0+ - :0*0 0 (, ,<7 *,* 61 - , : 6.6 8 * 6615.60*.006 04 .0 ,166 * 2+8
51 6.0 5 - 1 08 06 0 . , + .%+ ,1 *65.6 1, - 15, - 0 0 <3+18 ".+4.618 06 :0 6 2+
0 , 8 41*.608 * 5. 1, * + - + ,05 6 . , 41 - + - .4 6 . 0 - 6

& # "

% $ D 6 . , 5 - /3/ 3 $ 2, ##3 $
dK ! + . + 6

' ; ! - ?)F

& ' * ' * 1 .' 1"+ - ' : . + - ' * ,166 - 14 6.6 2+8' .6 9.61 ' 04' : 4+8' 50 - .' & '
' .4' - . , 0 - ' 06' 40 50 .6 1*0 - ' 0 0' .4.41 ' .4' 0, 0.*4.8' : 0 8' 06' .* - ' 06' ,1 51 8' ' # '
." 3+1'R/. - 0*61' 15+8' , .6' 6.3+0' ,+ - '." 3+16' 0/5"1 .61 08' ' C0 - ' ,.56 ' 3+ ' 1 '
6. 0' . 6+' .2'71 6 2+8' - " ' 0 .*6 ' +6' %+ ,18' *' * 64 .8' 50 6 .70 0*6 ' 6 .*8' .* . ,+ - '
.2+*4. 0' ,1 - - 0.6+ - ' . - . 0*6' + 6.57.8' 0 - 0*60' <. - ' 0/0 , 6+ ' 04 6 1*0 - '
:0 6+8' ,+*4 8 ' 3+ ' :0""0*6 ' 50 - " 6' +6' 5.2+".6+ - '" 20 0' 5 1 , ,0 0*6+ ' 6.*6+ - '
'2' , . :0 0*6' ' *03+0' 0' *' * 4 .8' - 5 +40*60 ' *4+0 0*6' (0,+*4+ - ' 7.0,' .4' /' , 1'
0/' . - +" 6 1' 0 0'0/0 , 6+8' ,+ - ' , . - 0" 8 ' 03+ 8 ' *+" 8' .4' 5 .04. - ' 51 6.*4. - ' 5 1 04 '
+*6 ' 3+ ' ,+ - ' .4' ,1* "+0*60 - ' .* . , ' 06' . / 8' 2.+4' 7 * ,'"1*90' :0* "0*6 ' 06 ' ,1" '
"04 .' <. - ' 5 .04. ' *' 01' 0 "0*6 ' +6' .4' " 18 04 0*6 ' * ,+ - 20*60' 2 " ,+" 8 ' - .*9+" 8
(, .5 ' 06' ." 1 + - ' 5 1,0 + - ' 3+ ' +"6 - 1'5 .0" 1' *' 7 0"40 *0*" 2+8' , . - 5 8' (0/6 " '
5 1/ - 1' ,1 - - "1' *60 +0 .*6 ' 06' . * *+ - ' 5 1 04 ' .7 14.20*40.4%1, - . ,0 - '
, - " ' +0 .*6 ' 9"121' *60 ,056 ' .4' +*+ - ' 1 - *08' , .0 ' +*6' 4' 6 05 6+ - ' 0/ , 6.6'
%+ , ' ,1*<04.*6,8' 4' 3+14' 0 .6< 6.6 - 3+0' + 6.57.8' 9* . , .*0 0<+206 - .9*13+0'
,+ +' .4' +18' ,1*60*40*8 ' 0 +8 ' +6' 018' 50 ,+"1' 0/ - 0 06' 3+ 550' <. - ' , .0 18' 04'
- .6+ 0 ' +6' +"6 1*0 - ' 40' 71 60' + - 0 06' *' $0 .8' 5 .04.0' 0, 5 0*4.0' *60*618' - .9* .'
: ' - 5 0 ""1*0 - ' . , 6' 4'".0: . - 0 : " +8' 5+ 5+ .6+8' <+/6.' . / 8' 5. - ' .4' 40/6 . - '
' . . , ' - . 9 *0' 2 .*+8' 5+ 5+ .6+8' 4 51" 6 ' 0 .*6' 5 0' - 04 +8' . , 0 - ' 0902.6
$0 .0* - . - ' +. - ' - 1 . - ' *' ,1"" 90*4.' 5 .04.' 0 1 . , ,+ .*608 ' ,+ - ' 0.40 - ' 69* . '
01 40 - ' 71 - *08 ' .' 3+ 2+8' *+5, ' : 4 ' +0 .*6 ' *+ - 0 1' "1*90' 0' *50 1 08' ,+* .'
71 4 8' ,". - 1 2+8' .4' <1 + - ' +"6 1*0 - ' .47+,' , . ,*6' .*9+ *0' .*60' 1,+"18' 5 150 '
.*60 8' 7.20 0*6 ' *40' . /0 ' 7 * ,' .* . ,1' 3+. ' *' 50* * +".' , *4 ' *+""+ - ' 0 +9 + - '
.' 60 91' : 402.*6' +, 2+8' *' : . .' ,1*" " .' .56.6 8 ' ,+ - ' ." ' *' : 6+60' 06' - 1 60' 71 '
*0 6.' 5 .0 4 + - ' 51*0*608 ' .4' 0/6 0 - .' 0' 5. . 0*6 ' ." ' *1*'6. *' 40,1 8' 3+. - ' ."+6 8'
5+2" , .0 ' 3+.0' *' 015 10" 1' :0 602.6+ ' .6 1*0 - ' 7.20*4. - ' 4 ,0 0*6 6.*40 - ' <. - ' - '
,+ - 20*6 2+8' %+ , 8 ' ,+ - ' *+""+8' ,1*""" 1 ' 3+14' *' 5+2" ,+ - ' <+: . 06' "1,+8' 0 06' 3+ '
3+0' 3+.' 516+ 6' ."+6 ' ,1* +" 6' %1, - . ,08' 5 0' 5 *,058' 06' D - 08' ,+ - ' 5 1,0 2+8' . ,'
4+, 2+8' 5 - . 8 ' : 6+6 ' ,3+1 + - ' ,1* ' *' .* . ,+ - ' 040 - 66+*6< ,6' * .6.6+ *'
+"60 1 0 - ' 5. - ' .": ' 0: .4+*6 ' 3+1 + - ' 0/0 - 5"+ - ' **+ - 0 ' , ,+6 ' 04' 4 "5. '
, :0*6+ ' 3+ 550' *1*' 0140 - ' 03+1 + - ' +2 3+0' 121 0 ' 3+ ' 5 6+' 40 , 0*60 ' ,+ - ' 0 "2 '
2+8' "+: 1' 7.+ 6' +*6' G+.' 0' + +8' 60 6 ' 3+ ' 03+02.*6+ ' 0 1' 50 0' 3+ . - '
.3+. - 0 9 ' 71*0 6 +8' 4+,0 608' 1*60 - ' 12 :0 6+*6 ' 06' 40 50 .6 1*0' : 0 8' .440*60 '
1 6 - 0' ." 3+.*4 +' , 6 60 +*6' 04' *+ - 0 1' 6.*40 - ' : 4 ' 5. 6 - ' *60 04 ' +*6'
5. 6 - ' 404 6 1*0' *%+ ,1 + - ' 5160 640 - ' :0*0 +*6 ' 71 6 " ' 5 - +7 ' - 1/3+0' ".*9+ *0'
+1 + - ' +*0 6.6.50* *"+". ' *' 3+.' +*1' 4 0' 5"+8' / / :' , 1' 71 - * - *' 1, ,+2+ "0' ,1* 6.6
$0 - +"6 ' 5 .06, 0.' *' .* . ,1' 50 0 +*6' /' %+ , 8 ' 5 .060 ' ' 5.2+".61 + - ' .4'
*' ' *' +"6 - 1' ,1* " 4 +' 4, 40 .6 ' $1"" ' . ,0056 . - ' ,".40 - ' %1, - . ,08' 5 16 *+8' .4'
14.20*4. - ' . - *+ - ' - 66 6 ' 3+ ' - .9* 6+4 *0' 4. - * ' ." 0* ' 5 15 + .' 0"0: . 06' #
*+ - 0 1' 0' 3+ 40 - ' +50 .6+ - ' .60 06+ ' 04' 6.' .66 6 8' 71 6 + - ' : <2+8 ' +6' * 7 "
. - 5" +8' 60*6. 0' 51" 0*6' .4.' 50 ' 6'. / " + - ' 0,0*8' *' 60 - 51 0' + - - 660 06+ ' 0 8 '
".*9+ 4 8' - 0 .3+0' . ,' :+"*0 2+8' ,1* 04 8' 06' 5 1,+" .' 41 - 1' 71 6 2+8' . , "0' 40 '
20"".6+ - ' ' 5 0' 0 : .*+ - ' *' +. - ' 5 .0 04+ . - ' ,1* ,04 6 ' 0<+"3+0' ,1* " + - ' 0 '
,+6 ' - .*9+)8' E0*9. - ' (0 .5+8' . " : .*+ - ' 4 :0 ' .20+*6' - .*4.6.' .2' 14.20*40'
1550 ,*608 '

& ' " ' + 6.57.8 ' +, ,0 2+8' * 60*4+ - ' .6+8 ' 5 16 *+8' .4' .* . , ' 5. - ' ,+ - '
6161' 0/0 , 6+' :0* 6' ' .4' 3+0 *' 6 .*" * 660*4+ - ' ,+ - ' ,+*4 8 ' +6' 51 6 4 0' 5. .6' 0 "0*6 '
,4 / "%06' 0 - 0 0' - "08 ' 06' 60*61 + - ' 0<+8' , ,+ - 6.*8' 50 * , 0 - ' ,0 6. - ' 405 0, . '
""0' ,1*6 .' +18' ,1* 6 - . 0' 06' 406 04.*6 + - ' 9* . : . - ' , . 50 0' ' *1*' 16 1' 06' "+/+' 04
".21 2+8

'%' ' $ ' D 8 . 2' 6' ' :/ ## 9 . +7 ' ' + ' :-' ' ' +' 7' . 7+ ' / ' 0 ' + / '
-' 6 : +' ; < ' ' ' 9 . & ; +

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,6ˢ 1 "2 08ˢ5 .0 - 66 6ˢ3+ˢ.4ˢ .*.,. -ˢ51*60 -ˢ0/ 6 - 0 0*6ˢ3+1ˢ *0ˢ<. 6+ .ˢ0/0 , 6+8ˢ & ˢ
6 .4+,ˢ51 %06ˢ J"+: 1ˢ6 .* - "2ˢ(.7. - ."ˢ.4:0*6+ -ˢ " + -ˢ 0*+*, . ˢ,+ .6ˢ 3+ˢ) ˢ@@@ˢ
0/ˢ + .*.ˢ4 6 1*0ˢ .ˢ 0 0ˢ - 1*6.*.ˢ.4ˢ5+ 5+ .6+ .ˢ:0 6ˢ06ˢ +,,0 + -ˢ9 .6+".6+8ˢ
"05.6 1, * 1ˢ%+ 4,1ˢ,1 - - 6ˢ - 1/3+0ˢ.,,056.ˢ:0 60ˢ06ˢ - " 6. 2+8ˢ1 *. - 0*6 8ˢ.ˢ
+ 6.57.ˢ41*.6+8ˢ.4ˢ +.ˢ 0:06 +8ˢ0 6ˢ + 6.57.8ˢ*1 60 -ˢ3+14ˢ 0 0*.ˢ0 "06ˢ,1*6 ˢ
*+.61ˢ 6 *0 0ˢ - .*0ˢ "0/.*4 ˢ 0:0*6 .*ˢ4 6 1*0 -ˢ *9 0 "+ -ˢ 0ˢ 0 6 ˢ+2ˢ 0ˢ1 - *ˢ
.4ˢ: 6+ -ˢ*0,0 . .ˢ0/0 , 6+8ˢ 0, ,.6+8ˢ + 6ˢ & , "" -ˢ04 61ˢ5 151 61ˢ - 50 .6+ -ˢ.ˢ
5+ 5+ .61ˢ+6ˢ.2ˢ5 - *ˢ - ."0 , 1ˢ0 9.ˢ.9 ,1".8ˢ50ˢ,.ˢ"1,.ˢ.2 6 *0 06+ ˢ + -ˢ ,04 6ˢ
:0*0 0ˢ .4ˢ 0+ -ˢ"09.6ˢ.ˢ 0:0*6 .*1ˢ - ˢ,+ -ˢ41* 8ˢ3+ ˢ,/,+ .61ˢ41 - *1ˢ3+14ˢ
- 1 21ˢ5 .0504 6+8ˢ:0* 0ˢ 1*ˢ516:) "06ˢ12 03+ + -ˢ1 - *0ˢ0ˢ5 1" /0ˢ ++ -ˢ406+"0 +
/,+ .6 2*0 -ˢ *ˢ 50, , -ˢ.,,05 6ˢ5+ 5+ .6+8ˢ< 06 Uˢ=.*90ˢ3+.0ˢ "" +8ˢ 0408ˢ0 6ˢ.4ˢ".0ˢ
;. -ˢ 0" 4.ˢ%0 " + -ˢ,1*60*4 6ˢˢ+2ˢ5 .0 4 . + -ˢ. - ,.660*+.6+ -ˢ,6.4ˢ0/6 0 - . -ˢ
0,0 6.6, -ˢ.4.4+ -ˢ 050 6ˢ,.+ -ˢ,.61 + -ˢ06ˢ1: "". + -ˢ5,"" + - 0 +ˢ: 6. - - 0 0ˢ
61"0 .*60 -ˢ"0:0 6.60ˢ5 .0 04 ˢ3+ˢ - " 60 -ˢ5.2+".6+ -ˢ0/ 0ˢ5 17 202.6ˢ50 ,+"+ -ˢ
+6ˢ. 02.6ˢ.2ˢ * 4 .*6 2+8ˢ:0 6+8ˢ< 0ˢ:0 .ˢ*0ˢ +908ˢ3).8ˢ *60 0.ˢ + - - .ˢ4 " 90*6 .ˢ
,1 " 9ˢ06ˢ. "0 :. ˢ,+ .2.6ˢ" ,0*6 5 0ˢ,1* + - 0 0*6+ ˢ 18ˢ 1".6+8ˢ + 6.57.8ˢ06ˢ,1 - ˢ
- 0.6+ˢ 0, 0.608ˢ,+ -ˢ - 0" 1 0ˢ 50ˢ *ˢ51 60 + -ˢ0 "0ˢ<+ " 06ˢ2 4++ - %0 " ˢ,1 - - 1ˢ
6 .6 8ˢ50ˢ,. - 518ˢ 2<,418ˢ 60ˢ7.2+6ˢ ,+*4.ˢ, ,+ -ˢ 0 1ˢ06ˢ ". - - .ˢ40:. 6.*8ˢ
6.*6+ -ˢ 05+",7 8ˢ - .<1 + -ˢ(- 1* 8ˢ3+1ˢ5 - 8ˢ,. 6 8ˢ:0* 6ˢ5. , 6+ -ˢ $1 6 4 0ˢ
50ˢ"1,.ˢ *.,,0 .ˢ06ˢ - 1*6 2+8ˢ.,ˢ:."" 2+8ˢ,1* .91 8ˢ - 504 6.ˢ0/0 , 6+8ˢ4+4+8ˢ.,,0ˢ
40*60ˢ.4ˢ." .8ˢ4 ,+"6.608ˢ40* - .ˢ* :0ˢ3+.0ˢ :0*61ˢ: 2 .6.ˢ *,040*60 8ˢ - +"6+ -ˢ
* 0 6.2.6ˢ.401ˢ+6ˢ - +"6ˢ,. - 0" ˢ03+ˢ.,ˢ - +" ˢ - +"6ˢ06 . -ˢ71 - *08ˢ6161ˢ6 4+1ˢ50ˢ
/ 0 *6ˢ5"0 3+0ˢ,1*60 - 561ˢ * 4 . + -ˢ50 ,+"1ˢ12ˢ,1,"ˢ *<+ . - "1*90ˢ.ˢ,. 6 8ˢ 0ˢ
,0 + -ˢ3+.0 0*6 2+8ˢ *40ˢ1,,. 1*0ˢ .56.6.ˢ E01 9 .*ˢ"1,1 . -ˢ9*. ˢ *ˢ 0,+ 18ˢ
I *;.4+*6ˢ06ˢ . ".*0 -ˢ5 .0 04+ -ˢ71 5 6 1ˢ0/++*6ˢ1,, 8ˢ - .*, 5 8ˢ06ˢ1 - * 2+8ˢ - ˢ
504 - 0*6 8ˢ"1*90ˢ5 06 2 " - 8ˢ .56 8ˢ 5"0ˢ: /ˢ +50 :0*6+ˢ .".0ˢ03+ 6+ -ˢ5 .061ˢ
.*1 + -ˢ5 .0 04ˢ50 ,+"1ˢ0 056+8ˢ.4ˢ60*61 + -ˢ .*ˢ5+ 5+ .6ˢ 0ˢ 0,05 6ˢ *40ˢ
.4ˢ + ,.". -ˢ5 1 - 16.ˢ,. 6 .ˢ5"0 3+0ˢ0ˢ . - +" 6 1ˢ5.2+".6+ -ˢ4 - "" 8ˢ %+ *ˢ"09.6ˢ
.ˢ3+14. -ˢ(- 1* 8ˢ.9*.61ˢ:0*0 0ˢ:0*6+ + -ˢ0+ -ˢ. - .*608ˢ ˢ 6.ˢ + 6.57.0ˢ5".ˢ
,0 06ˢ + - ˢ 2ˢ5".,0 0ˢ 0 51*4 06ˢ5+ 5+ .6+8ˢ*1*ˢ6. - 0*ˢ""0ˢ,1 - 5. + 6ˢ"09.61 ˢ
3+0.4ˢ0/5"1 4+ - :0* "%0ˢ51 60.,1* 6 6 6ˢ3+1 + -ˢ *4 , 1ˢ3+ˢ5.2+".6+ -ˢ - "ˢ
, .*6ˢ.4ˢ+*+ -ˢ 0 0ˢ,.0 ˢ +*6ˢ 6.3+0ˢ - .9*.ˢ1 - * + -ˢ 0 + -ˢ50*+ .ˢ.2ˢ" .ˢ4 0ˢ".ˢ
21 .: 6ˢ0/0 , 6+8ˢ50ˢ * 0 6.ˢ"0 - 50ˢ"1,.ˢ *,040*8ˢ41*00ˢ.4ˢ 040 * 6 8ˢ 09 *.,ˢ
0 850 :0 6ˢ+2ˢ *60ˢ.*9+ 6 .8ˢ - 1*6 + - ˢ3+.8ˢ ./08ˢ **+ - 0 8ˢ9; 8ˢ *ˢ 0ˢ 0ˢ
"0/+8ˢ 0,.6ˢ ,+ -ˢ .91 0ˢ *60ˢ ./.ˢ5 1:1"+6+8ˢ50 *14.*4+ -ˢ + 6ˢ $1 6 4 0ˢ50ˢ
.2 - 56.ˢ06ˢ - . 9 *08ˢ9"., 0ˢ"+2 ,.8ˢ *,040*608ˢ - +"6ˢ,. - 0" ˢ03+ˢ.,ˢ - +"ˢ5 .0, 5 ˢ
6. +*6ˢ %.*40 -ˢ.4ˢ "6+*,.". -ˢ 09+"1 + -ˢ "" +8ˢ"1,ˢ 040 -ˢ:0*6+ - ˢ+2ˢ51""ˢ 0/ˢ
4 0 - *ˢ".21 08ˢ06ˢ0/6 0 - . -ˢ50*+ . -ˢ20*0 , 1ˢ 040 * 6 8ˢ0/0 , 6+8ˢ,15 1"2ˢ,1 - ˢ
- 0.6+ˢ +2"0:.6+8ˢ0 6ˢ 2ˢ.4 + 6.57. -ˢ:0* 6ˢ: 4+.ˢ,+ -ˢ "0/.*4 1ˢ "1ˢ - .<1 0ˢ
3+. -ˢ50 71*1 ,0ˢ)"0ˢ.,,056. -ˢ.4ˢ".6+8ˢ"040 0ˢ<+ 6ˢ. ,0 61ˢ .*+,, . 0ˢ3+ ˢ
3+. -ˢ20* 9*0ˢ616.ˢ0/504 6 1 0ˢ ".ˢ.2ˢ5 1ˢ.,,056+8ˢ0 "06ˢ,1 . -ˢ - .6 0ˢ60 6.6+8ˢ0 6
*40ˢ. 056.1,,. 1*0ˢ + " .57. ˢ "0/.*4 + - ˢ51""ˢ20* 9*18ˢ. - 5"0/+8ˢ+6ˢ.5+4ˢ 0ˢ
0" *3+0 06ˢ 040 - 6 -ˢ 19.: 6ˢ3+14ˢ. - 218 .6 08 1* 6.*6 *151" - - 660 0ˢ40ˢ
, 0: "06ˢ,. *ˢ" 6. 8ˢ3+ 2+8ˢ - + .670 -ˢ40ˢ - .6 8ˢ.,ˢ "1 + -ˢ 40ˢ,0 6 1 0 -ˢ ., 02.6ˢ
06ˢ1 - ˢ71*1 8ˢ06ˢ20*0:1"0*6<.0ˢ90*0 0ˢ+6 + - 3+,ˢ,1 - 5"0/+ + -ˢ. - .2.6ˢ 4ˢ06 ˢ
.09 0ˢ.+4R06ˢ6. - 0*<+/6.ˢ5 +40*8.090*0 1 . 10 - *.ˢ,+ -ˢ 0ˢ3+. - : 8ˢ 6.6+ˢ 20ˢ
. - ˢ6. - 0*ˢ.4:0*6+ˢ.4ˢ6; .**+ -ˢ +1ˢ" 20 6.60 -ˢ5 6 *. -ˢ,+ -ˢ0 : 6+60ˢ,1 - - +6. "0ˢ
06ˢ<. -ˢ."60 + -ˢ0/ˢ " 8ˢ *% ,1 + -ˢ5160 6.60ˢ0 "0ˢ ,0 *0 06ˢ:+"6+ -ˢ,1 - 51 + 6ˢ06

?)+ . & C

& ' . J04.6.'R06 6 .0' 9* ,.6 1*0',+* 6.' +.' *' - .67 8' 40' +6+ .5 1 - 6'<06' 6 - *
G ' # ' 3+0' " + - ' 3+. *41' ." +4' *1*' 5160 . '21*R.6' 5+ 5+ .6' - +"6+ - ',1*. - 0*4.: 6' 6.'
4 - " .' 040 6 6 8' 06' 51 6' 2 4+ '3+ 060 - ' - "R '11*, , .* 6.57.8' . . - ' :0 +8'
60 ' *60*4 6' <. - ' .2' 71 60' 0,+ 8' 1* * 2+. ' 6.' +6' 1"+6 8' 1 4 * 2+8' 06' 3+1' ,1 - - 1 '
4 1 2+8' 71 5R 8' +60 0*6+ ' .9 - *. 6 - ' *,040 0*6' $ - 8' , . 6 8' " , . - ' 0<+ 40 - '
4 6 1* 8' , . 60""+ - ' :0*6+ - ' + - ' *1*' . - 5" +8' ,+ - ' 71 6 2+8' .+6' ,1 - - 0.6+8' 50*+ .'
* " 6' 08' 0 06' ,+ - ' 91 0' 40 *,058' ,64.*4+ - ' + 6' - +"6 3+0' *' : .'40 0,0 - *6
& ' .' E01 9 .*1 + - '60 61 109 0 " ' 2 4+ ' 6 *0 0' # +, . 4. ,7. - :0 ' '
*, +*6' +2' ' . - .4.*+ - ' 0 6+ - ' 3+14' 7. 60*+8' *1*' 516+0 .*6' 1" 6 8' ,0 0 - 1* 8'
, ,"02 . +*6' 06' *40' 3+. 6 8' , . 6 8' C + - + - ' - .9*.' 1 - * + - ' ".06 6 .' 50 :0*0 +*6'
4 "2"+61' - 1/' 0/0 46+ ' *40' + 6.57.8' .4' - + .670 - ' 4.6' " 60 .8' +, ,0 "+3+0' 0 + - '
' - .<+8' .+41 '%0 " " + - 3+14 . - . ,1' + - - .' : . 6.60' ,1 - 5. .2.6' .' 0' 1, ,+5.6+6 '
. .2.6' 4+1' - .9.' 5 .0" .' ,+ - ' $0 8' . 6.8' E01 9 .*18' .4' 12"03+ + - ' .4. 618<'
6+ - +"6+ - ' .'5 . ,61 .* 8'. ,'E .0,1' - " 60' 0< , 6.6+ - '06' + - - .' 0" , 6.60' ,1 - 51 6+ - ' '
. ,0 .' .4' 0 - '0/ 6 +4. - ' 06' 5 .0 4 ' ,+ .' 7. 6.0' 5+ 5+ .61' ,1 * - ". ' - .6. - ' '
0 20*60* + - '06' (+ - . ,7 .*1 + - '5 150*". - ' 1204 0*6 . - ' 3+ 2+8' - .*0 - ' ,+ - '
+ - - 1' - 50 1' 5 .051 + 06' 8' .4402.6' 62' : 40 ' 0' 0' 0 "0' +6' . .' - + * 06+ '<'
3+ X@50' "1,+ - ' 4 0' 1551 6+*+ - ' .4' 0/0 , - - '50 ' - 0* . - ' 06' E01 9 .*18' - - 6'
60*4+ - '0601 - - 0.6+' . ,'1 - * ' 0' .2+*4. 0' %+ *' . - .74.638' .4' $1 6. - ' "0/ .*4 + - '
06' .*+,4. 0 - ' 040 - 6 8' " 18' 5. 0*6 8' 0601 + - ' 40' - +"6+ - ' ".+4.6. ' ,1 - - 0. j'
4.6' * 1* 61' *60 - ' - + .670' +6' .*+,4. 0 - '5 .0' "0/ .*4 1' ,1 - - 0*4.6+ - ' 7. '
20 06' 0+ - 3 0' .6 ' *' 09*1' 5 .051*0 06' *. - '06' " + - '66 .9 8' 0*++ - ' : 40 ' +6'
3+ ' 0' +"6 1' *' 5 1: *, .0' *9 0 (+' - " 6.6+ + - ' 126+" "06' ' 06' *1*' "0:0 - ' +"5 , 1*0 - '
0 "0' "0/ .*4 + - ' ,+ - ' 8' 3+ ' 5.2+".61 08' *60 ,05, .*6' *' 1, ,+"61' ,1* 5 . "0 '
G+ 2+8' " 60 8' . , ,056 8' - + .6708' - +"6+ - ' 12' 0890 6.8' 9.: +8' 0 6' 06' *' 51 6, + - '
0 + - ' - .9*. + - ' *' 50 - '0 0 6+8' ,+*4.' .4' 6.76+ - ' 20""+ - ' *0,0 ". .' +6' 4 " 90*60 '
5. . 0*6+ ' ,+ .: 6' ,1*) 8' . , - 1*R 8' *' ,1 - - 14+ - '60 - 5+8' 0 0 : .6 8
& ' # ' 51 6' + 6.57.0' 4 ,0 "+ - ' - .*08' %.6. 18' $ 0,15 0* 0 8' .+/ '
" . 0 85 .0 61".2.6+ 8' 40' 3+1 + - ' 1 9 *0 ' *1 2+8' 6. - ' 41 - ' 3+. - ' *' 70""1 ' '
5" *. ' .*603+. - ' +"6, +8' 5 19 04 . ' 3+.04. - '5 .0 - 660 0' 5 06 + - ' 4+/ ' $0 ' : . 6.8'
(, ;67 .0' 2" 6+4 *08' .4' 0560*6 1*0 - ' 526 04.8' 7.2 6.*6' %.6. ' *' + 15.' 06' .<'
3+ 2+8' 1" - ' +*+8' 7.*+8' :0' 41 - *+8' *+*,5"+ 08' , "%1' - 50 1' 41 - *.*6+ '
$ 1/ - '$1"1* 8' +*6' 3+18' 06' ,1) 6 *+ 8' 0/,+ 1* 2+8' :0/.*6' $ .0,15 0* ,8' + 15.0"'
%.6. ' 3+ ' *60 ' U%; . - ' 714 ,' 0 60 + - ' 4 4+ - ' 06' 0 . .2 .0' :0' &.". ,7 .0' * '
0 1 8' - 1*608' ". ,+ - ' '& :14+ - '06' ."19 14+ - ', : 6.60 - ' .4' 5176+ - ' +/ *+ - ' 7.B
2 6.*6' 06' + +86 .*8' %; . - ', . - 518' : . 618' *60 ' ,+ - '06' D 19+ - '1, ,+5.*6' *' 3+ 2+8'
' ,1: .' . /' 155 41' ,0"02 ' ,1*<+* .' "2 15 " 8' 1" - '$" * 1' 06' $61"0 - .01' .550" '
".6. ' .4' 8 1 ; 670* 8' .5 4 " - ' 06' ".6 " - ' 1 6 + - ' 6. ' 3+. ' *' . 4* 6+ - ' *+ - '
* "+ 6' (+5 .' ,1: . - ' :' - "" . 2+8' 19+8' 1 ; 670*0' 0/, 5 6+ ' 3+ ' ' ;5.* 8'
0 6' +6' .+6+ - .6' . 6 *+8 1* 1: +8' ,1 90*4.0 - 6$61 0 - . , 6.2+ .0' 3+.0' ; '
5.* - ' 6 .*8' 1 ; 670*, - ' 1 6+ - ' :0 "+8' 51*+*6' ,+ - ' 19+8' .4' 1, , . - ' 1 ; 670* '
* "+.6' *' 8' 1" 6+4 * 2+8' I' (.+ .*0* 08' , . - 5' 4' R, ."" ' +*6' 066 .*8' 1 ;' 670*0 - '
R' "2: 0* 08' .2' . ,0' 06355 41 4 4 ' 3+14' *' .+, 2+8"%.*. 8' 3+ 0 6 1* +8' 714 ,'
3+.' W .016 40 - ' 5."+40 - ' *9 04 6+ ' 51 6+*' 0 6' *' 8' .4' 50* * ". - ' + 3+0'
3+. - ' 1 - 1*' ,7 ""0 ' 1" - ' :1, .6. - ?' 1 ; 670*08' 06' +2<04+8' . 4* 6+8' *+('
0 , +*6' 50 ' 6+9+ .' . ,' - .5." .' ,/ , 60 ' / / /' - "" . + - ' 5.6 1' ".60' %.6. ' 7.2 6.*6'
8' .4<. ,06%.+ , .' 70 1*0 +8' $0"151**0"2' 5.+"1' - *1 ' 1" - ' 0 6. 0' 2 ##
' ' (' '

% $ ' D% .' . ' '> ' ' " ' ? ! ' ' ' .' 6$
') .# U' $' ' ! ' ' ' ! B ' .'. ' ' + ' ' '-
.. ' . $' . .+0' N' > ' ' ' I

') 0 F

609 1 06 - - .* 71 - *08 - .4.*4 06 *. - 1".*4 - * . - 8 * '%0;*? .) 42+8 &
V$ 0,15 . 0 6 . 3+. $ 0,15 0* 08%. . .550"".76+ 0 .4016 8 1" - +6 , 04 6+ ' #
40 * +5.61 . 06 $1 - 50 151" 8 4 4. *3+. 7.* %.6. 1 + - $.".6 *+ - 0+5 .0
40* 3+0 * "" 09+ - :1,.*6 50 506++ - 7.20*6 3+ 1 ; 670* 8 06 %.*. 8 6 .
<0 6+8 0 :.6 - 1 .44 61 5 .0 4 1 06 1 . 4+4. * 3+. / : 6+ 08 0/, 6.6.0
?(.,7 20 0 1 7.*1 * 50* * +". - 50 .*60 3+ %.6. 18 ; 1.9 0* 0 8 * .6 ,.
%.*. 8 5.40 - 50 1 "" ,1*6 1:0 . - .40*60 8 * 9* . , - 0 - 1 .2 " ,".40 .4
$ 0,15 . - 1" - 5 1 " 9.: 6 1 ,+ - 7.*+8 0/504 6 1*0 - ." 3+. - + , 5 6 ,15 .,
,1*:0* +*6 < 04 *+""+ - * ,1* +"61%+ ,1 + - - 50 .61 0 06 ,1* 0*6 0*60 20""+ -
+ , 50 0 E7.*+8 %.+ ,+8 5160 6 * .4:0 +8 1 ,+ - 51 63+. - (0" - +8 50* *
+". * 5160 6.6, - 04. 6. 7.*18 $ 0,15 0* 0 8 <+ 8 671 - .* , 0, 6 * 3+.
5 .060 $ 0,15 . - 4 9* 6.6, .*6000"" 6 0,,. . + - 5 *, 5+ - 41 - , " 1 ,". + -
,+ 3+. .47., 06U(.".6 ,. 06 - 14 ,1 *60 ;.""1 (1 6. +8 5.9+8 .4<.,06 "09.61 + -
3+ 0/ $1"1* . 1"4.: . 1 , . .4:0* +*6 4 :0 1 1 0"02 8 +2 5"0 3+0.E0
+0 2+8 1 9 *0 - 4+,0*608 .040 - 7 6 .* 8 ., 8 * 6 .6. - 03+0*6.*6 *,
1 5 1,+"d - 0* 8 . / : 6+< +2 . 90*601) - *+ - - 1 + - 1 , *. 0 6 . -
.+ + - 1 - *0 %+ , 8 0/ ,1*4 6 4* 2+8 5., 8 . (0" - 1 51 6 4020"".618 %.6. 18 4.6.0
04 6 140 - 51 1 * 155 41 . / 0 6 +2 (. 1 , 5 *, 50 - :1,.*6 * 2 0""+ -
5 1 , ,0*60 +/1 08 0<+8 ,+ 614 +*6+ (0,+*4+ - 6.8 + 208 704 60 .*0.8 5 .0
, 5+.0 +*6 <) /6. - . 0 . . 1" - %70144 . E0*+0* + - ,1"1* . 51 6+ 06 ,1 -
- 0 , 1 * 9* 8 3+. - ,1 - - +* <+ 0%+ 4 ,+ - %.6. 8 .4 - * 6 .*6 * 60 - 5"1 *B
90*8 2 40 - 06 5 06 1 . :060 + - " 2 1 + - +50""0/ *1 6 . .47+, - 0 - 1 . 0 .6 41*00
6." ,1 + - .,0 416+ - :0" 2 4 2+8:0",1*6. - *.6. : 6. 0 0 6+ - 0 6 +660 - 5"+ - .4
- 0* 18 6 .*8 0 06+ 55 4. 40 *40 *+ - 0 .*6+ (+4.9 . 6 2+8 . , 2+8 - +* 6.
? .".,70*+ - #A. - 21" . *90 - 0*+ - 1 +*. 3+.0 06 70 1* 6. . - , : 6.8
.550"".2.6+ 1" *. 5",*41 0 .04 6 , 1 + - - . - 1 0 8 - 1" 2+8 ., 60 - 5" 8 09." +
50 2 . 0".21 .6 8 ,1* 5 ,+. *+*, - 40 2+8 ., - * 8 40 1 - 8 . <51 6.6 8 . %+ , 8 06
." 8 : , 2+8 *.6 1* 2+8 7+0 ""+, - . - 1 0 8 06 .0 0 8 . 150 8 ,1"+ - * 9 06 .
7 6 .*1 + - 3+ 40 - 0" 3+ 8 3+.0 * 2 +*6 ,1* 6.*60 5 14 6+ &"14 - + -
1/1".*1 + - 5 *, 50 - 4+.8 51 6.8 ., 8 1 *67 06 - .9 *08 0/ - 1*. 60 60 - 5"1
5 .04.0 "1,1 .2".6.8 0,+ - S 1; . - 4051 6.: "0 ' 3+.8 1"0 ".+8 $1"1* .0 0/
51 60. *40 E 0 *. - +2 .4 - .<1 08 606*5" &.":.8 724 0 : +*6+ 6 . 6+"0 6 &"1
4 - - - .+60 - " + - 0. * + 20 - <1.** = - ,.0 1* 6.*6 *151" 6.*1 - 50 .61
5+ "0 3+. - . + 06 2* 6.*6 * + 61 + - 1 1 0 **. * +/1 0 - .,,056.
06 ., 8 7 6 . * 8 6+ E .0,1 + - *0140 - - 1*. 60 1 . 5.6 . ,7. 3+14. - * 6 .
6+8 51 60. 0 6 6+0 6 *60) 20 - 5 1 - 1*64 + - 0 6 D$. 670* +* (6 .21* 4 6+ -
,6 51 60. U . 9+6 + - :0 U .*,15 . 06 +"6 - . . 4* 6+ - *+ - 0 5 , 0*8] 1 "1
: . & *+ - 70 , *+"". .47 2 6. ,+ . ,15 4 0 0 0 0 6 ' +908 *+""1 ".21 0 3+.
51*60 5 1:07 +*6 < 9 2+8 06 . - 0*6 8 * 50* * +". **+ - 0 8 5. ,+. .2+*40 +5
506+*6 : 0 00*6 2+8 06 . - 7;06*0 5 .6 8 3+ 550 ,+6* .3+. *0, 9"., 0 *0, * :0
X@ + *.:0 ,1*, 0 ,.6 3+1 ,10" 60 - 50 . - 0*61 10,+*4 6.8 1" - ./ - 0 .4<+:.6+
J +4 2+8 . .6 - "+55060*6 2+8 *1* 1"+ - - 14 ,0 04 06 . - *6 . - 14+ - +6+*6+
06 +9." 6.6,:."06+4 *0 - . . **.6. - 1 6 6+4 *0 - 6+0*6+ .2 1 - * "+/+ 0640"
,.61 : 4+ ." 0* .63+0 .401 02 06.8 *60 018 9 .:0 , - 0* ,0* 06+ .4+"60 .
:0 1 3+.0 "+/+ - ,1* 03+ . - .*6 ,.5 60 5+* +*6+ * , :) .4 - * 6 .6 1*0 4+1
).

. + 8 "B2)'1" ,+ >
- ! G "4" 4 DL# 4 / + .' .' ! 'B % +
+ 8 V?+ % .' ; - L 08 %+ ,8 ". *1 - - 0*6 +
" D ' . 6

% # .".,70*+ - ^ A. - 21" . 0R +*0 - 0" *0 : ""0< ' " / 8 28 8 E .0, 8 3 / " " 2
3+. 5 , + - . ,0 - ; 2$

ʿ ʿ ʿ ʿ -
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& ʿ " .ʿ<+ 6 6 .0ʿ,1"+ - * .ʿ+6ʿ*0ʿ,+ʿ*1,0.6+ ʿ06ʿ,1 - * - * ʿ+6 " 6.6ʿ 0 : .6 ʿ 0" 9 1 "(- ,

ʿ 1 - * + - ʿ 0 - * 6ʿ< ,6ʿ3+14ʿ - .9 8ʿ - 0 8ʿ *6. - ʿ . 2. .ʿ06 0 .90* 0ʿ 20"" 8ʿ065 .04 8ʿ
. "+06. ʿ *+"".ʿ ".6 1, * .ʿ .+6ʿ + 6.ʿ *6ʿ *+"".0ʿ 08ʿ .6* ".0ʿ 4050 4+*6+ ʿ .401ʿ +6 *
1 6+4 * 2+8ʿ "" 8ʿ 60 ʿ .,060ʿ 3+. - ʿ *ʿʿ ,3+0*6 " - 8ʿ 09 1* 2+8ʿ 06ʿ + 2 2+8ʿ :0 . ʿ
5"0 + - 3+0ʿ 6ʿ 6+6 +8 ʿ 3+ 40 - ʿ .5+4ʿ 018ʿ ,+ - ʿ 60"1ʿ . - 2+". *608ʿ 6. *3+. - ʿ ,. ʿ ,10 ʿ
,0*6+ ʿ 060 .ʿ , - * . ʿ < 0: 2+8ʿ 40 * 6.ʿ " 2+8 ʿ 3+. + - ʿ ,+ 614 .06ʿ *60 5 06.6 1ʿ
50*08ʿ .7+ - 06. * .0ʿ 04 .0ʿ .,0 41608ʿ 0 6ʿ 0:0 0ʿ : *4 , .*6+ ʿ ? 7. *+8ʿ 5 ,< 3+ ʿ06ʿ
(. - 8ʿ 4 , 6+ ʿ *ʿ<+ 0ʿ 4 ,+*41ʿ . 6 4++8ʿ 0 6ʿ ,+ ʿ .ʿ 4 , /6 .ʿ E ."9. ʿ 6.ʿ - " 6 . ,ʿ5 .0 04+8ʿ
:1, .6+ ʿ 3+0ʿ - . / - +8ʿ * .6+ʿ .60 ʿ (. ʿ 0 6ʿ .ʿ * 6 .ʿ 1"4. * ʿ 3+ ʿ " ʿ5 * , 5 8ʿ +* ʿ
,+ - ʿ 5 - + - ʿ .41"0:0 +*6ʿ ,+ - ʿ ." 8ʿ 0* .61 2+8 ʿ 3+ ʿ 6." ʿ 4 ,+*6+ ʿ <+ ʿ 4 ,+*41ʿ
. 40 0ʿ 1"0*6ʿ 3+1 + - ʿ 19.6 8ʿ 0*60*6 8ʿ ""0ʿ 40 ,0 " 6ʿ *0,ʿ* ʿ * 6.ʿ " 0ʿ *40ʿ 5040 - ʿ
,+ 3+. - ʿ - 1:0 0ʿ " ,06ʿ (+*6ʿ 06ʿ *ʿ 155 4 8ʿ<+4 ,08ʿ U .<1* .6ʿ : +"91ʿ .550"".6 ʿ 3+ ʿ<+8ʿ
*60 ʿ *12 "0 8ʿ + 18ʿ : +"91ʿ :1, .618 4 ,+*6ʿ 06ʿ - 0*" .0ʿ .ʿ5 *, 50ʿ .47 20*6+ ʿ 3+14ʿ
: 6+6 8ʿ 5 .0 - + - ʿ *ʿ - 04 1, 2+8ʿ 71 - * 2+8ʿ - * - 0ʿ 50 : +"9.6+ ʿ 060 + - ʿ 0/ʿ 8ʿ
- .<1 0ʿ *ʿ 4 9* .6 1*0ʿ 6 *6ʿ 3+ ʿ 5"+ 08ʿ , .56 :18ʿ 51 40*6Zʿ + - ʿ - 1 + *6+ ʿ . - .ʿ
5 .0 6. *6 1 .ʿ ,+ - ʿ 03+1ʿ 5 .0, 5+1ʿ , .5 6ʿ " +8ʿ * .6+ʿ - . / - +8 ʿ 0" 3+ .21* .ʿ *60 ʿ " 18ʿ
.03+." 60 ʿ 4 : 4+*6+ ʿ 6460".ʿ .4ʿ 5.6 +18ʿ 40".6. ʿ \$ *, 5 8ʿ .60 ʿ 3+0 *ʿ : 6+6 8ʿ 15 * 1*0ʿ
<. - ʿ . *60 ."9. - ʿ 40 9* . :0 +*6 4, ,040*60(. 1 .4ʿ 09 - - ʿ :1, .6+ &0" 01ʿ 40 , 0*60 ʿ
" +8ʿ 40 +*4 ʿ * .6+ʿ - .<1 ʿ ,060 8ʿ 5 .06, ʿ 1"4. * ʿ *1 - 0*ʿ 71*1 0 - 3+0ʿ * +"".ʿ 5. 8ʿ
4 6 1* 8ʿ 06ʿ - 50 ʿ ,04 6ʿ $ *,058ʿ .+60 - ʿ 5 0ʿ *+"".ʿ5 .04 . ʿ *+""+ - ʿ 0/ʿ .9 8ʿ :04 9."ʿ
.0 . + - :0ʿ 7.206ʿ 5 .060 ʿ 03+18ʿ 0/ʿ *9+" 8ʿ 1*6 2+8ʿ *9+"18 ʿ 06ʿ 51 65 . ʿ 3+ .0ʿ 0 ʿ
,+ - %+ , 8ʿ ,1 - - +* .ʿ 1*6 ʿ - 06."".ʿ 60 - ʿ 5 .060 ʿ .+ + - ʿ 3+14ʿ 0/ʿ 1040 0ʿ %+ , ʿ
0 6ʿ 0<+8ʿ 5 15 . ʿ . , ,040*6 2+8ʿ .4ʿ 7 .0, ʿ40, - 8ʿ 0/ʿ 5 .04 8ʿ 1 - * 2+8ʿ< 60 - ʿ 0/ʿ *9+" 8ʿ
, .56 : 8ʿ - .<1 8ʿ 5 06 ʿ * ʿ 0/ʿ : " 1 2+8ʿ *9+)ʿ .+ 0 ʿ 1+ʿ ,703+ * ʿ 7. *1ʿ 50*4+*6+ ʿ
**1* . - ʿ 515+"+8ʿ 41 - ʿ 06ʿ *ʿ - " 6 . - ʿ 51*60ʿ +5504 6.6ʿ 0/ʿ .0 . 1ʿ 06 . - ʿ %+ , ,1ʿ
3+ *3+ 08ʿ - ""0ʿ 06ʿ 5ʿ .+ 018ʿ 3+16. ** 8ʿ . , , 5 6ʿ " 1ʿ 12 40ʿ 4 .61ʿ 8ʿ 60*+ 2+8ʿ 15 2+8ʿ
- - .*0ʿ 3+. *6+ - ʿ : + - ʿ 06ʿ ,15 . + - ʿ + 60*6.6+ ʿ 3+ .0ʿ 1 - *0 8ʿ 7 6 .*18ʿ 0/0 , 6 8ʿ
* - 0 1ʿ : *,+*6ʿ 60* - ʿ ʿ 04+,0 0ʿ 0/0 , 6+ - ʿ 0 6ʿ 15+8 ʿ ʿ ʿ 03+ 6+ - ʿ *ʿ * ʿ
9+" 8ʿ 9+ 8ʿ 6. *6+ - ʿ ," 4 8ʿ *9+" 8ʿ : 8ʿ 3+ ʿ 1,18ʿ 06ʿ". 08ʿ 6+0. *6+ ʿ ,0"0 " - 0ʿ ,1* ʿ
;0* + *6ʿ 3+ 2+8ʿ ʿ , ." ʿ 06ʿ 6 . , . * ʿ 0ʿ ,1*<+* /0 *6ʿ +6ʿ 0 0ʿ 1"0*6ʿ 2 8ʿ ,0*6+ - ʿ
0 - *6ʿ 06ʿ . - 5" +8ʿ * "" .ʿ (ʿ 3+ 8ʿ .4ʿ 4 0 - ʿ *4 4+ - ʿ *1*ʿ ,1* :0*0 6ʿ , .5 6."0ʿ 0 6ʿ
(*9+" ʿ 51 1ʿ 5"+ 0 8ʿ 03+18ʿ 4+,+*6ʿ "+ 3+0ʿ 12 61ʿ *,ʿ 5. ,+.ʿ : . 60*6ʿ * 2+8ʿ 0/ ,+ jʿ
+*6ʿ .**1* . - ʿ - " 6. 0 - ʿ 6 + - ʿ - 0* + - ʿ 1,+ - ʿ 51 6. *608 ʿ , . *0 - ʿ 4 ,06ʿ 0/ , , . ʿ
6. - ʿ ."" + - ʿ , . 1+ - ʿ 70 2. + - ʿ .4 ,08ʿ 3+ .8ʿ . 1 - .6+ - ʿ "1,1ʿ 7.20*6ʿ< 06ʿ .ʿ *1 6 8ʿ 401ʿ
%.6. , .0ʿ : +"91ʿ :1, *6+ ʿ 4 6 1 08ʿ 06 . - ʿ 50, 08ʿ ." .8ʿ .44+*6ʿ 0ʿ 5. *0ʿ 06ʿ; *1ʿ 1" , 6ʿ
*1*ʿ 1*6ʿ .3+. - ʿ 06 . - ʿ *+"". - ʿ 120" 0ʿ 51" 0ʿ 0/ 6 - .*6ʿ ."" 1ʿ 5 +8ʿ + - 561 ʿ 9* .ʿ
3+.04. - ʿ 06ʿ +*.ʿ ,+ - ʿ .**1* .ʿ +* ,1ʿ 03+1ʿ :07+*6ʿ 3+ 2+8ʿ * 6. ʿ 6+9+ ʿ 0 04 8ʿ 5."0.ʿ
+50 51 6.ʿ 1" 8ʿ . 21 + - ʿ .+6ʿ 9 . - *0ʿ 609+*6+ ʿ 3+ .0ʿ ʿ 40 0, , *6ʿ 406 .4 8ʿ 03+1 ʿ
+ - ʿ 057 55 8ʿ , .5 6. ʿ ," 3+1ʿ ,1 51 .ʿ *6041ʿ ,1150 +*6ʿ " 8ʿ 03 8ʿ 57. 06 .8ʿ 06ʿ
. ,+ - ʿ *51*+*6ʿ ." 18ʿ 06ʿ 0 0ʿ : " 1 08ʿ * 6 1ʿ . 10*4+*6ʿ 5" ʿ 40ʿ : .ʿ 06 9.6ʿ + - 561ʿ
."" 1ʿ 06ʿ 8ʿ 3+.8ʿ 4 / ʿ .4 , 2+8ʿ 5 1ʿ , 21+6+*6+ ʿ 06ʿ ; 0 Xʿ 0, 0. *6ʿ 7. + 61ʿ 06 . - ʿ 5 1ʿ
: *1ʿ .*9+ *0ʿ 06ʿ *60 4+ - ʿ 03+. + - ʿ ".40ʿ 3+14ʿ *9+". 0ʿ .4:0 +8ʿ . - 0 - ʿ 6 - ʿ
., 6+ - 3+0ʿ 5 ., 4 + - ʿ *ʿ 4,"", 8ʿ 7.20*6ʿ $ 1ʿ :0/ "" 8ʿ 4050*40*6, 8ʿ 0/ʿ 7. 6.ʿ , *0 8ʿ
.,ʿ 06.8ʿ 9, 6. *6ʿ 0/ ,0561ʿ 5 *, 5 8ʿ 9*1 ʿ 3+14ʿ .ʿ + ,1 + - ʿ - 50 .61 0ʿ . , ,056+ - ʿ 0/ʿ
71"1 0 ,1ʿ 5 .0 0 ʿ 1",6ʿ *60 ʿ *,040*4+ .ʿ *+""+ - ʿ . , 0 ʿ .9 - * ":0ʿ 1 4 *0 .ʿ 1 ʿ
: . *6ʿ 3+13+1:0 +8ʿ , ,+ 1 0561ʿ 5 *, 50ʿ 9"12 ʿ * 6. ʿ 3+1ʿ 5.2+" ʿ ,15 .ʿ +5506 6ʿ
5 1,04+*6ʿ *+"" 8ʿ 018ʿ "+ - * 2+8 ʿ 3+ .0ʿ : . 6"" - .ʿ 06 .5 4 " - .ʿ "" 8ʿ "1, 8ʿ 1*6ʿ *1"" 8ʿ
.3+. + - ʿ 9+ 9 6 2+8ʿ 6. 4. *6 2+8 ʿ 6.ʿ U6 03+ ʿ 06ʿ 71 - *08ʿ - +"ʿ * .6. *4 ʿ 50 6ʿ 1*6ʿ
6ʿ ʿ 3+ 40 - ʿ ."6.ʿ 06ʿ ".60ʿ 5.60*8ʿ .3+.ʿ +0 6ʿ , .+4 8ʿ 03+1 + - ʿ 057 55 .ʿ ,+ - ʿ 1 4* 8
.4<. *4 8

% $ ʿ .ʿ 60 ʿ 1+ʿ 2ʿ#)ʿ5 1 "#)$ʿ 2 >)$ ʿd ʿ

' #' . (

.4<+* 8 <+*,1 . -' . +*4 *+ - :0' . , ,+" 8' 3+ 2+ 4. -' ."" 9. *6' 5 ' <+2 8' 447.0' &
0*608' *+4 ' "./.61' .0*1' ."60 .' - .*+' : 9.' :0" 5 1' .":0' ,+ +' 3+. ' 9+20 *.,+"1' ' # ' /
3+1' *60*4+*6' 03++ -' - 50""0*60' 6 .* - 66+*6' (,+2' ,1*6 .' 7+ - " 1 ' .3+.' 12
6 90 6' *' 03++ -' 0/' "+ - *0' *) +*6' 5.+"+"+ - 3+0' *60 3+ 0 ,+*6' 4+ -' 03+' 5 6
6+ -' 4+,0 0' .,' 0 5 . 0' 51 " *6' $ *, 5' .+60 -' 6 .* - + 1' ,1**0/ 8' 03+1 + -' ,.+4 8
06.4<+* 61' <+*,1 + -' 5"0/+' 0408' 60 * 6+ ') 2 ' 06+ -' .+6' - . 0' +50 .*4+ -' 1,
,+ 6' 1,, " 8' 03+ 8' : " 1 2+8' 50""0 8' 406 .7+*6' 0/' 3+0' *:0 " 8' .,' 5 *9+04 *0
12" 6 8' 06 . -' ,1 6 8' 6 .2 8' "1,1' *60/6 8' * .: ,+".8' ,1* +60' , * 2+8' 00"0 60' ,1 1
,1* , +*6' ' 3+ 2+8' *9+" 8' 441* ' 71 - *08' ,+ -' 616 40 -' 0/6 .' +6 *3+0' .4' ".60 .
.66 . " 8' 03+ 8' 6 .* 51 6. ' 3+0+*6' (*' .+60 -' ,+ +8' 06' :07 ,+".' 6 .4+,0*4.' +0 *6
16 8' 0/0 - 56 8' , 02 18' <+*,1 + -' - .* 5+"18' :07 ,+" 8' - 52*+*6' 03+1 + - 3+0' ,.+4 8
.**0 6+*6' < .63+0' 6.' 6.*3+. -' *' *.: ,+". ' 50 61' *.6.61 0' 03+18' 4 90*60' 6 .< , +*6?
' (' 3+ 4' *' 6 .* - 660*41' 50 ,+"' *, 40 6' " 9*1' 0/' 70 2 8' 51" 61' 1, 18' 3+' 03++*'
6+ ' 5 .0 - 1*0*6' < ,+<+ - 14' *16 8' 06' *60 4 +' & .8' 4 6 *9++*6' *14+' +6' *.+6.0' *'
- . ' .4' 5. :. -' ;*1 + . -' 5 1 0 6 1* 8' ,+ + -' 4 90*608' - .' "" 8' *' + +' +*6'
. ,+8' - .,7.0 .' ,".:+8' 0 0+8' 06' 9"12+8' .' +*0' ." 3+16' +"*. + -' 50*40*608' . 6.8'
06' ,"1550618' *1 6 18 0 0' *09" 9+*6' *' 3+ 2+8' ,+ .*4 8' 5"+8' 150 .0' 3+. -' *' + +' +6 " '
6.6 8' 0 "0' ,0* 0*6' .63+0' .401' .4' :0*.6 1*08' 41* + -' 0" *3++*6' & 18' 3+18' 71 6 "'
*' 1"1' 12: 18' 1 J0*40 +*6' *0' 0/5"1 .6.8' 5 1 + -' ,15 .8' 0*+*, 0*6' 1 - *0 8' 1,, '
4+*6' - +" 0 08' 06' 5+0 18' *': 1".608' 0" *3+0D608' < *03+0' 41*00' 0:0 6.*6+ ' 40' ,.5'
6 : 8' .+6' 5 .04.' ".21 .*6' ' 04' 1 - * .' * ' 5. 1* 2+8' ." 60' ,.+6+ -' +0 6' 40:. 6.*6'
.,' 50 4+*6') 2 ' ,0 6. - 0*' *, 4 6' *03+0' 5 10" ' 1 6+*. -' 60 - 0 0' 60*6. 0' *0,' * '
20*0' 1 - *.6 8' 4 02+8' 50 ," 6. ' 2 0*6' ' .,' *+*3+. -' 0 0' +* :0 8' ,15 8' 40,0 *+*6'
04' 0 - "" ." 3+16' 3+' 71 60 -' :0" 6.6 1*0' 50 60*60*6' .+/ " .' 40 *,058' + 8' + - - 6'
6+*6' 3+. - 4 +' 0 - *+8' 5+9*. 04.6+ ' " *' ,1 - *+8' 0 6' *004"0' 71 0*4 8' ,". - 1 '
2+8' 04 6 8' 06' 40* .6 8' .9 - * 2+8' : -' ., +*6' + - ' 0' 90 6.' 41 - + -' 0:0 6+*6+ ' *'
* 2+8' .*60' 1 - * .' 0/' ,1 - - 6 * ' 5 .04.' 4. - *.' 3+.0' 1, .,,050 +*6 . 2 6 15 * '
, 5 8' ,1 - 50* .*6' 6+ *' 0 4++ -' *60' 0' .03+." 60' 4 : 4+*6' +2 ' "' 3+ 4' 3+Z' 2, 18'
,0".:0 6' 5 .04.0' 5. 60 -' ,+ -' : 6.' . - 66 6' 3+1' 6' +6' 40' : 61 .' - .9 8' 3+. -' 40'
5 .04.' 1" , 6' *0' G+. -' * 0 6' : , * 8' 06' *' 71 6 ,1' 60 2 "08' 6. -' 41 - ' 5.,.60' 06'
*60 ' 0' **1,0*60' 409+*6' < 067;0 - 0' 3+ 40 -' *' 6+9+ 8' :0' - .5." 2+850 :. 618'
""18' 3+18' 4 / ' ,. - 518' 0/' - .60 .' 60*+ ' " - 1 ' ,10*1' :0" 50,1 + -' 06' ." 1 + -' .* - .'
" + -' - 1' 12" 6 8' .,' ,1*60 6 8' 0' .' 91 8' . 50 6.60' 06' ,10"' *<+ .' 40 0*4+*6' * '
,+*60' 5 " ' ,+ -' +/1 2+8' " 20 8' 06' 1 - * ' . - " . ' - .*, 5 8' 50,1 2+8' 06' . - 0*6 8'
*' 41 - 2+8' 16+*4 8' : /' 3+ *3+0' 71 - *08' ,.5 0*6 2+8' 5 "0.6.' 60*61 .' :1,.6# .1 '
* ,+8' 7.",1*4;"08' 3+.0' 16 8' 4+.2+8' + 60*6.*6+ ' 3+. ' *' 5".+ 6 8' :.9.*6+' < +*40'
1) -' . - ./12 ' .550"".6 ' /' 0.' 90*60' 5 14 6' . - 1 " - +8' ""0' 1 0*6 8' :. 6.61 ' 06'
0,+*4+ -' 66 ". -' +**1 + -' 090 - ' ."60 + -' 0' ".90""+ - ' 2 . - 0 ".*+8' 71 - 1'
50, 0' 40 1 - 8' 06' ."60 1' 5040,".+4+8' *0,' :09061' .6 8' *90* 1' ' 3+ < ,+ -' *' . . '
- .* .' 0+' " , .' *' 071".' 150 . -')60 8' 4. 06' .' ,1*4 0 5+" 8' 3+. ' 50 ' "+4 2 + -' *'
"+41' 0/' 0"04+8' 0 6' ,060 8' 5+0 "0 -' 4 9* 6.60 -' 0 +6.*6 2+8' 3+.' ""0' 6. - 0*' <1,1' .,'
,056.' 51 60.' 0 1' + +8' 0 6' . -' .4+"6 1 ' *' " .' 1, 1 + -' 03+0*6 .' .* - 18' :0 0' 0'
9 18' + - 5 6' 06' ,1*6 .4 8' <. -' 50*08' 0' - .<1 2+8' ,15 8' 2".*4 0*60' " ,0*6 .' 06 . -'
- +"618,1 - * ' 3+' .<.C06' 6+*,' - " 6.2.*6' .4' 0' "+4 , ' 09*' 50, 0' 50""0/ 6' < 3+ B
2+8' 51 6 0 - 1' 0 - 8' .<.C060 - ' 3+' 5. :.' 7.0,' * 6 .' - 5 +40*60' ,1*60 - 5 0 .6'
51 6 0 - 1' .4' 5 50" + -' .4.4+ -' + + - 3+0' .,' ,.56+ -' 104 " - . -' 0 : 0' 0 : 6+60 -'
,109 6' G+14' :0 1' 0' " 60 . 1' "+41' 5 14 "06' 3+ 2+8' 40 -' * 6 8' 06' (, 1 + -' 3+'
+,' *' .+ 6.* .' 09*.*6' - 50 +*.' +*4.6+ .' 0 6' +6' +1' "1,1' 4 / - +8' ,+ -
%+ , , .

'% ' $ ' 2 ! ' $' ?

_ ʿ ʿ 5ʿ G -

& ʿ%+ , , .ʿ" *9+.ʿ%7 . - 0 ʿ4 ,0 06+ ʿ %. - 0 ". *+8ʿ .550"".6+8ʿ0 6ʿ3 . 6ʿ%7 . * 0 ʿ,ʿ ,71".ʿ
ʿ ʿ 4 , .8ʿ * . - %+ , 8ʿ ". *+8ʿ ,71".ʿ0 6ʿ3+. - : 8ʿ." ʿ%0 - + 0 - ʿ4 0.*6ʿ ,+ ʿ 0*9 ʿ3+14ʿ
,". +4+8ʿ0 "06ʿ,19*1 - 0*6+ - ʿ .44 6+ - ʿ " 6ʿ %.6. 1 - - ʿ .+60 - ʿ - 0*ʿ , , .ʿ .**+5.ʿ
ʿ, , / / : "ʿ 5 - + - ʿ * 16+ 6ʿ ʿ 3+1ʿ 2 5. 6 60ʿ.9 - 0ʿ + 15. - ʿ 06ʿ . - ʿ 0140 - ʿ
60 - 51 0ʿ *: . 0* *6ʿ 06ʿ3+ ʿ . - ʿ506 0 0ʿE01 9 .* . - ʿ +50 1 0 - 3+0ʿ - 0* . - ʿ
50 : .9 .6 ʿ .",1* + - ʿ + 3+0%+ ,1 + - ʿ 09 . - ʿ 50 :0*0 0ʿ " .ʿ - .*+ʿ .671ʿ4+,0ʿ
: . 6.6 8ʿ2(+ 4." 8ʿ06ʿ(- 1"0* 2+8ʿ 1 01: .0ʿ5 1: *, 8ʿ06ʿS 1: .ʿ + 1 + - ʿ - 06 1ʿ
51"ʿ +*4 6+8ʿ40 6 + .ʿ$1"1* . - ʿ06ʿ +*9. . - ʿ *9 0 " ʿ (0*41 - .ʿ .,ʿ .,1: .ʿ.ʿ
1"0 ".1ʿ5+4 ,1ʿ40 0 6 8ʿ06 . 7ʿ & .6 ".: .ʿ5166ʿ 1*6ʿ06ʿ 0* ,+ - ʿ$ + - ʿG+.41 + - ʿ
4+,0 - ʿ .*4 04+ 9 8 " + - ʿ.4ʿ 9* 6 . - ʿ,+ - ʿ0/0 , 6+ʿ6* , 4. +*6ʿ *40ʿ *ʿ0 . ,1ʿ
- .**18ʿ40 00*40*608ʿ *ʿ +*9. .ʿ,1*<+*^ 8ʿ: 2+8ʿ06 . - ʿ 0". - ʿ :ʿ5 1 " 9.*6ʿ.**1ʿ
" +8ʿ .0,+"ʿ ʿ ʿ2 0** 13+0ʿ *ʿ0.ʿ,1* + - 561ʿ50ʿ&.".,7 . - ʿ06ʿ$141" . - ʿ41 - + - ʿ
040+*6ʿ G+1ʿ60 - 51 0ʿ **1,0*6 +8ʿ ʿ:ʿ51*6 0/ʿ 1 - .*+8ʿ - 8ʿ0/ʿ,1*, " 1ʿ +94+ʿ
0 "ʿ "09.6 8ʿ .67+ - ʿ +6ʿ 0" 9 1*0 - ʿ 7 6 .* . - ʿ + 0 50 06ʿ71 6.6+8ʿ 0 6ʿ 0/ 9+1ʿ
+4+ʿ . - ʿ ""0ʿ3+ 40 - ʿ *4+, .8ʿ ." 3+16ʿ.**1 + - ʿ,1*,0 6ʿ,060 + - ʿ (. .,,* 8ʿ
* 6 9.*6 2+8ʿ .7+ - 06.* . - ʿ50 4 . - ʿ ,1* 6.*60ʿ . - 5"0/+8ʿ0 6ʿ + - ʿ .+60 - ʿ90*8ʿ
0.ʿ(,;67 ,.ʿ * 6 1ʿ *ʿ: ʿ :0"+6ʿ6 2+8ʿ 0+ʿ71 4.8ʿ4 6 2+6.ʿ0 "06ʿ3+. + - ʿ7 .0,ʿ0 .*6ʿ
*1 - *.ʿ%.6. ʿ%.*9) ʿD +*.6ʿ%.6. ʿ(1* ,7ʿ 1*9" ʿ%0206.ʿ06ʿ.*9+ 6. - ʿ *60ʿ
ʿ 57.018ʿ - 1*608ʿ06ʿ - . 0ʿ ."5 + - ʿ5 1ʿ - +"6 6+4 *0ʿ 09 1*0 - ʿ.ʿE01 9 .*1 + - ʿ 0ʿ
9+" 8ʿ *ʿ " .ʿ - ,1"0 0*6ʿ 0*0/ʿ3+ 4. - ʿ9 .40*6 .0ʿ06ʿ .*4 6.6 8ʿ15 * 1*0ʿ *60ʿ018ʿ *ʿ
9* 8ʿ0/ʿ6 2+ʿ%.6. ʿ8ʿ 7.+9 +8ʿ *1 - *0ʿ 1, 18ʿ.4ʿ" 20 6.60 - ʿ:1, .: 6ʿ 3+0ʿ 0ʿ4 - ʿ
,0 - ʿ5 .02+ 6ʿ3+ ʿ0/ʿ.*9+ 6 8ʿ "" 8ʿ09 0 ʿ,+ - 0" , ʿ: 41 . + - ʿ,+ +ʿ".60ʿ - 50 + - ʿ
ʿ .ʿ5 15.9. "0 ʿ%.6. ʿ.ʿ6 2+ʿ +.ʿ+* :0 ʿ4 4 ʿ +*6ʿ " ʿ.ʿ%.6. aʿ "+: 1ʿ,+ +8ʿ
. , ,1".0ʿ(+ - 19"ʿ +*6ʿ4 4ʿ :1"+*6ʿc06ʿ *ʿ 8ʿA1.**08ʿ 0 - ,".: +8ʿ7. + - ʿ 0 + - ʿ4 " ʿ
90*8ʿ 0 561 ʿ " ʿ40* 3+0ʿ%.6. 1(ʿ " *9+.ʿ(; .,.ʿ 0 4+18ʿ.,ʿ 0" 3+18ʿ4 , ʿ .+6+ ʿ
- .*6ʿ3+. ʿ7ʿ0/ʿ .0" 6. + - ʿ .0,0ʿ 0" 3+ .0ʿ" *6ʿ,+ ʿ 0ʿ - .*4.0ʿ. 9+ - 0*61ʿ0 6ʿ
3+14ʿ ""ʿ06 . - ʿ .*60ʿ .7+ - 06 8ʿ.4:0*6+ - ʿ, ,+ - , 1 *0dʿ+65160ʿ.<+4 .0 8ʿ .,,056.ʿ
+60 0*6+ ʿ ʿ ʿ

ʿ " ʿ$ .0,15 0* 0 8ʿ 0401ʿ3* ʿ0/%.+ R.ʿ 70 1*0 1ʿ50ʿ .,16 40 - 5. ʿ
"+40 - ʿ40 00*40*608ʿ *+ - 061ʿ .4ʿ/ /ʿ, 1 ʿ<. - ʿ 1",7 40 +ʿ0 - 0* 6ʿ06ʿ50ʿ .+, ."6ʿ .B
4 ,08ʿ90"+ʿ,1*, 06.8ʿ 6 *0 0ʿ .41ʿ .4ʿ *0 8ʿ 6 15.60*.0ʿ50 :0*0 .*6ʿ4+,0ʿ ʿ 24 "ʿ
,7. 1ʿ1 8ʿ 5040ʿ06ʿ,1 51 8ʿ 121 0ʿ5 .0,0"R*6ʿX+:0*, ʿ *40ʿ.4ʿ - .*0 - ʿ 0, 0618ʿ
+, 18ʿ 0 - 0"ʿ .63+0ʿ 60 + - ʿ 0506 6 8ʿ: , 2+8ʿ - 66 6ʿ +6ʿ3+ 4ʿ 2ʿ5 .0 0 20 06+ ʿ *ʿ
60"" 90 06ʿ3+1 + - ʿ3+ 4. - ʿ *ʿ - .*+8ʿ? 0 6ʿ(+ - .,7 .0ʿ5 +8ʿ5 .0 04ʿ:0 0 +*6ʿ ʿ
3+0ʿ61 6 8ʿ,+ - ʿ40%.6. 1 + .ʿ.4:0*6+ʿ06ʿ *+ - 0 1ʿ01 + ʿ,19*1: "06ʿ 0 6 8ʿ3+. ʿ
3+. - ʿ +"6 1* 8ʿ40" 40 1ʿ. 4, 06ʿ06ʿ." 3+1ʿ150 0ʿ 40 - ʿ +. - ʿ .,ʿ: 6+60 - ʿ.55 12.60ʿ
14.20*4.0ʿ,+50 06ʿ6.*6+ - ʿ *60 04 8ʿ ." 3+16ʿ - .* 8ʿ5.2+".61 2+8ʿ 06 1ʿ . ʿ
* . ,+ - :0 +8ʿ60*4 6ʿ +6ʿ5 - + - ʿ%.6. 1 + - ʿ - 506+ - ʿ.,ʿ + 1 0 - ʿ40: 6. 06ʿ3+ ʿ *B
60 - ʿ "0ʿ0* - ʿ 24 ",7. 1ʿ,+ - ʿ - .*0ʿ01""13+ 1ʿ (+ - .,7 .0ʿ7.2 61ʿ,1*:0*0 .6ʿ
,0R 6.60ʿ,1* 06.ʿ5 .,60ʿ 0" ʿ 5 - ʿ .4ʿ .* .,+ - ʿ0/,+ 0*608ʿ$0 .8ʿ *6 .ʿ60*61 .ʿ
+.ʿ155 - +*6k 06ʿ .*603+. - ʿ 0ʿ .4ʿ40 0* 61*0 - ʿ,1 - 5. . 0ʿ51 "0*6ʿ - - .* ʿ .2 0ʿ
6 +, 4.*6ʿ 5 2ʿ 0 1ʿ, .561ʿ<ʿ3+ ʿ,1+6 *+1ʿ.4 - .*0 *6ʿ - +8ʿ 6.6 - ʿ0<+8ʿ<+ +ʿ.*60ʿ
1 08ʿ25 .062 ʿ (+ - .,7 .0ʿ,+<+8ʿ5 .0 08ʿ +0 .6ʿ ".3+01ʿ "+"50*)8ʿ0 6ʿ ʿ *40ʿ%.6. ʿ
"+: + - 6 .* - 66+*6ʿ06ʿ5. ʿ,0R 6.60ʿ". - . - ʿ.4:0*6+8ʿ +ʿ5 .0:0* 0*608ʿ - .*9+ ʿ
" - ʿ!<,*9.0ʿ5 .0" 40 - ʿ,+ - ʿ /1 0ʿ06ʿ1 - * ʿ . - " .ʿ.,ʿ5 - . .ʿ + 2 8ʿ*12 " 6.60ʿ.5 1ʿ
+ - ʿ :0* .6 1* ʿ *60*6+ - ʿ2 0*4+*6ʿ<ʿ06ʿ, .56.ʿ0<+8+/1 0ʿ .,ʿ - .*, 5 8ʿ .,ʿ5R "3+0ʿ
0ʿ,1 - 6.6+ʿ +1ʿ,060 18ʿ *ʿ +9. - ʿ:0 6+* ʿ 140 - ʿ - 506+ʿE079. - ʿ5 . - ʿ1,,+5.*4

& ʿ % ʿV +*. ʿ= ʿ

% $ ʿ ʿ +D ʿ+ N$ ʿ % ʿ ʿ+ ʿ !:ʿ5 ʿ
ʿ $ʿ) ʿ 0ʿ / ! *.ʿ ʿ ʿ $.ʿ ʿ ʿ 6 ʿ ʿ+ .ʿ ʿ

06' - * ' .0:"6 .0 .,' " 2 4 * 8 90*0 0" ,0*6 1 ,' *' 0.'9 . ".6 ' .4 0/6 0 - + - ' 5 .04.' G " & '
1*+ 6' 4 ,04+*6' 06' 6 .7 - "2' + +8 "+: 1' 0 - 3+0 5 .060 :04 ' *' 5".* 6 0 +2 ' ' # ' '
<04.' - 1*6 2+8 +*4 3+0 , *4 .' 9+ 6 60*61 . ' .63*0 ' +6 ".21 8 0" 18 03+18 . ,' ,1 B
51 .' 0 ,0 0*6 ' 0,+ ' 0 3+ 06 '404+*6

) ' ' *44 6 *'60 - 5+8 ' 3+1' 14.20*408 ' <. - ' 40 +, ,0 ' 1 - * ' ,0 6 1 ' .4+8 '
,+ - ' 5 0' 41 - 0 6 , 8 *0916 8 1, ,+5.6+8 0/504 6 1* 2+8 24" , c' *60 0 ,' *1*' 51 "06 '
. - 0 - ' . - 0,0 ' * .6+' 9 .*4 1 0 - ' + - ' , + - ' / ' ' * " - - ' - 0 .6' 3+ ' *<+ '
.8 .' %+ 48' "".6.8 +"6+ +8 + 208 *' " - 60 .2 71 60 1, ,+5.6.8 , , 50 06 ' 06 40 8 ' 3+ '
0' 51*60' *' %+ ,1 + - ' - .*+8 6 .4 4 0*6 ' 510*.8 + - 0 06 ' A. - 3+0' . - 0,08 ' . '
* *1' 5 1 04+8 ' 06 4+,0 : .0 0 0 (." - .' ' 5+ 5+ .61 + - ' 5 *, 50 ' *' 6 *0 0 50 '
0' + - ' .*60 4.40 - ' , . - ' 40 .4:,*6+' A.6. 1 + - ' ,19*1:0 .6' 3+14' " + - ' ." 3+.7 '
4 +' "+ 50* + - ' 60*+ 6' 04 ' 5 .0: ."0*60 *' <+:0* " ' 5041 0 .4:0 +8 50 ,+".' *40 ".+4 8
,+5 4 6.60 ' *40 : 4 4.0 44 40 1 ' ." 3+ 4' .+40*4+ - ' .6+8 ' +"60 +8 * 7 "1 - *+8
5 19 04 6+ < 06 0* ' 50 5.6 8 06 15 * 1*0 %+ ,1 + - ' , 6 +8 :0* 6' 6.' +6 7. 6. - ' '
5+ 5+ .6+ - ' "1,1' .' + 6.57.' * 51 6+ - ' 06 3+ 6+ - .4' 5 .04.8 .2 90*4.8 . ,0 1 60
09 0 "+8 +0 .6' 155 0 0 6' 06 51 6 ." 3+14' ,0 6. - 0*' 1 - *0 8 +18 .4 *60 *041*0 - '
,+ - ' 5 1' 4+,0 40"0:0 6' 0,056.' . ,0' 06 , ,' 9 .*4 1 2+8 ,"15506 8 , .56 8 ' 3+18 - 1/'
E. - *+ - ' .4' 5. 0*60 - ' - 6' . - 0,08 ' 0" 4.' U 09+ - .' - .6 0' 3+.0 5 + - ' 0,+6.'
+0 .6' *' + 20 ' 50 ' " + - ' +, ,0"%+ - ' .4 - .<1 .' .+40*4.' .* - 18 ., 0*60 1 6+*.'
: 4 ,08 ,15 .8 +"6 .' 5 1 - 1' :06 ċ ,6 *' - 1*608 %.6. 1 + - ' , . 6 8 5 1/ - 18 0: .4 6' 0/'
3+ 2+8 6. *' *+ - 0 1 . - ' 90 60 - ' 50 ' 60*61 .' 4 "50 . - ' ,1*"5 , .6+8 + +8 .* - ' 4 +'
5050*4 6' 06 1' 5040 - ' 0 0 06 ' .*' 5 10" 1 6+*. - ' ,+ - ' 0/ 9+ 8 ,15 8 ,1*6 .' 6.*6+ - '
71 6 + - ' 0/0 , 6+ - ' 60*6. 06 ' (04' 6.*40 - ' : , 6 40,1 8 4+",041' +1 + - ' .". , 6.60
,1* - .6. ' 3+18 5. .618 ,1*"5 , .6+8 ' , .", . 2+8 .44 6 8' *' %.6. 18 *:07 6+ ' 5 - '
3+0 06 ."60 8 6.6"1* 2+8 4 "+ 2.6 8 *1*' , 6 .' ,0 6. - 0* ' , ,+ 18 2. 2. 18 06 1 - *1' . ,'
A."" 6+4 *0 3+. ' 05+"618 ' "1*90 .2 0 + 8 ' 3+ ' .0*1' 2"+6 ' 7+0 ""+,' .4 5. 00*4+ - '
&.9.2.*6+ ' 155 0 "28 ' 5. 6 - ' , .04 6' 5. 6 - ' , .5 6' .+6** +9. - ' :0 6 6' .56+8 5 0
24 ",7. +8 ' 06 +2 4.' ,+ 614 .' . - *+ - ' - 66 6+ ' G+1' .41 ' . - 0,08 *+"".'
*60 51 6.' - 1 .' .4 (+ - . ,7 . - ' + 3+0 0/ ,+ 6< 06 ' 404 6 1*0 - 50 .6.' - .* ' " '
5. 0.6' : 6. - ' 06 08 .":.8 51) ,061 ' * ' 5. 0.6 ' : - ' 06 0/6 0 - .' 1 - * .' - *.6+ ' 4'
7.0,' - .* ' 3+ ' 40 %.6. 1 + - ' ,".40 .47+,' 9*1 . ,6' ,1*4 6 1*0* ' 0 . , , 50 0 0 '
51*4 6' ' 04' 6 4++ - ' .4' ,1 - 51*0*4.8 . , *.8 51 0 6' 3+160 - 51 8 5.6 1' %.6. 18
+50 :0*6+ 18 06 . *0,0 - ' 40"06+ 18 50 .2.6' . - 0,08 :061 ' 0/'. - 1' "13+ ' 5+ B
5+ .6+ - ' .6+8 ' 3+ 0: 6' ' - .* ' 3+ ' 6+""1' , . +' *' - .*+8 $0 . + - ' :0* 0 :0""06 '
06 51 6 2 4++ - ' 0".5 + - ' 40 %.6. 1 + - ' ,".40 + 5 , .6+8 ' .4 7.0,' 155 4.*1 - - ' 40 '
4 4078 ' *14+ *.')9.' 0' 50 ,+"1' 0 5+ 6' 06 50 ' .: .' *60 ' - 1*608 + 2 ' : , *18
0".5 +8 ,+ - ' 1 - * ' 9.C.' 06 5 06 1 1 0 +50""04 "0 0 20*6+ - ' 0 0,05 6' .*0 .50 6.0
51 6.0 . - 0, ' 5.6+0 0' 3+ ' 50 4 . - ' (+ - . ,7 ,* + - ' 4060 6.6+8 ' 3+ ' *1*' 1"+ - '
51*60 %+ , 8 0 6 .4 40 .*6' 04 - .* ' ,+ - ' + 8 .+ +9 0*4 ' 06 5 06 1 .' 3+.03+0
. 5166.*4 ' ,0".610<+8 4 ,0 + ' , - - 14 6.60 - ' 5 .02+ 0*6' . - ' *' 018 ' <. - ' ,+ - '
. - *1' 4 0040 06 ,1*,056. - ' 0 +*4 6' 06 *' * 0 . - ' 5"020 - ' + - - .' 0:0 6.60
.* - .4:0 6 6' *1: 8 06 .*6 3+ 8 - 10* 2+8 40 6 +4 8 06 *' 1" 6+4 *0 - ' 5.0*0 04.4.'
, : 6.60 ' %+ *' ,1* " "6.6+ - ' *60 ' 4+,08 ' 04.' 0 20*6+ - ' 4+,0 06 ' .*' 06 1' 41 - + - '
,4 ,6 ' 06 5 . , . ' +6 0/0 , 6+8 04+,0 06+ ' ' 3+ 550 *9 .;0 00*60 <. - ' 7;0 - 0 06
, "2' * " 60 " 2 - ' - +* 6. - ' 60*6. ' 50 ,+"1 + - ' : 402.6+ ' 6.3+0 ' 0 20*6' 12 '
4 1*0' *' ." +4' 60 - 5+8 0 0 : .6. ? . - 0,08 .41' 50 D 0 - ' 06 (0,7 . - ' 6 *0 0 *'
, :0 8 ' 3+14' 0 51*60 *' %+ ,1 + - ' - .*+8 6 .4 4 0*6 ' 5. ' . ,' - .<1 ' 3+. - ' *' (+ '
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& '06 6161' , /0 , 6+ 6 + - 57.2+*4+8 . - *+ - ' 0506 ' 1' .44+4+8 +0 .6 24 2
) ' ' ,7. +8 '06 * 09 1' 5.".6 1' 3+. ' *' " 20 .' ,+ 614 .' 71*1 < ,0 . 0 : .2. + ') < . - 3+0
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3+ 550 0 %.6. 1 + - ' $ 0,15 0* + - ' - 50 .61 8 .6 0 - ' < .4.2.6 ' 5". ,0 0 ,1050 .6
6.' +6 ,+ - ' 090 " 20 0 ,1) 13+0 06+ ' 06 1 - * ' . - " . 6.6 8 5 .0 19.6 : .' +60 06+ '
+4 .' 0.' . - " . 6.8 ' 51 63+. - ' 09+ - .' ,+ - ' . - 0,0 " 1' : 41 0 *' .+". - ' 04 6
<6(. - ' " . ' +6 , 04 6+ ' <+:0* 8 1 - .' , .56. ' 0+ - ' ,1 . - ' : 1' ".+4. 0' *' . , .*1' ,+ - '
01' "13+ ' "+40 0' . ,'" 20 0 :0 . ' < . - ' * +0:U .6' 03+0' 20"" ' 0 - 1*08 0.' 40 0 50 '
+ 20 - 0 02. *6+ 06 +"6. * .+9+ 6.0 - 5+4 , 6 . - ' 50 1" ' <+;0*0 - ' , .56 :+ .' 140 .* '
G+. + - ' 1 - * + - ' 0 + - ' 9*. +8 0/ ' 06 *.6+ .' +/5 +8 ' ,1*"6" + - ' 71*1 ,+ - 2 ' 06
+6 "0 ' " ,+6 ' 02.6+ ' ,05 6 ' 7 6 9. *60 ,1*<+90 ' 3+1' 0, 0618 . 51 08 6090 06 ' 40 " 20 '
.60 , .56 :1' 0 6 6+0*4. ' 0 3+0 +*. ' 0/' " .2+8 *' - .6 - 1* + - ' 4.*4. ' (,' 0* - ' 1 0
<+4 , .2.6 ' +6 . - , 6 .' 71,' .4 * 6.6 8 : *,+"1' ,+ - ' $, ,15 0* 2+8 %.6. ' 8 ,1*6 .4.'
6. *' 5160*60 8 . - ,18 - + .67 ' 0 05618 2 ' ,1*, " . 06 ' 06 6. *6 ' 121 8 . , ,0"" 1*0
.50 + - ' ,1*6 .' %+ ,1 + - ' 5160*6 . - ' - . 06 ' 4 ,+ - ' + - - 150 0 ,1* " ' 09 '
5". ,0 06 ' *+"" 8 6. - 0*' .6 1* 2+8 0 ,0 0 516+ 6 ' +6 +"6. * ' ""+4 5 12. 0*6 < 3+ ' :0
+/1 8 09 .0 - 5+4 , 6 . - ' 4060 6.6 ' :0 *1: ' 06 0/60 * ' 71 - * 8 * 1"0*6 . * ' 50 1 '
.4 * 6.60 - ' 0. *' . :0 .2. *6+ ' .2 0.3+0 090 - ' 3+. *6+ - ' 5160 . *6 ' 4071 6.2. *6+ '
+ - ' * 7 "1 - *+8 090 - ' *' 5 151" 61' 50 0:0 . 0 ,0 *0 0*6 ' +"6 1*0 - ' :0 6 ' ' 0
* : 6 8 ' 6. *6+8 71 508 .4 71, - .9* - 4 * 8 . ,' 9 .6 .0 ' - 50 1' 06 . - " .0 09 .0 ." '
3+. *41' 0/ 6 ." 8 ' . 6 9 + - ' 0:070 06+ ' +*.' ,1*"5 . *6 ' 06 5.".6 + - ' *9 0 ' 12: + - '
24 ",7. + - ' *60 , +*6 ' .2 , 8 5 +8 90* 6." 2+8 06 40 1 - ' +6 3+0 504. ,+"1' .4
18 .55" , .6 8 ' 09+ - .' 06 ,+ - ' 01 ' . , ,0*" 8 0 - 0" . * - 8 ' 1, , .' , 04 6+ ' < ,0 60 .2 01'
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4 , 8 ,0 6 8 40 +/1 8 - 5+4 , 6 .' ,19*1:0 6 ' !*. - ' 0 0 0:0* 6 ' +651 6 0 - ' 1 - * + - '
: ' ,1*<+9+ - ' ".9 6 .' 0 , , .*6@ :0 +"6. * ' 12' 0.8 ' 3+.8 4 / ' , .+".8 4 .+41 6.60
5 : .6.' 5.6 . :0 *6 ' *0 0/60 * 8 *+56 8 - 50 + - ' *' 0/60 . - ' . - " . - ' 6 . *8 0 06+ '
0 1 - 4. *608 ') 6 +6 6 ' 0. *' , .040 - ' - .9*.' 14 .' 41 - 0 6 , .' - +"6.0 - +"6.608 '
- +"61 + - ' 0/ 6 .' 06 , .". - 6.608 0,+6.0 +*6 ' G+ 2+8 - . "8 +6 0 - 04 + - '. J0 06 1 '
4.20*408 ' 20""+ - ' %+ , ,+ - ' 1 - * 2+8 *90 02.6< 3+1 ' 6. *6 ' 50 ,+" ' $0 ". + - ' ,0 '
: , 2+8 - 50*40*6 8 - 06+ ' 3+ 3+0 ' 051 6 8 5 : .6 8 . " 04 2+8 06 14 8 ' .4 1 , + - '
04 06 ' 5 0 ,+*4.' .4 4 90 0*4+ - ' *0,0 ". .' 6+4 1 0 ,1 - 5. .2.6 ' 06 41* ' 1 "3+0
08 + - - . ' 3+.' 5160 .6 ' 5 +40*6 .' .4 - * 6 .2.6
' * ' - . * ' 3+ ' (+ - . ,7 .' 40 0 6. ' 0 20*6+ - ' 5 1 +90 .6 ' *60 0.' ,0 ". 2.6 '
04 ' ,+ - ' (.7. - ."0 - ' E01 9 . *+ - ' + - - .0 *60 ' : , *18 515+"18 .+41 6.6 8 0"%0 * '
60"" 90 06 ' 0+ - '. 4 1 0 . - , 6 .' 2 ' ,1*, " . 0 :1"+ 6 ' 06 .4 0. *' . *, 0*4. - ' (. '
7. - ." 8 " . - ' *' - .6 - 1* + - '. , ,05 6 ' $1 60.' + 5 , 1' + 6 ' (.7. - ."0 - ' 3+ ' .09 0
.+". - ' $0 , . - ' 0" 3+ ,6 ' 1, , . 1*0 - ' 3+.0 0 0 ' +6 ." 3+1' . , *1 0 * 9* ' . - "%. .'
14.20*4.0 9 .6 . - ' 0,+50 . 06 ' 4 :061' . , "0 .4+ ' 1 0 ' ' 0 20*6+ - ' 3+14' 0 6
:0"+6 *1*' ? 6 15.60*.0 04 616 +8 - 50 ' .2 " .' 5. 60 5 15+9*. ,+"+ - ' . 6+' :0"
3+13+1' - 141' $0 , ' <+ 8 . ,0 06 ' 4 ,+ - ' *' . * - 1' 7.20 0 5+6. 06+ ' + - - .' 4 " '
- +".6 1*0 * 7 "1 - *+8 0 9.' 90*0 + - ' +602.6+ ' *+"" 8 *1*' - * - 0 +, .6 ' . - 1 8
9* 8 *60 ' 018 50 ' - +6+.' 1 , .' *60 , ,40*6 2+8 ' &0 + - ' - . * ' 71 - 1' + 5 , ./ '
3+ ' 0' 616.' 6 15.60*.' 5 .060 ' 0 20*6+ - ' .2 . - 0,0 - 141' 0,056. ' *' + - - 1' 50 '
,+"1' :0 . ' : 40 06 ' , .40 - ' 2 ' 4 " - +".6 1*0 0 9.' 2,0 + - ' +60*4+ - ' ; .6+8 ' *4+" '
90*6 .' + - - . ' 3+.' +/1 , - ' 6 .4.2.6 ' .5+ ' , . - ' 50 : , 6 ' +6 *' 5.6 8 . , .*+ - ' 50*0B
6 . *8 ,0 6 1 .' 40 5 +8 ,1* " 8 ,/5 , . 06+ ' $0 ' 0. - 3+0 ,19* 61 ' 1040 .6 1*0/*'
0, 06. - ' ,+ - ' $0 .' (.7. - ."0 - ' ,1*6 *+. 0 ' 4 6. - 0*' *09" 90 0 5 .0 0 6+" 6< 06
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-0" +8' ,1* "6+ -' 0*0 -' ." 3+. *41'" 6.6+ + -' 0"51*4 6' *60 0. ' ,+ -' +"6 1*0 -' $ &
.* -1' -04 6. ,6+ '+/1 '* 7 "6."0'0/' :0 2 8' - . 6' ,1*<0 6. *6' . + 61 ' + 6' +6'5. 6 0 -' ' # /;
.4' 0 6 : 6.60 -'3+. *4. -' *: 6. 06' '3+ < +2' ,+ -' + 8' .4' - . *0 -' :0* 6' .2' - - "" 8
5, ,+ "2 2+8' 0/' 03+1' 40 ,0*40*8' *: .4 6+ ' 06' ,+ -'1 - * 2+8' + 8' 6 +44. 6+ ' G+1
. 61' - . *'5 .0 4 . 18' *' (.7. - ." 8' 4 6 1*0 -' - - 66 6'3+ '0. *' 0 1' 06' 9*' : . 6.
0*6' " + - 3+0' 0<+8' '51 0*6' *'5160 6.60 -' 04 90 0*6' . *' 3+. -' 4 / ' , .+ .*6
,0"0 .6.0' - 5 06.6' +.0' - . *5 .060/+ 6' < 3+.' +/1 ' ""+40*8' 0<+8' - 5 +40*6 8' .4
5.6 0 -' 40' - 04 1' 61""0*4+ -' - * 60 1' + +8' 0 6' 0+*,". : +8' ." 60' , -' ,1 - * 0
- 1 .6' - . *0 - '51 6' . - 0, 8' 0/' 6615.60*.' 4 ,4 + - ' . 6+60#' (,70 - .7 "0 -' " 0
2,0 + -' :1, .6' 0 2076' ,9+"+ -' *. 6 1*0 .6. + - ' 2' . - 0+ -' 044 4 0 .44 4+ -
- . * ,1' *2 - *'06' $0 "8' * 0 6+ -'' ,<+ 3+0' " . -' +/1 0 -' 4+/ "0' 3+.0' .': 1' 50 '
+. .' 51 60.' 5.6 0 -' :0*0*1' + 6+"0 6' 4' :0 1' 4+.8' 12' ,.+ .8' .2' " - . *0' . 6+ - '5 /'
- . - ' 3+14' :0 0 06+ ' *0' +, ,0 " ' 60 - 51 8' (,70 - .7 " 5 + -' 40' - 04 1' 61""0 06'
40 *40' +6' *'5160 6.60 -' 04. 6. 0 20*6' - +* 6 1/ 0' .' 1, , ' 09 1*0<0. *'20*, , 1'
- + .67 8' 51 " 40*4. -' . , , 50 06' 44 6' 0+*,". : +8' ,1*" " 1' 0:0*6+ -' - * - 0'
40 + "0' *. -' - 1/' - . *0 - '50 '2%70141"". - ' .2"09.6 8' .4' $1 6. -' :0 04. 8' ,+ -'
" 60 8' 06' 3+.0' 90 0 .6' 0/51""6 8' - + .67 8' ,1* ,0"" 1*0' 5 *, 50 -' .2 1"+6+ - ' *0'
- *0' - 504 0*60' *"2,0 '4 6 1*0' - .*" "0' (04' - +"6.' *'7 8 05 070*40*4.' :0* +*6
. -' 5 - + -' 1 - * + -' ,1* 6.6' (.7. - ."0 -' *1*' %.6. + - ' 04' E01 9 .*+ -' + 0'
0+ - 3+0' 1 9 *0' .+6' ,0 60' 0<+8' - .<1 ,8' 7 6 .*18' 5 - + -' *' .+".' $0 "", .' - + +"'
- . * " . 0' 4 4 , "0' +6' 0+ -' 5 1560' 0" 9 1*0 -' .401' $0 "8' * 0 6+ -' + "0' - * - 0'
: , 1""6' "" - "0' 40 *40' 0+ -' ,+ -' ". * ." .' 09 .' $0 ". + -' .401' ,1*<+*4+ -' + "0
0+*,". : +8' 9*1 . "0' : 406+ ' 3+14' +5 .' 0/' A1' %71 - .' * .41 1' 06+" - +8' < +2'
06' , .+ . -' 4 00 "+8' 0+' +9.0' 0<+8' 0/' .+".' $0 "", .' 0/51 + .+8' 1* 6.6' ,0 60' - +'
.67067' - 1 6,' (.7. - ." 8' *60""0 6. '*0* - 04 1, 60 '9. : + -' 0 "0' 3+14' .2' 6* . *,'
50 +." 8' , 040 06' 0 20*6+ - ' 40' 3+1' - 06+02.6' 01, . +' *' 6+61' ,1""1, .6+ -' 0 08'
,13+0' - .<1 0 -' 40' 40' 6* . * 8' 4+, . -' ,05 "0' 3+ '3+1' 08' %+ , , .8' *' "" 8' 0'
- 16 8' 09 1* 2+8' - . 06' *0' 1,0 '3+ 40 -' " 9+ * '5050 , "06' 6.3+0' 06' ,+ -'
." .8' 08' 0' .4' 20""+ -' *0,0 " .8' - 660*4.8' ,+ . : 6' 6+ *' 06 . -' ' '%.6. 1 + -'
- ""6' ,+ -' 4+12) 8' .6 2+c' 0<+8' %.6. . ,' 09 8' ' ,+ -' 3+1' 5. '7+ - . * 6.60' 3+.' 0 9.'
1,0 + - '51 60.' + +8' 0 6' (+2' 4' 06') +C ." 8' ,". 8' 5 .0 0 6+8' 3+ ' 1* 6. *6 *151"'
.**1* . -' 50' +/ *+ -' - . 0' % .50C+*60 -' 51 6. :0 .6' .4' - + .670 -' 04 6'
3+ ' +6' 06' 5 0' *'5. 60 -'9"1 . ,' :0* 06' *' ' 1",7 40 -' "0' * . : 9. "0' 06' - +* 6 1*0 -'
.4D' $7. - ' ,19*1 - *0*" "+: 1' "1,+ - '3+ '06' *+*,' *1 - 0*' 0 : .6' 0' .04 , . "0' 0/'
3+.' *' E01 9 .*18.20.' 5. 60' .4 6+8' .50 06+ ' - .9* , .' . "0:0 .6 1*0' ,1* - . : 6
6' 7.0,' 3+ 40 -' .**1' 20"" '7+<+8' 5 - 1' 90 6.' +*6' 3+1%+ ,1 + - '6. *' *'5 1," 8'
3+. -' 06' - 1 2 8' 06' ,1 - - 0. - 8' *15 . '50 "0' +5 .' ' '5 14 6+ -' 0 6
!' ' :0 1' 40' 20""1' 5 1 03+0*41,0 6+8' - + .6708' 3+14' 516 +8' *4 4+ -'
3+. -' - .9*1' ,+ -' +4+' *,71.6+ -' : 402.6+ ' 3+ 550' - 1/' 0,056 8' .' $0 8' 0 0' , 6 .'
,0 6. *0*' + 2 2+8' 3+. 8' : /' 616' 71 - *+ -' , +1 0' 0 + 1' %+ , ' *' 5160 6.60 -' 040'
90 .*6' 40' .6 1*0' 0<+8' 4 +' ,1* "6. : 6' 6' 0 .*6' 3+' +.40 0*6' +6' 1 - ". ' ' 6 15.?'
60*. 'E01 9 .* 8' *60 <04 8' . , ,0 "+' 06' 0/5+9*. 6+' 4 , " ' 04. ' 50' +.0' 4 6 1* 8' 5 1'
: *, .8' 0/0 , 6+ -' *' 04 . -' - - 660 06' 06' %.+ " 1' 1, ,+5.61' 3+14' ,+ -' 6. *61'
0/0 , 6. '7. .4' 4 "R "0' ,1* 04+' .55. 02.6' . ,08' *' 01' 0/ 6 +0 06' ,' 0* *' 1 0' +6' "1, .'
1 - * . ' 3+.0' *60' C + - + -' 06 .+ ""+ -' 51 6.' +*6' 50' 0' * - .' *60 ,"+ 1'
$0 "8' .4' 0.' .4 6 '*+""1' *0916 1' *' + ,1 + -' - .*+8' 4,4 6 1*0 0+' : ' :0* .*6' 1*6 .
."

%5.5 0 ; 0 $2 " $' ' ' 2 '% ' 2 . 16)! $ ($ ' , !$
' ' ' !' *.41' 5' *'b' - 06' < ' 6 6' ' ' ' ' ' ' * ' '
' ' 6 6' . ' '. ' ' ' ' ' '. ' ' ' ' $+6
' ' ' ' '

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ʿ ." ʿ 4 5+6.2.*6ʿ< 06ʿ .4ʿ . - . -ʿ<50 6 *0 0ʿ . 0"Z* ʿ < 0ʿ 40.ʿ 0 - 0ʿ

\ 5 ,+8ʿ %ʿ1 - 660 0*6+ ʿ*.6*ʿ3+44ʿ0.ʿ ʿ 0ʿ5* 40*6 .ʿ 0 06ʿ ʿ * - 6.6 8ʿ41 ʿ :+"91
6 2+6+ -ʿ ʿ *0,ʿ:0 1ʿ6+6+/*ʿ0 0ʿ - 04 8ʿ616ʿ 09R +2 - ʿ2,) ,1 .ʿ90 66,ʿ 106 8ʿ0/ʿ
0 , 6+ <ʿ6. *ʿ 5*90ʿ4+, cʿ 6 0ʿ ʿ3Z 4ʿ 6604ʿ. , ,64.6ʿ * 0 6 8ʿ *40ʿE01 .* 8ʿ *40ʿ
$0 "8ʿ , -2 *6 2+8ʿ - 0 ʿ5 .0 4 . .ʿ60 91ʿ06ʿ 16660ʿ, .0 "ʿ3+1ʿ 0ʿ 0, 5 .*6ʿ +*ʿ
4 3+0ʿ:0"+6ʿ *4.9 *0ʿ, * 6 ʿ *1*ʿ7.20.*6ʿ ; R 6ʿ 6.3*0ʿ0.ʿ6.*40 - ʿ0*60*6 . ʿ3+.0ʿ0,ʿ
71*0 6 1 .ʿ 06ʿ 6+6 1 .ʿ *.402.6ʿ 6.3+0ʿ + ".57.0ʿ*0916 + - ʿ4.6+ - ʿ+6ʿ R5 ʿ . ʿ
- . 0 ʿ.ʿ - 4.0ʿ06ʿ50 ʿ1 - *0 - ʿ(; . - ʿ. ,ʿ 0 1516. - . - ʿ4" 1 08ʿ. ,ʿ .2 18.4ʿ/ / , 4ʿ
,390 06ʿ 06ʿ50 ʿ5 3: *, .8ʿ.4ʿ5 .0 0 18ʿ +50 1 0ʿ. **1ʿ0:1, .618ʿ4.6.0ʿ"60 .0ʿ+6ʿ,+ -ʿ
,15 8ʿ + 8ʿ:0 0ʿ 5 - 1ʿ C - - + - ʿ,1*:0* 0*6ʿ.ʿ + 6.57.ʿ - 50 .6.ʿ . 6+ ʿ 4ʿ
09;56ʿ06ʿ5+ 5+ .6+ - ʿ *ʿ, .*40 - ʿ 0 - ʿ , 56.0ʿ"60 .0ʿ3+ ʿ< +50 1 0ʿ. **1ʿ.4ʿ40ʿ
"04+8ʿ, 6.6+8ʿ*1*ʿ+0 .6ʿ $ 1 50 - ʿ06ʿ". 9 1 ʿ. **1*.0ʿ.0ʿ 0ʿ50, +* . .0ʿ3+14ʿ
.2ʿ0.ʿ - . / - 0ʿ".21 .6+ - ʿ + "0ʿ *ʿ0/0 ,R+ʿ - 50 .61ʿ - 0 - * 06

ʿ$ i (%ʿ ʿ4aʿ4+12+8ʿ 6.6 2+8ʿE01 .* 8ʿ.2ʿ - +6.670ʿ40, ,6+ - ʿ ʿ06ʿ, + -
.*+, ,". ʿ . ,6.60ʿ - *1 ʿ.ʿ%+ , 8ʿ.4ʿ0<0 .*4. - ʿ;0 . - ʿ 0"9 *0 - ʿ 1" , 6.6+8ʿ 5,ʿ
- .60 *ʿ.63+0ʿ.401ʿ .60 *ʿ - 50 ʿ.4 5 00*4ʿ .4. ʿ5. .6+ - ʿ 0ʿ.4ʿ .7* - 06. *. - ʿ
- 5 06 0 - ʿ6 .*8 +90 0ʿ40 - 1*61 06ʿ, .40 - ʿ,1*4 6 1ʿ 0/. *4 1ʿ5 151 6.ʿ0 6ʿ 6ʿ - ʿ
50 + - ʿ *ʿ,+<+8ʿ<. - ʿ51 0 1*0 - ʿ.ʿ5. 0*6aʿ*+ 8ʿ 0 .6ʿ 06*a ,ʿ:0""0 ʿ &0 .*ʿ
""0ʿ +*+ - ʿ.63+0ʿ0.40 - ʿ3+.ʿ * 6 1ʿc - 1 ʿ *. - ʿ *ʿ0.ʿ.4ʿ0/6 0 - + - ʿ*1*ʿ50 0:0 . : 6ʿ
,1* 6.*6 .ʿ4ʿ. :0 + 3+.*3) . - ʿ.090 - 0ʿ 0 06ʿ"0ʿ . : 61ʿ - 50 1ʿ0/+ ʿ6.*.0*ʿ51ʿ
60*6 1 ʿ - 5. ʿ06ʿ60 - 51 ʿ,040*8ʿ 1, 1ʿ9 .6 8ʿ506 6ʿ+6ʿ ."60 - ʿ,+ - ʿ21*.ʿ .6 8ʿ9 .6 . ʿ
3+0 *ʿ - +6.6708ʿ 2ʿ *ʿ - 50 1ʿ5 .0". 6+ - ʿ:0 ", 6ʿ *ʿ01ʿ 1"1ʿ: :0 0ʿ. ,ʿ5, 0 - 1ʿ - 1 ʿ
2ʿ" ,0 ,6ʿ *ʿ3+1ʿ,+ - ʿ - .<1 + *ʿ1 2+8 + . . 3+.6641ʿ,1 - - 00 06ʿ3+14ʿ,6ʿ *50ʿ
6 . : 6ʿ 3+.*3+. - ʿ 0,". - .*6,ʿ .*+, , . 0ʿ3+ ʿ *<+ .0ʿ .6 ʿ.ʿ aʿ 0 6. ,ʿ ,1* 4: 8ʿ
,+ - ʿ3+0 *ʿ+"63 0 - ʿ ." 3. . *41ʿ - 06+02.6 ʿ6. - ʿ: , *+ - ʿ7.20 0ʿ*1 02.6ʿ (0, +*4+ - ʿ
7.0,ʿ - ʿ 1"0 - *ʿ , ,+ - , 4 - ʿ .*+04. Kʿ a6ʿ (4+6ʿ.060 - .0ʿ50 4 .ʿ. - 2 6 1*0ʿ
0*+*4.6ʿ3+0 ʿ0<+8ʿ .4+ - ʿ - .9*.ʿ .06 6 .05+2" , . ,ʿ< 9* , .6 1*0ʿ *ʿ5. .6 1ʿ 09 1ʿ
06ʿ50 ʿ616. - ʿ+ 20 - ʿ,0 02 . - - ʿ 6ʿ + - 5613+0ʿ +4.57.0ʿ*1 - *0ʿ,6ʿ "6+*, .".0ʿ
. ,ʿ , ,60 .0ʿ - .60 *.0ʿ4 6 1* cʿ5 .0 04ʿ 46 61ʿ41 - + - ʿ . - .*4. - 8ʿ 0 "ʿ a6ʿ 40ʿ a<+8ʿ
"0/. *40ʿ .60 ʿ,1 - - 68ʿ

ʿ <% (ʿ5. 6, <ʿ . - * ,+*4.ʿ.4ʿ*1:18ʿ%+ 1 - - ʿ - 506+8ʿ*1*ʿ ʿ
"+ - ʿ + 6 *0*418ʿ 04ʿ ʿ 0ʿ1, . 1ʿ *ʿ - .*+8ʿ4. 06ʿ: , 8ʿ *ʿ71 6 ,+ - ʿ:0 60*4.8ʿ5. . ʿ
2.*6+ ʿ06ʿ - .*9+"ʿE0*9.0ʿ5 .0 04+8ʿ6.*6.ʿ * + ". ʿ. ,ʿ4. - *1ʿ.ʿ%.6. 8ʿ. 04+8ʿ
a+ - ʿ+"6 1*0 - ʿ3+.0 0 06ʿ+"6 1ʿ 0ʿ 14.20*4.0126*"0 .6ʿ06ʿ, .5 6 8ʿ50 ,+"1ʿIP 6 1ʿ
5.60*. - .2ʿ - .* 8ʿ: ʿ40 0*40*4. - ʿ + 0050 .6ʿ<. ,5 17 2 6+ + - ʿ 0ʿ51 " , 6+8ʿ +0 .6ʿ
0ʿ - + 6 1*08ʿ.ʿ%+ , 8ʿ *ʿ0.ʿ5 1: *, .ʿ,1056.0ʿ0/ 6 +0 0*6+ ʿ 6.3+0ʿ ""1ʿ61 ʿ 6 1ʿ
5.60*. ,ʿ5 .051 661ʿ: , * 8ʿ (0 .51ʿ . " : .* ʿU - 0 ʿ ʿ%.+ " ʿ9% , - . , ʿA 0: .*ʿ
5 .0 04 8ʿ - .*4.6+ ʿ+6ʿ - .*9+"ʿ.4ʿ1 - * . ʿ *ʿ3+ 2+8ʿ 5 1 . - ʿ150 .ʿ090 06ʿ5 .0 61ʿ
0 0*6ʿ *: 6.6+8ʿ06ʿ? .2ʿ - .*9+"ʿ (.7.* ."8ʿ "+8ʿ3+ ʿ51 6ʿ70 .*4. - ʿ5.6 8ʿ, .040 - ʿ
4 6 1*0 - ʿ0<+8ʿ, 0:0 .6ʿ :06+ - ʿ ""0ʿ3+ ʿ5 15 .aʿ 0"+6 83+. - ʿ *<+ .0ʿ *ʿ* 1 60ʿ5.6 8ʿ
. , ,056.0ʿ 0* +ʿ - .9 8ʿ 6.*90 4+ ʿ 71 6.6+8ʿ. - , ʿ06ʿ, .*40 - ʿ, . + ʿ 1 :0* 8ʿ * +50ʿ
7.2+ 6ʿ06ʿ40ʿ20""ʿ, / 6+ʿ:0 6+8ʿ*0+6 . + - ʿ5 + - 0 0ʿ - ."+ *ʿ + - ʿ:0 1ʿ5 .0, 5+0ʿ
14.20*408ʿ .ʿ%0 " 61ʿ 2ʿ - 0 - , 06ʿ0+ - 3+0ʿ"1, + - ʿ.*60ʿ - * .ʿ + 6.57. - ʿ60*6.
ʿ6+ + - ʿ50 +. + - ʿ7.20 06ʿ a1ʿ3+13 0ʿ - .<1 .ʿ .2 64 .ʿ - 660 0ʿ40, 0: 6ʿ *ʿ0.ʿ40"ʿ
20 .6 1*0ʿ40 /1ʿ01 - - 14+ - ʿ. , , 4 6 ʿ+6ʿ(- 1ʿ1 - * + - ʿ09 8ʿ,1* "5 + - ʿ50 ʿ. - ,18ʿ
3+18ʿ - +"618ʿ *ʿ0.ʿ.+".ʿ7.202.6ʿ97. +8ʿ 150 . .ʿ +. - ʿ126+"0 6ʿ< 3+1ʿ 06ʿ, .40 - ʿ, 3ʿ
2ʿ9 .4+ - ʿ.4ʿ 09 8ʿ9 .6 . - ʿ . ,0 ,6ʿ06ʿ 0 4. .ʿ.ʿ . : . " 51ʿ5.6 0ʿ70 04 6.60 - ʿ% 6Dʿ
.ʿ .6 0ʿ5 14 6. - ʿ 0, 50 . 06ʿ 06ʿ$0 "R ʿ - 50 ʿ. + 5 , 8ʿ05* 0 : . 06ʿ 8ʿ 5. 4,

F 7 6 .*. -

% $, ʿ V `B$ ʿ/ $ ʿ , + 6 ʿ ʿ '. ʿ $U ʿ ʿ
:ʿG 7' ʿ ʿ $ʿ # . ($ʿ " 6 ʿ

ˁ ˁ ˁ P ˁ #ˁ . TTp

76 6 .*. -ˁ 4 9 1.0 -ˁ ,1*4 6 1*06 ˁ .ˁ %0, - . 0ˁ 12".6. -ˁ + - - .ˁ ,1*
6.*6 .ˁ ,5+4 .:0 .6ˁ 06ˁ 5 :.6+8ˁ .63+0ˁ .401ˁ, .56 :+8ˁ 4,90 0ˁ 3+. -ˁ ,+ -ˁ ,1* , 0*6 .0ˁ ˁ ˁ
-1 ˁ 06ˁ . ,60 - .0ˁ ."+6 8ˁ 4 50*4 1ˁ 09*66 -ˁ . ,ˁ " 20 6.60 -ˁ *ˁ 7. ,ˁ : 6.ˁ ,1* 0 :. 0ˁ - . ˁ
"+0 .6ˁ +6ˁ <. -ˁ +5 .ˁ 4 / - +8ˁ (04ˁ ,+ -ˁ *0+*40 - ˁ 3+1ˁ .ˁ %0, - . 0ˁ - . "ˁ , . ˁ
00 0 -ˁ ,1*<04+8ˁ 1 "06; ˁ 0 /ˁ 1 6+*. ,ˁ 1, 06.60ˁ *ˁ . 6 - . -ˁ ,+ -ˁ ,9 1ˁ " 1ˁ . - ˁ
, 6 . -ˁ 40:0* 6ˁ 06ˁ :0ˁ 0. ,0 8ˁ 6.04 1ˁ :0ˁ +6ˁ *. " ˁ 3+0 *ˁ * .*1ˁ . - 1 0ˁ 4 " 902.6ˁ
06ˁ .ˁ 3+1ˁ 0ˁ 5. 6, ˁ 04. - . ˁ 0*6 02.6ˁ 9 .6 , . 06+ ˁ 3+14ˁ 09*ˁ ,1* 0 :. *4ˁ , .+ .ˁ
. ,0 0ˁ 0, + .:0 .6ˁ +ˁ . - , ˁ 9 .6 . -ˁ 0, 6?ˁ 06ˁ 6.*40 -ˁ 40 -ˁ 06ˁ 5 0ˁ 7 6 .*. -ˁ 0<0ˁ
6. : 6ˁ &0 + - ˁ 3+1ˁ - *+8ˁ 50 .61ˁ 20*0 , 1ˁ +0 06+ ˁ *: 4 6ˁ 2 0: 6.8ˁ - 50 ˁ ˁ
- . " 8ˁ 3+ ˁ *ˁ 5 8ˁ 09*ˁ .+ 5 , 8ˁ 40ˁ - 04 1ˁ +2".6+8ˁ 9 .6 . -ˁ . - ,1ˁ - * - 0ˁ 050*ˁ
40 ,ˁ 516+ 6ˁ 201ˁ 60 - 51 0ˁ (- 1 ˁ 3+. - : 8ˁ " 20 6.6ˁ 0 6 6+6+8ˁ *ˁ .+".ˁ $0 , .ˁ - .* 6ˁ
1, , . 1*0 -ˁ 9 .6 .0ˁ .5+4ˁ 14.20*4. -ˁ *. " 8ˁ 70 040 -ˁ ,1* 03+0*4.0ˁ 1550 0+8ˁ
3+. -ˁ 6+*,ˁ 1 60ˁ 12".6. -ˁ . 5+ 6ˁ 06ˁ .2ˁ 14.20*4.ˁ 616 +8ˁ . : . ".5.*.0ˁ 4 6 1* 8ˁ
7.*+8ˁ 5 1*+*, .6+8ˁ ,+<+8ˁ .*60.ˁ E7 6 .*1ˁ *1 - *0ˁ 5 *,058ˁ +0 .6ˁ 06ˁ ,+ -ˁ " ,+"0ˁ
ˁ E01 9 .. -ˁ ,1*6 .ˁ %+ ,18ˁ - " 8ˁ 0 6ˁ 6 .4 6 8ˁ 0ˁ 0/ˁ 8ˁ 3+.0ˁ *ˁ # 0* ˁ . , ,ˁ , .56.ˁ
0 .*6ˁ 61 - 0*6 8ˁ ." 3+16ˁ 06ˁ :ˁ , 2ˁ 03+ 6+ -ˁ 0/ˁ : , * 8ˁ 5 .0 4 8ˁ G+ 2+8ˁ ,15 8ˁ
06+8ˁ +2ˁ 41 - + -ˁ :0* 6 ˁ - .9*.ˁ 9 .6+".6 1*0ˁ .ˁ + 8ˁ , / ,056+8ˁ 0 6ˁ - +"6 8ˁ 6. - 0*ˁ 0/ˁ
7 6 .* 8ˁ 3+ˁ ." 13+ˁ 0ˁ 20*0ˁ :1"02.*6ˁ *^*. -ˁ 71 - * 8ˁ 50 4 . -ˁ 4060 6.*6 2+8ˁ
3+. -ˁ ""0ˁ :1" 8ˁ .6 1* 2+8ˁ 0/,+ .2.6ˁ 06ˁ * 7 "1 - *+8ˁ 7 6 .*1ˁ *1 - *ˁ .:0 0ˁ *ˁ
1, ,+"61ˁ, 04ˁ :1"02.

&ˁ +2 ˁ :0 0ˁ .55060*60ˁ ,15 . ,ˁ %+ 4, . ,ˁ +*4 3+0ˁ C + - + -ˁ ,1*:0* 0ˁ
2.*6ˁ 06ˁ 61 - 0*6.ˁ ,+ -ˁ 1 - * ˁ 20"" ,1ˁ .55. .6+ˁ 50,+* .ˁ ,1 - - 0. - ˁ * +50ˁ .4ˁ <+ - 0*ˁ
61 + -ˁ + 60*6.6 1*0 -ˁ 5 1: .ˁ .**1*.ˁ (0 *8ˁ :0*0 0ˁ .2ˁ 09;561ˁ ,15 .0ˁ 3+.0ˁ *ˁ
40 0 6 8ˁ 3+.0ˁ 09;6+ -ˁ 06ˁ (; . -ˁ *60 <. ,0*6ˁ - +"6.ˁ *,1 - - 14.ˁ 5. .0ˁ 06ˁ "+0ˁ 50 6 ˁ
0 .ˁ 5. " -ˁ 9 . ".*60ˁ "05+ - ˁ 50ˁ 3+14ˁ 60ˁ 7.2+0 +*6ˁ - 0 .2 " 60ˁ * 0,0 +*6ˁ 06ˁ
-04 .ˁ 5"+8ˁ 5. 60ˁ 40 *+6.0ˁ : /ˁ 0ˁ + 6.57.0ˁ ,1*<+*/0 +*6ˁ 3+ ˁ 6.*40 -ˁ 5 1 04 1*0ˁ
40*+*, .6.ˁ 4+140, - 8ˁ , . 6 8ˁ 50ˁ "ˁ . .*6ˁ , . " + -ˁ 6 *0 0ˁ .41ˁ . . -ˁ :0* 6
G+0 *ˁ "1, + -ˁ 06ˁ - + .67ˁ - +* 0*4+ -ˁ +. 0 .6ˁ 06ˁ 6+*,ˁ . , ,0561ˁ .2ˁ 01ˁ - .*4.60ˁ
0 6 *.6 8ˁ 150 2+8ˁ * 6.+ . 0ˁ ,105 6ˁ G+. -ˁ .4ˁ 0 -ˁ ,+ -ˁ 150 .ˁ - " 6+ -ˁ 06ˁ 5 .061 .ˁ
*1 + -ˁ +6ˁ :0""06ˁ 5. + -ˁ 08ˁ .ˁ 04 6 1*0ˁ .2 + 6ˁ ,+ -ˁ 0ˁ 5 .061 .*ˁ *1*ˁ : " 2+8ˁ - * ˁ
60 8ˁ 06ˁ 60 .0ˁ 14 0*4.0ˁ 04ˁ .4ˁ. - .ˁ 0/504 0*4.ˁ 06ˁ , . 6 .ˁ 4 : .*4.ˁ 40 6 *.618ˁ *ˁ 71, ˁ
3+0ˁ 6 50*4 .ˁ .ˁ + - - 1ˁ - 50 .61 0ˁ. , , 50 ,ˁ 4 ,0 0*6ˁ &0 + -ˁ + 6.57.8ˁ 71 - 1ˁ - ˁ
50 1 +8ˁ * 7 "40ˁ 0:0 6.60ˁ 0 - 6ˁ ' 06ˁ *03+.3+. -ˁ .+41ˁ 6 50*4 1ˁ 3+14ˁ ""0ˁ 0 02.6ˁ
04 6 1"28ˁ :0""0ˁ .4ˁ 150 .ˁ ,1*6 *+.*4.ˁ +209 6ˁ 6.*6.3+0ˁ 4 " 90*6 .ˁ 0 -ˁ .4 - * 6 .: 6ˁ
"6ˁ ˁ 4 0 + -ˁ 5.6 1ˁ - +* 6 1*08ˁ .4ˁ <+ 6. -ˁ ."6 6+4 *0 -ˁ 50 4+/0 6ˁ 0/, . : .6.ˁ 1" .ˁ 06ˁ
2 . ,7 1ˁ +57 .6.0ˁ *ˁ 0. *ˁ 40 :.61ˁ 6+ 2+8ˁ 0 04 8ˁ. ,ˁ 5 14+4 8ˁ - 10* 2+8ˁ - . ,7 * ˁ
3+0ˁ 50ˁ 41*0.ˁ *60 :. "".ˁ *ˁ 8ˁ 4 51 6 8ˁ 2."*0 8ˁ 06 . -ˁ ,1* 6 +4 8ˁ 3+1 + -ˁ .4ˁ : . ˁ
"06+4 *0 -ˁ ,1* 0 :.*4. - ˁ 3+.0ˁ - +*4 6 0ˁ - . / - 0ˁ ,1* 6.6ˁ 03+0*8ˁ 0 6ˁ *60ˁ %+ ,18ˁ
+ +8ˁ ,+ˁ 0ˁ 06 . -ˁ 0" 9 1* 8ˁ 15 * 1ˁ . , ,04 6ˁ (04ˁ *ˁ 150 0ˁ . 4+ 8ˁ 08ˁ *60 :0* 6ˁ
(ˁ S. "ˁ (056ˁ 3+.0ˁ ,1056.8ˁ - +* 6 1*08ˁ * ˁ <. -ˁ 0 0ˁ ,1* + - * .6.0ˁ + 0*6ˁ *60 ˁ
6+ 2. 0ˁ 516+ 6ˁ . -ˁ * 1" 6.0ˁ ""1ˁ ,10"1ˁ . ,ˁ 60 - 51 0ˁ * :0(ˁ 6.*6.ˁ ,15 .ˁ 0 + .0ˁ +*6ˁ
12ˁ : , * . -ˁ - 1*6 + - ˁ +6ˁ 150 . 1 + -ˁ - .*+8ˁ 91 0ˁ 61 50 0*6ˁ 06ˁ : /ˁ - 1:0*4 8ˁ " ˁ
91* 2+8ˁ 06ˁ 1*0 2+8ˁ 51 6.*4 8ˁ : 08ˁ 5 .0ˁ 90"+ˁ + ,0 0*6

&ˁ !ˁ 150 0ˁ 50 041ˁ 40ˁ +2 4 1ˁ %0 + -ˁ - 660*41ˁ 319 6.6+ -ˁ + 6ˁ
3+.0ˁ 40" 20 .6 1ˁ - . - 0ˁ 50 5"0/+ -ˁ + 6.57.0ˁ .* - + -ˁ 60* 6ˁ . - ˁ ˁ ,+ -ˁ 6161ˁ
, /0 , 6+ˁ 5 0ˁ 01ˁ 5 1 , 00 06+ ˁ - 0 61ˁ :0 02.6+ ˁ *0ˁ 0/ˁ 01ˁ : .* 6.6 8ˁ .5+4ˁ - + ˁ
.670 -ˁ * - +". 06+ ˁ 3+ˁ 0ˁ E01 9 .*18ˁ .4ˁ %+ , ,+ -ˁ 12 03+ + -ˁ 0409 "0ˁ +50ˁ
1 0ˁ .**1ˁ <.4. 06ˁ ˁ ." 3+0 -ˁ 0/ˁ 5+ 5+ .6 8ˁ ,+ -ˁ 5. 60ˁ 15 . + -ˁ 01ˁ - 660 06ˁ

ˁ Qˁ "",
ˁ %ˁ ˁ ˁ $ˁ ˁ F" . . ˁ ˁ G $ˁ ? ˁ + ˁ ˁ B ˁ '

' ""0' 1 0*40 06< 50 ,+" -' *' +. -'50 * , 0 -' 04+*4.6. . -' , 02.6' %. - 0* ' 66
' . - . -' 0 ' ,+6 ' . - .:0 .6' 0" , 6, ' *' E01 9 .' 90 ".0' 6+0 06+ ' ."". *0 -' . '
- . , '5+ 5+ .6+ - ' 0,70 - 06 8' "" +8 ' 3+ ' 616' . * *18' + - - .' ,+ - ' 9 .6 .0' 06' 5 + '
40*6 .0' ".+40' *. 6 , .0' $1 6.0' ,". :+ - '60*+ 6' " + - ' 40"09 6' 3+ ' 0. *' 0/5,4 *1 '
0 - ' +1' 50 ,+"1' + , 50 06' 8' - .9 ' .,'*12 " 8' *90* ': ' .,,056 8' '40"0 . 8'
06' - .9*.' . *.0 ' 71 40 ' "' .,' ,1 - - 0.6+8' ,15 .' 06' / ' .+ 01 + -', 1 ' *' : .* ' 0' 4.6'
,+ - ' . 0 : .*1' 5+ 5+ .61' 3+0 - ' 06' "" ' .66 2+0 .6' + 6.57.8' + - 3+0' .4' %1 '
- .* 8' .*9+ 6 .8' :0* ' .' : .' 40," * .: 6' *0' *0,0 0' 7.20 06' *60 ' - 504 618' ."6 8'
06' : . -' 5 .0, 5 6 8' 71 1 0 - ' *,+6 0*6 2+8' 5"0 + - 3+0' .2 +56. -' *,040 0k .,'50 '
- 04 . -' ": . -' 60 ' .,0 0' 6.6+ 6' G+. -' *9 0 "+8' 6.6 - '.2' " , "0' 06' (- 1*0 ' 3+ '
+"6 .',15 .8' $0 ,.8' ' , 203+ 6+ - ' *' "1, 8' : , * 8' ,1* 0 5 0 .6' , ,+ - +*4 6+ '
3+ '9*. '"1,1 + - '%+ ,18 ' *+*,' *' ".6+8' 06' 50 ' 1*60 - ' *+*,' .'60 91' 0 0*608 ' :. .'
50 60' . " /0 +*6 ' H *1' 06 . -' + 6.57.0' ? .0 0.0' *' " , .'5 .0 046' , .561' ,+ 6'
1 - * 2+8' - 504 6 0*6 8' ., - .*, 5 8' %.*40 - ' +50 .6 8' .*9+ 6 8' . ".* ' 3+ ' '
+"6+8' .2 0' *1""06 ' *' :0 6 9 1' - .*0 0' :1"+ 6' ,+ - ' 0 ".'%0) + - '60*40 0' 51 "06'
- 06+' - +".61' +6' E01 9 .*18' + +8' .400 6. - 0*' 0" ,0 06' 06' 51 6 8' *' .*9+ 6 . + - '
15., 8' - ./ - 0' .+, 2+8' 0/' E .0,1' - " 60 ' ,+ ' 0 : .*+8' 5+ 5+ .6+8' 5 .00 .6 ' * 4 8'
,+ - '2 4++ - '<. - ' ,1' *' "1,1' - 1 .6' , %0*6' %+ 4 ' 06' 60 6 1' .4' 60 '%, " " + - ' :0 +8' 0'
. ,, *90 0*6' E01 9 .*0' *,+ - 2+*6' 50 ' ".6+8' +"60 + 3+0' 5 1:0 6' - 04 ' *60 ' . '
.*0 - ' 06' 0 : .*+ - ' *' *" 4 .8' 5 .0, 5 6.*6' +"6' * 2 ' 1, , " < 5"+ 08' *' +9. - '
:0 ' 3+ 4. -' ,.56' ' 06' *' 8' " ,+" 8' 5 0' $0 .' ,+ - ' 1 - * 2+8' 6 5.61 2+8' + 8' 3+ '
. 41 0' 5+9* .*4 ' *,0* 8' .4' . ".*0 - ' + 3+0' 50*06 .:0 .6' *40' : 41 ' . ".*' +* '
40, - 1' 0/' 3+1' ,. 6 8' 4 ,4%0 .6' 4 0' %0 " - - '6 .* - "2' . /0' *6 .: 6' 06' .4 :0*6+'
+1' 5 .0 4 . 18' <. - 5 40 - ' ,+ - ' . - 0' "+4.*60 8' - +"6+ - ' 0, 0. : 6' ' 3+1 + - '5"0 '
3+0' <. -' *04 .' 0*04 ' 5"+ 08' - 1 2 8' 402 " 6.6' - +* 8' - " 6. 2+8' 120+*4 8' *+6 "08'
0 .*6' /51 61' ,1 - + 0.6+' 06' ,1* - .6 8' .4' 5.6 0*6 . - ' - " 6 2+8' 06' .7. - 060' *40'
,4+41 ' 3+14' - *+8' - " 6' ., 056+8' 0 "06' 0<+ 3+0' "1,1' ,7 - 060' * 51 61' . /0 - '
6 .* - 66 6' 04' +2 ' .4' .*9+ 6 .8' :0* 6' ,59*"61' "1, + - '4+4.' 1 ".'61 - 0*6 8' .2' 71 60'
- +* 6+ - ' .4 - 14+ - ' .* *.1' 6+ 2.6+('0 6' ,+ - ' ." . - ' 3+.' *,04, ,6' ; . - ' 9*1 . 06'
06' *' 1 .' +50 .*4.' - +"6+ - '50 ,+" ' +20 "0' *60"" 90 06' .0 0*6' 5 .0 61' + 6' " B
,+" 8' 3+ ' " 20 6.60 - ' 5.4+8' ' 0/' "" 8' .*9+ 6 8' ,15 .8' %+ , ,.8' 0/6 ,. 06' 4.6.' .2'
. ".*0' 40' 0+ - ' *' 6+6+ - ' 50 ' .: .' 404+/ 6' 3+14' 6. *6+ - ' 20*0 , + - ' *9 .6.' ,. '
: "".6 1*0' 050*4 6' . ".*k' 06' *' 5160 6.60' +.'51 6+ - ' *09. : 6' 71 - *0 - ' *' 5 10" 1'
.' - " 6 2+8' +"6.* ' - .*+ , .56+ - ') 20 6.6' 0 6 6+0 0' < 04' + +8' 40 - ' 12" 9. : 6' 1 - '
0 ' 150 . -' 0' 4.6+ + - ' 06' .5+4' + 6.57. - ' 06' - + .670 - ' 5 +* ' 5 1,+ .6+ - '
+6' 5 0' " 20 ' 4 - 660 06+ ' 6.' : 6.6 8' (- 1* 8' * 4 8' 60 ' 5 1 0,+6+8' 0 6' &, +* '
,1* " + - ' *1*' 5 1,0"""" "0' *4 9*.6+8' (- 1* ' 3+ ' *0 0 06' 3+1' : . + - ' 4 .,0' %+ , '
* 4 .8' : 6. 0' 516+ "0*6 ' +"6 1*0' . 40*8' +"6 - + - ' .9 - 0*' ,. 5 6' 06' - 50 - ' 4 "5. '
- +"6 8' 1, , 8' .56.' *' 01' ,1* 6 4+' .7. - 06 8' * 50 ' %0 " ' 5 .0 04 0' 9 .C. ' ,6'
5 +8' . ".* 8' - 504 - 0*6.'1 - * .' < 4 0+ 0*60' 7+0' ""+, ' (- 1*0 ' 6' 1 60' " ,+" * '
3+0 - '" 20 .60' *' .* - 1' 7.202.6' *.*, 0' 51 "06' &0 +* ' 8' *' 5 - 1' .9 - *0' 4 "?
90*60 ' ,+ 614 6+8' "1*90' <. - '5 .0,0""0 .6' . ".*' 6. *40 - ' 14. :1 ' 51 63+. - ' %0 " 1'
5 1 04+8' +0 .6' 4 0' *' ,. 0.' . . - ' 04 6' 12' 0 - ' 0" , 60 ' 90 6. - ' .' + 6.57.'
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JACOBI AUGUSTI THUANI
HISTORIARUM SUI TEMPORIS
LIBER SEXAGESIMUS OCTAVUS.

EPITOME.

A*PUD nos, aula in luxum effuſa, rex novis rebus ſtudet. Ordo Sancti Spiritus, abolito conchyliato a Ludovico* XI *inſtituto.* II. *Edictum poſt comitia Bloeſenſia in ſenatu promulgatum.* III. *Collatio Neraciana in acta curiae refertur.* IV. *Inter Turenium et Duracium atrox ſimultas.* V. *Jo. Monlucii Valentiae epiſcopi deceſſus, et elogium.* VI. *Regina Toloſanum ſenatum monet, ut de ſeveritate contra Proteſtanteis aliquid remittat: inde in Allobroges tranſit, et fruſtra cum Bellogardio et Damvilla agit.* VII. *Fr. Momorantii obitus, ingenium, virtutes.* VIII. *Navarri ad Mazeram in Fuxenſi comitatu conventus.* IX. *Buſſii caedes a Monſorello patrata.* X. *Juridici Auguſtoriti dies.* XI. *Condaeus Faram ad Eſiam occupat.* XII. *Conventus ſacri ordinis Meloduni.* XIII. *Tumultus Lutetiae ob negatas a ſacro ordine penſiones et decimarum praeſtationem, renovato in decennium contractu, compoſitus.* XIV. *Genevae patrocinium a rege in renovatione foederis Helvetici ſuſceptum.* XV. *Jo. Aumontius tribunus equitum creatus.* XVI. *Joannes Caſimirus in Britanniam tranſit. Poſt Carpam vi expugnatam Germani ad Endoviam caeſi, et minus honeſta pactione cum Farneſio tranſigunt. Caſimiri cum Ordinibus diſſidium, et e Belgio in Germaniam diſceſſus.* XVII. *Farneſius, Antuerpia tentata, ad Grobenduncam G. Schetti arcem vim facit, et pulſatam deditione capit.* XVIII. *Unio et pax religionis Ultrajecti, Arauſionenſe auctore, ſancitur. Silva-ducis unioni refragatur, ut et Gallobelgae.* XIX. *Tornacum et Cameracum in poteſtate Ordinum manent, Silva-ducis nutante.* XX. *Antuerpiae plebs ob ſupplicationem publicam tumultuatur: item Mechliniae.* XXI. *Ecmondanus irrito conatu Bruxellas tentat.* XXII. *Brugis res turbant.* XXIII. *Trajecti ad Moſam obſidioni inſtat Farneſius, ac tandem urbem capit ac diripit.* XXIV. *Coloniae inſtitutus de pace tractatus. Acta utrinque publicata. Plerique procerum ab Ordinibus deficiunt.* XXV. *Gandenſes ſolemnia inſaniunt. Mechlinia ab Ordinibus deficit: et Willebroca eodem tempore ab iis recipitur. Briela fruſtra tentata. Meningae ab Ordinibus receptae. Curtracum ab Alenio fruſtra tentatum. Warveca a Fr. Lanovio expugnata.* XXVI. *In Friſia res geſtae. Groeningenſibus unioni Ultrajectinae ſubſcribere recuſantibus bellum indictum, qui poſtremo eam acceperunt.* XXVII. *Ob militarem diſciplinam in Tranſiſelana motus.* XXVIII. *Ordines, irrito Colonienſis conventus exitu, de patrocinio alicujus principis praepotentis implorando cogitant.* XXIX. *In Hanſeatici foederis renovationem Vandalicae civitates formulam cum Edvardo* IV *initam urgent. Hamburgenſes poſt ſexennii diſſidium cum Dano tranſigunt.* XXX. *Andinus ad Eliſabetham venit exiguo comitatu. Perſcriptae matrimonii conditiones.* XXXI. *Anglia ob id religionis cauſa turbat. In Scotia et Amati Stuarti Albinii adventu res turbant.* XXXII. *Novi motus in Hibernia excitati a Fitzmoriſio. Hiberniae deſcriptio, ſtatus ab anno* CIↃ CLXXII. *Fitzmoriſii in rixa miſerabilis mors. Malbeii cum Deſmoniae comite geſta. Gul. Drurii morte res reginae conturbatae et foederati animos reſumunt. Gul. Pelhamus, accepto armorum imperio, contra Deſmonium ducit. Hiſpani ad Strangicallium*

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- * 2+8' <. -'.' - +"61'60 - 51 0' 7+ ,5 .0, 5++ -' *12 " 6.6'
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0 - 5"+ -', 0.60',1* " 1'.*60' 3+.4 0** +*'.',. 4 *."' 167. *91' 6.6 -'.63+0' *'
09*+ -':0* 6' + - 561' 3+'0.' 50' 4',1*" 09' 4040 .6' ,+6' .4.2. - '+6',+ -'
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,1* "+0*60' - +"6 6+4 *0' ." 18' 5 1'." 8' "+5516 6'51 "0' 43+0' ." 3+16' 0/0 - 5" 8' ,1* 6 '
6 "06' . *.2.8' "2* +8' .4:1,.6+8' 09 +8' +6' 12: . ' ."" 6.6 2+8' 06+ ' 0*.6Z '
19.: 6' :0""06' <+20 06330' +6' *' 51 60 +*'5. 608', *6 .4 2+8' +6' :."0 0*6' +2", ?'
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.6. - ' 7.2+ 6' / :'S."' 5 ' *0' 5 1 - +"9. 6 1*0' 5 1' 60 - 51 0' ' 3+ .0 ' 2 0* * 1' 40 *'
0". 5 1 ' 51"" 'J"0/ . * . - ' ,1"". 6 1*0 - ' .4.'0 6' , +6' +1'"1,1'4 ,0 - +8

& ' 7 4' , + - ' 09 * . ' > 9 * * + - ' :0* "06' , *1: . 6.' *60 ' 0* , + - ' '%+ + - '
%+ 0* .0' : ,0,1 - 60 - ' 3+ ' 5 1/ - .' ,19* . 6 1*0' 09 * . - ' ,1*6 *902. 6' . ,' +5 0 - +8'
S . : . ' "09. 6+8' 0 .6' 06' + .418' . 6 1/' - +"6. 8' 6' , + - ' 0/ 6 .2 " ' 5.0*0' %+ 0* '
0/ 6+ '6, - * . 6. ' *60' 6 0* * + - ' . - 161' .' 2 . 6 90"1 ' 3+14' ' .2 06. * ' 5 *, '
5. 6+8155 4+ - ' 0 6' 5 .0 04+ .' D (. : "" . *1 ' U + 1 6 +8' 1 . * +8' *' 0 +8' "1, + - ' + '
04+8' +0 .6' 8' - 06+0*8' *0' (. : "" . * +8' 5 .0 04+ .0' 0 6 6+0 06+ ' "1,1'4 ,040*8'
DE. 0* * 1' 5 - . 1' ,0*6+ 1*0' - . *4. :0 .6' *0' 3+0 *' *6 .'155 4+ - ' : 2+8' 5 .0 '
51""0*60 - ' .4 - 660 06' + - '%+ 0* +8' 5 1' - 50 1' 3+14' "" ' .' . : . 1'4. 6+ - ' 0 .6'
51 6. 8' .50 ' - 1' 0*0 1' <+20 06' E. 0* * +8' 71,' 0' 451* 1' 0/ , + . : 6' 3+14'
""0' .4' . * - + - ' 0:1, . *8 ' 12: + - ' 51 60.'<+/6.' 9 * * + - ' 1 . * + - ' * .4+8 ' 40' *<+ .'
2 ' .6 8 0 ' 51 6+". : 6' 08' *40 .4' 7+*,' . * * + - ' 0/6 .4. ' 3+1' + . , +8' 1 . * ' .60 '
9 * * + - ' .4' 09 * . - ' ."+6. *4. - ' : , * 6' . ,' - 1/' 1 . * +8' , + - ' 0, +6+8' 0 6' &1, . 6+8'
.' + . , 1' %+ 0* +8' , + - ' A1. * *0' E+*6. "41' 1*1' (. " 9* . ,1 .4 . 0*. .8' *' 5.'
A E. + - * .0' +2<04. 8' 0/6 .' + 20 - ' + - *1' - . * ,'40 ,0*4 6' / : 'S."' 5 ' 06' 51"" ' ." '
3+ . *6+". - ' - 1 . - ' + . , ' . 6 08' 0140 - ' :0*0 0' %+ 0* +8' , + - ' 1 . *1 ' + . , +8'
, + - ' (. " 9* . ,1' 5+9* . : 6' 3+0' 0/ 6+8' 5+9* .0' 6' +6' %+ 0* +8' - +"6 8' : +"*0 2+8' .'
60 91' 06' *'". 6+8' . , , 056 8' 5 1' - 1 6+1' 6' 4 4+8' < *' 3+ .' ""0' 2 ' . +40 - ' .4. - ' 3+0 '
02. 6+ ' 3+ 550' , + - ' 1". * +8' "1 , .' +26+8' 604+8 ' ,1*6 .' 3+ . - ' .4 - . :0 .6' :0 '
* ,6' 06' 5 0' .' 5"+ 2+8' , , + - :0*6+8' .63+0' .401' .2' 5 1' + . , 1' + "06' 3+14' 06'
. 561' 5+2" , . : 6' 0' 3+1' 11* +"6+8' ' 2 1 - 1 . *6 +8' . - : "". ' . : +*, +"+8 ' , + - [illegible]
6' 9.67.0'0" 06' 5 1,0 + - ' 06' ." 1 + - ' 0' *12 " 6.60' - " 6. + - ' : 1 + - ' 3+ ' , , .' 0+ - '
0 . *6' 19. 6 8' 0*60*6 8' 0"51*4 6 /'S."'A+* ' 3+ . *41' 6. *' *4 9*0' %+ 0* +8' .' +B
. , 1' .0' 1 . *1' .6 2+8' 7.2 6+8' + "06' " ,0 0' 0 ' ." .' 3+ . : 8' : . ' 3+ . - ' 50 ' + + 5. 6. *'
*60 ' *12 "0 84+0"" ' . 6 1*0 - ' 40' 50 , + "2 2+8' . ,'50 4 8' 510* . - ' 051 ,0 0' 09 * .'
0 - ' *4 9* * 0' 6+" 6' 06"09 2+8' *' . 6 08' +9 6 :08' .9 '&1"02. 6' ' 04' . %+ 0* 1' 0/ '
1 .6.'<+ 8' 5, 0, +6 1*0 - ' *60 - 6

& ' 'V %1"1 . - ' ,1* ,0 6' ' (056 - . * .0' 0* . 6+8' 040 - ' <' +2 ' , + - 'A1. * *08'
1*"+, +8' &."0*6 .0' 05 015+8 ' 3+ ' +50 1 0' . * *1' .4' 08' *' ? (056 - . * .' ,1 - 51 '
*0*4. 8' 5 .0* "+8' +0 .6' .4' , . - ' :0* "06' +6' 3+1' 6. 6+ 080 "0*6' 0. *' 5"0* +8' ,1 . - '
041,0 ,6' .09 6+4 *0' 0+' 0/' 0* 1' :0' 0/' * - .' *' *0916 8' ,1*60*6 1*0' ,1*6 .4. '
".21 . 0' ,105 6' 3+ .0' 5 + - ' ." 3+16' 51 6' 4 02+8' .2 + - 5 6' <+8' 616 08' .' *12 8' 71*1 '
,0' .4.' - 0*6 1' *1*' 5. 6 6+ ' +6' "1*9.' 0506 6 1*0' 71,' "1,1' +6. - + ' %. *6+ - ' 71,'
4 / ""0' + , 06' < + "0': + - '414 * .' 06' . * - 1' 5 .0 6. *60 - ' 06' ,1*,1 4 .0' *' 0, , "0 .
. , 0*4.0

- ! / 'G">"' ' ' 0 D ' b' '+' , $' ' '5 .' ' '+ ,
- , . & ' ' ' > ' ' ' , ' '> ' '4 ' ' ' . ' '> A' '
6 ' ' 3' ' ' $' A' : ' V' '+ 6
e' '8 # '0 !$ B' '9 ! ! $ ' '0 !# $ 8' ' , $' A '9 ! ! $ 2 ')!#" '
! ' " / ' '8 ", ' I - ' 2. ' ! !# ' ." $ I' !
' ' ń E

' . 40*4.0'50 6+4 1 + '3+ .2'.41"0 00*6 . .0 8'.44 4 8'51 63+. -' *' .+". -' :,* 6'
1) ' ' + - - 8'*0916 8' 0'5. 0 -'5 .02+ 6'06'0. 4 *."8'6167. *9 '7 .9*1 + -' *90* 1 + -'
'0.' .+61 8' .:1 0' +2"0:.6+8' 50 - +"6 8'"09.6 1 2+8' +* - .' ,+ -'5 +40*6 .0' .,'
0" , 6.6 8'".+40' 40 +*4 +8' 0 6' ' .,' 4+.2+8' *' 5 - 8' *. -' (016 ,. -' 06' ." .8' 1 - 661'
1* 6.*6 *151" 6.*. '06' ."60 .' $1"1* ,. '3+.'5 .060 '1 - * + -' 50 -'0 0, 6' +6' .4'
09*+ -'6161' 7 6 .*1'1 20'5160*6 "<*+ -'06' . - 5" 6 - + - '3+14'(9 - +*41' +'
9+ 61'" *0' 5 1"0' 40 +*41' .4' 0"04 1*0 -' 04 0 .6' ,1* 0*6 0*6 2+8' ,1 - 6 1 + -' +'
.9 8'4+/'? *4 + -' 0* ,+8'616' ,1 - 506 61 2+8' 0< 04 8' :1,. 06+ ' &0 + -' 0*B
,+8'3+'.+".0' E."" ,.0'40" , .8' ,1*6 .'3+14: 8' 09*+ -'0/60 *+ -' .0 6 - . 06'0"04 1*0'
" .'0/ " + -' 2' .' - ."0:1" 8' *4 4+ -' *60 5 06.6+ ' - .". -'9 .6 . -' 1*"+, 1'6.*6'
71*1 8' ,1*, " .61 ' 050*4 6' 06' < 0' 0 - 50' 40 * ,058' ." 0*+ -' .2' 01'5 .02+ 6' & '
, -' 1*"+4+8' 5 0'3+'71*0 6. -' .06.6'0 - 0 6.0' 3+ 060 -' 41 - ' 50 . 0' 516+0 .6'
- 5 - 40*60' 0, 6' 3+14' :0""0*6' .+ 0 -' 01' - 1*0*6 3+0' +6' 0,056+' ,. *0 06' *'
60 - 51 0' *1*' 5. +0 6' .*60 +. -' 5 14+4.' .4' 40, 05 6. -' 0*04. -' : 6.' ,+ *4 8' 40'
504+8' *60' - +" 0 ,+". + -'9 090c' *' .+".'40 ,0 06

& ' # ' 02+8'%1"1".0'1 4 * .6 8' ,1 - 50"".613+0' 0*.6+' .,' - 1* 61' +6' 40' 0'
:0 6. 0'5 6 *.' 0 - 660 06'06' 0' 40 * ,058' *' *60 5 06.6 1*0' 04 4' *'$ 160 6.*6 + -'
9 .6 . -'*+50' ,1*4 6' .03+ 1 0 -'5 .020 06'50 " . ,. 1*. -' 60'7.2+ 68' ,1 - 51'
"6 3+0'5 .0 0*6 .' +.'3+'*1:' *'4 08' +21 02.*6+ ' *' (056 - .* .' * 0 1 0' - 16'
2+8' *' 457 * .6+ -'50 0/ 6'+2' 08' - .9 8' ,."02.*6' 09 *. -'0/'(056 - .* .' ,+<+8'
5 .0 08'0 .6' ,' +". 1*. *'+"3+0'3+.0'*+*,'!< .6 .*151" 8' 0 6'5 1 0,+6+8' +0 .6' 0*B
,+8' 1 - 1 .*6 48' . - : " .N' 3+1'06.4'0. *' :0* 6' - - .*+0"'$7 " 20 6+8' (.2.+4 .0'
4+/' +6'50' ' 0""19. 4 ' .2 0) 6 . -' ,+<+8' ,1* " .' *'1, ,+"61' 1:02.6' ,1""13+ 1' *'
60 :,*< 06' 06' 0/ ,+ .6 1*' 06+ *'*+50' *' D(."+, .*1'5 *, 5.6+'90 6. + -' : . -' 60 '
*0 06' 2' 0) 19. 4 +8' +50 1 0' .**1'12' 0.8' 3+.8' 4 /' .+" '3+ 2+8' 06' *1: .0'3+.8'
- 1/' 0 0 . -' . , ,0 "0 +*6'+"6 1* 8' 1,0. 1*0 -' ,.56.*8' 5, 'E1 4' - 1 60 -' ,+ -'
,1""13+ 1' ' +/06+ -' *4 41'*1*' *60 06'8& "". - *1: . -'<+/6.' :0* 1*0 *' ,1*'
00 0 .6' +2' 71 - 1'16' - 54 078' ,+ -' - .64 . -' 02+8' *1: 8' 3+.0 0 0 ' 40' + 20'
15+"0*6.'6.*.' : , *.' .6+' *60 , 5 0*4.' ,+ -' $06 1' '$.*90 1' * 0" - 1' 'E.+6 1
0 "0 1' '06' ." 8' 50 4 6.0' : 6.0' 71 - * 2+8' ,1*" " + -' ,050 .6' ' 06' 5.+" **' 08' .2' 0/'
6+' + 0', 04 6+ '" :0' .2' 01'5 : .6.0' +6 " 6.6 8' ,.+^'60*6.6.'" :0' +6' - .<1 0 -' 40' '
4+, . -' $ 160 6.*6 + -' .* - 8' - 5 - 0 06' < 3+1 + -'9 .6 . -' .4' 0.' 3+.0' - 04 6.'
2.6+'0/03+0*4.'" 2'*0,0 . . -'4+,024' . -'6. -' * 9*' *<+ .'51*6 ,' ".6.'
,+ -' 090 -'*0,0 . 1' * 0 6+ -'7.2 6+ +8' 0 06' 0 6.2.6' +6' 150 . -' +. -'$ 160 6.*6 '
2+8' .63+0' .401' . : . 1' .44 ,0 06' ,+<+('15 2+8' 0' ,1*6 .'616' 5160*60 8' * - 418' 6+0'
06+ ' (04' 0' 40604.' ,+ -' ,1* 0 '3+ 4. -' *' + 20' +55" , 1' . 04' + "0*6' - 1/'
- "2' .'51*6 ,0' '$; 71' .":06 1' ,+ -'*1: 8' 5 .0" 4 . 8' ,1*" " + -' 0""19. 4 ' '
6+ -'0: . 6' '0/'3+1'6. - 0*' 4' ,1 - - 14'6+" 6' +6' ,+ - *40' *'(+2."5 * . -' 09 1*0 .'
60*40 06'50' 457 * .6+ -' 6 *0 0' .41' . 4 1 0 -' . - , 6 .0' ,+ -' J .*,' 1*.'
9+ 0 1' 1040 .6 1*0 -' ,1*6 ./, 6'< ,+<+8' 06' 5 .0 0*6' .4' 4' 3+14' * 6.2.6' 150 .'
+ +8' 0 6' *. -' *1: .0' .4' 0/ . ,0 2.*4+ -' - .9 8' .,' - .9 8' " +8.* - + - .+ .0' . , ,0 "0'
.*6' 0/' 0.'1, ,."1*0' + .*60' .47+,' ,1*6 .'$ 160 6.*60 8' 20""1' .*60' 5., , .6 1*0 -'
,+ - . - : "".'01 + -'5. 608' 40 0 + 6' . , ,0561' .' 090' 0/0 , 6+' ,+<+8' 5. 8' 0""19. 4 1'
,1 - - ".'0 6'5 151" 6.' . - : "".0' ,1*4 6 1' +0 .6' 71*1 , .'06 - . / + 0' *' 50, 0 -'
+4+1 .' 04' 0:0*6+' .) ./' 3+.' . - : " .0" - +"' 06 0" 19. 4 1' 3+' . - 21' .03+0
09

& ' % ' ' (' $' $' D06 7 + - 14' +' - " 2+N50 4 6.0' + +
$' ' ('
AA]]' ' '4' ' ' [
' D: ;&.' 2 9 ! 'K 2' ! / ' ' 2' 2 ")
'/')' 8' ! , ' A -, ! !d '( ] # " '2 - ! " $'5 '9 ' ' ; ! #'
, 66' ' ! ! ' # ' ')$'

09 ˁA+"50 6 ˁ0 . *6ˁ ""+402.6+ ˁ)0.3+0ˁ " 0ˁ 5 +8ˁ 0""19. 4 ˁ6.*3+. - ˁ5. . ˁ150 .ˁ 4 !ˁ
0/ˁ0/ˁ 09 *.0ˁ5. 0*6 8ˁ,1* " 1ˁ+ +8 +0 .6ˁ .ˁ0 .6ˁ +6ˁ . - : " .ˁ(."+, . + - ˁ5 *, ˁ ˁ ˁ
5.6+ - ˁ6.*3+. - ˁE."" , .0ˁ ,1 1* .0ˁ20*0 , . +8ˁ .ˁ 090ˁ . , , 50 06ˁ 06ˁ (056 - .* .0ˁ5 .0ˁ
0 7 . - ˁ0<0 . 06ˁ3+.0ˁ *60 ˁ 0""19. 4 + - ˁ06ˁE+" 0" - + *<1+ . - ˁ . - : "".0ˁ"09.6+ - ˁ
6.ˁ4 : 40 06+ ˁ+6ˁ 50 1 ˁ(056 - .* .ˁA1+ .0ˁ * 0 1 ˁ3+.0ˁ. - 5" 1 ˁ0 6ˁ 0""19. 4 1ˁ
.66 2+0 06+ 3+ ˁ(."+, .* ˁ5 *, 5.6+8ˁ. ,08ˁ06ˁ155 4. * . - : "".0ˁ - .*+8ˁ,1* 9*. 0ˁ
60*0 06+ ˁ 6ˁ . - : " . ˁ 3+ ˁ3+ 4ˁ 66@ˁ7.0,ˁ:0""06ˁ50 - +6.6 1ˁ *1*ˁ 9*1 . 06ˁ .+ ˁ
40 - ˁ 40ˁ3+.ˁ "" ˁ +21"+0 .6ˁ4 - +".: 6ˁ' 06ˁ 0""19. 4 1ˁ.,ˁ50 ˁ0+ - ˁ 09ˁ 50 - ˁ 0, 6ˁ
+6ˁ3+. - ˁ5 - + - ˁ 08ˁ,1 - 51 6.0ˁ0 "0*6ˁ,1*4 6 1*0 - ˁ. , , 50 06ˁ J.,6.ˁ40 *ˁ5.,0ˁ 08ˁ
,1""13+ 8ˁ 0, 06 8ˁ06ˁ50 ˁ *60 *+*, 18ˁ 4 *ˁ .9 6.6.ˁ + 6ˁ 06ˁ,+ - ˁ - +"6.0ˁ4 ,+"6.608ˁ
*, 40 0*6ˁ6+ *ˁ "". - ˁ - 5 - 8ˁ 0 - ˁ+ 90*6ˁ 0""19. 4 1ˁ12< , 02.6ˁ . - : " . ˁ3+1ˁ 0ˁ
71*0 60ˁ.ˁ 40ˁ4.6.ˁ, 6 .ˁ 09 8ˁ1 0* 1*0 - ˁ0/,+ . 06ˁ3+14ˁ 09*ˁ"09 2+8ˁ ., + - ˁ,1 ˁ
1* .0ˁ5.6 - 1* + - ˁ." 0* .60ˁ 09 2+8ˁ11*ˁ) ,0.6ˁˁ 6.3+0ˁ .*60ˁ1 - * .ˁ50602.6ˁ+6ˁ .4ˁ
50 - +6.6 1*0 - ˁ "". - ˁ :0ˁ20*0 , ˁ,4.,0" 1*0 - ˁ ,1* 0* +8ˁ1 4 *+ - ˁ. , ,040 06ˁ 06ˁ
50 - +6.6 1 5 . :0ˁ,1*,0 1 *ˁ 0*.64#$. 0* ˁ .,ˁ,+ .ˁE .6 .*151"6.*.ˁ 6+ˁ 2 ˁ
"0 - * ˁ5 1 - +"9. 06+ ˁ 6ˁ 09 *. ˁ3+.0ˁ 4ˁ,1* 0 6+ - ˁ*1""06ˁ60 9 :0 . ˁ06ˁ 0 - ˁ * ˁ
: 4 .0ˁ5"0*. - ˁ4 ,0 0ˁ 6.3+0ˁ0/504 6 +cˁ: 4, ˁ+6ˁ.2ˁ0/0,+6 1*0ˁ *, 50 06+ ˁ3+.ˁ 0ˁ
,+6. ˁ06ˁ1 4 *08ˁ, 6 +8ˁ. "0* + 18ˁ 06ˁ5 1 - + 9.6 1*0 - ˁ.ˁ 09*ˁ,+ 8ˁ ., " +8ˁ126 *0 ˁ
51 "0ˁ *03+0ˁ:0 1ˁ0/0,+6 1*0 - ˁ5 . ˁ *: 4 .ˁ,. 6+ . - ˁ * ˁ, .+6 1ˁ *ˁ 0.ˁ .47 20. ˁ
6+ ˁ 6.3+0ˁ + +8ˁ,/504 6+ - ˁ: 40 ˁ+6ˁ,1* 9*.6 1ˁ"1,1 + - ˁ.ˁ 0""19. 4 1ˁ*1*ˁ 04.ˁ
*ˁ . - : "".0ˁ 04ˁ *ˁ ,3+0 6 ˁ.ˁ 090ˁ40" 90*4ˁ - .*+8ˁ .6ˁ3+ ˁ0.ˁ51 6ˁ1 4 *+ - ˁ,1* ˁ
0* + - ˁ06ˁ,+ . + - ˁ5 1 - + 9.6 1*0 - ˁ . - : "".0ˁ6 .4.6ˁ3+14ˁ01ˁ,1* 1ˁ 02.6ˁ+6ˁ
0140 - ˁ60 - 51 0ˁ 0""19. 4 +8ˁ (."+4.*1ˁ5 *, 5.6+ˁ06ˁ . - : " .ˁ (056 - .* .0ˁ5 .0ˁ
04+ .ˁ0/+0 0*6+ ˁ06ˁ" 20 + - ˁ0""06ˁ 09ˁ51 60.ˁ +6 . - 3+0ˁ5 1: *, . - ˁ3+ 2+8ˁ:0""06ˁ
.66 2+0 0ˁ **.8ˁ A1+ .ˁE+" 0" - 1ˁ5.6 ˁ(056 - .* . - ˁ *609 . - ˁ50602.6ˁ 0 *. 4+8ˁ
.+60 - ˁ, 19. 06+8ˁ&."06.ˁA1.** 8 +41: ,ˁ .60 ˁ(."+, . + - ˁ5 *, 5.6+8ˁ5 .0 04+ ˁ
. - ˁ. - 2 02.6ˁ (04ˁ 0""19. 4 +8ˁ. - 2 6 1*0ˁ,.0,+8ˁ .+40 - ˁ3+. - ˁ . - : " .ˁ5 .0ˁ
0* 0 .6ˁ *1*ˁ: 402.6ˁ 6.3+0ˁ 4+ - ˁ 0 - ˁ,1* 04. - ˁ,+5 6ˁ ., "0ˁ5. "+8ˁ0 .6ˁ+6ˁ .B
1"+8ˁ ˁ .9+8ˁ 0*.6ˁ ˁ,. /" *." 8ˁ .60 ˁ 03+0 60ˁ.ˁ 090ˁ40"04+8ˁ(."+, . + - ˁ
, : 6.60 - ˁ06ˁ. , , - ˁ51 0 + - ˁ:0*6 06ˁ G+14ˁ,+ - ˁ: , " - ˁ *ˁ(056 - .* .ˁ .,0 0ˁ 0,+ ˁ
. 06ˁ . - : " . ˁ5 + 3+. - ˁ 40ˁ3 4 *+*.ˁ,1* 0* ˁ06ˁ,+ . + - ˁ5 1 - +"9.6 1*0ˁ 2ˁ
,0 61ˁ,1* 6. 06ˁ6+*ˁ:0 1ˁ 0ˁ40"+ + - ˁ 0 1ˁ.9*1 ,0*8ˁ 0""19. 4 +8ˁ3+ ˁ+6 1"3+0ˁ40 ˁ
, 5 0*4ˁ.* - + - ˁ7.20 06ˁ01ˁ - .9 8ˁ0/,.*4+ 6ˁ06ˁ *<+ . - ˁ 2ˁ .4. - ˁ: ˁ.50 6.ˁ+", , ˁ
6.6+ 6ˁ 6.3+0ˁ,+ - ˁ 9+ 0 1ˁ .9 6< 06ˁ .*, 61ˁ,+ - ˁ01ˁ. 4 1 0ˁ 1040 0ˁ +50 .6 8ˁ
"5 2+8ˁ D . - .* 1".* ˁ60*4 6ˁ3+. - ˁ06ˁ 0 6 *.6 8ˁ150 2+8ˁ - +* 0ˁ 090ˁ*1*ˁ,1* ˁ
+"61ˁ,105 6ˁ 40 - ˁˁ .:0" ˁ .91*0 .0ˁ 0*6." ˁ06ˁ 0 - 1*6 ˁ0@+8ˁ<+ ""ˁ .4 6. ˁ
6+ - ˁ 6ˁ3+ .ˁ 0""19. 4 +8ˁ<. - ˁ+"60 +8ˁ 0ˁ5 1:04+ - ˁ 0*6 02.6ˁ3+.*ˁ+6ˁ6+6+ - ˁ
40 *,058ˁ.4ˁ 09 8ˁ9 .6 . - ˁ 09 0 "+ .ˁ 50 . 0ˁ51 "06ˁ * 6 9.*60ˁ(.2.+41ˁ4+ - ˁ - +".6ˁ
0ˁ$ 160 6.*6 + - ˁ5. 6 2+8ˁ 6+40 0ˁVˁ 0 1ˁ,+ - ˁE.") , ˁ*1 - * 8ˁ71 6 2+8ˁ.9 6ˁ G+14ˁ
51 60.ˁ " + - ˁ 5 + - ˁ3+1ˁ5 .0, 5+1ˁ0.ˁ *ˁ 0ˁ - * 6 1ˁ+602.6+ ˁ .67+ *+ - ˁ8ˁ . 60ˁ
+ - ˁ3+ ˁ." 3+.*41ˁ.2ˁ05 61" 8ˁ . - : "".0ˁ +0 .6ˁ5 1 6 6+6ˁ5+41 8ˁ .,ˁ 40ˁ71 - ˁ
*0 - ˁ3+ ˁ6.*40 - ˁ4 9*+ - ˁ.*60.4.ˁ: 6.ˁ0/ 6+ - ˁ 1 6 6+8ˁ0 6ˁ,+ - ˁ+*.ˁ50ˁ(056 - .* . - ˁ
60 ˁ .,0 0 - +8ˁ - 7 ˁ*. . 0ˁ 1" 6* - ˁ - 0 - * ˁ 9 6+ ˁ3+1ˁ 0 - ˁ - .9 8ˁ6090 06ˁ 0""1 ˁ
ˁ9. 4 +8ˁ,15 .8ˁ50ˁˁ *9 +* . - ˁ$ .9,".60* 0 - ˁ06ˁG+0 .,0* 0 - ˁ:." 0 8ˁ+2ˁ71 - *08

0 0

& ˁ % ˁV 0 2ˁ,+ - ˁ$7"551ˁ 5.ˁ 018ˁ - .9 8ˁ ."0 06ˁ,060 - - ˁ0<+8ˁ .+5 4 8ˁ .,ˁ,1 - ˁ
*. + - ˁ 090ˁE."", ˁ*1 - * 8ˁ71 60ˁ06ˁ.0 - +"1ˁ. 6ˁ - 141ˁ90 6 - + - ˁ51) ,06+ ˁ G+14ˁ ++ˁ+ ˁ
06ˁ ˁ.+ 01 + - ˁ, 5ˁ *ˁ *9+"18ˁ - 0* 08ˁ4+ .*60ˁ 4 ˁ " ˁ
20""1 ˁ5. 6+8ˁ 20""+*< 0ˁ$ 160 6.*6 + - ˁ: 2+8ˁ3+1

ˁ%ˁ ˁ ˁ$ˁ ˁ# " !)ˁ ˁ;)ˁ 8ˁ ˁ9 ! $ ˁ' $ ˁ;# # ˁ ˁ ˁ ? ˁ
; $ " ! $ 20 , 2ˁ8# ! # !# ˁS ˁ8 " !#ˁ ˁ # $ 2 5 - ! !
; = %7ˁ =

F= ʿ , ! ʿ ʿ ʿ ' ʿ ʿ

ʿ 0 0ʿ $ 160 6. *6 + - ʿ 41 6 * .0ʿ .44 6ʿ ʿ +*6ʿ ʿ ,1* E 26ʿ< 06ʿ .ʿ 9+ 0 1ʿ ʿ ʿ 50< R08
' # ʿ ʿ 06ʿ , , ,ʿ 03+ 608ʿ 4+ ,0ʿ .%+ 1ʿ E+20 *061ʿ . , , 5 6ʿ 5 .060 0.ʿ 0/ʿ 8ʿ 4,",!R 2+8 ʿ
3+ 2+8ʿ .4ʿ 0 - .+ ʿ 12 4 1*0 - ʿ .*60ʿ 2 0** + - ʿ + +8ʿ +0 .6ʿ 40"0418ʿ 0" 9 6ʿ N * 0" ʿ
- 1ʿ E.+6 1ʿ 0 %0 1ʿ 4+, 2+8ʿ *0,ʿ *1*ʿ 06ʿ ."67. . 0ʿ $"16.ʿ +5 8ʿ ,1 - 60ʿ 6.ʿ +6ʿ
+* :0 .0ʿ ,15 .0ʿ .4ʿ : ʿ 504 6+ - ʿ , 1ʿ 06ʿ " .ʿ 03+ 608ʿ . , ,040 0*6ʿ + - ʿ 8ʿ 06ʿ / ʿ 61 ʿ
* 0*6 8ʿ * 6 + 6+8ʿ U . - .* 1".ʿ 0/ 6ʿ 06 0 6.ʿ (."+, .8ʿ 4 + / 6ʿ 3+.8ʿ . 1"+8ʿ .918ʿ 60 ʿ
*02.6ʿ 3+ ʿ +2 61ʿ 0""19. 4 ʿ .4 :0*6+ʿ 60 6+8ʿ 0" 6.ʿ + 20ʿ *ʿ . ,0 - ʿ 0ʿ 0, 5 6ʿ
3+. - ʿ 6.6 - ʿ 404 6.ʿ + 20ʿ 06ʿ .4 - 16 8ʿ 61 - 0*6 8ʿ 404 4 6ʿ .63+0ʿ *40ʿ *ʿ E."" . - ʿ 5 1ʿ
0 6+8ʿ 0 6ʿ 1ʿ 4 ,040*60ʿ ,060 .ʿ 4 6 1* 8ʿ (."+, .* .0ʿ "1, .ʿ - 1/ʿ "ʿ 0""19. 4 ʿ 51ʿ
60 6.60 - ʿ ,1* ,0 "0 +*6ʿ 3+ ʿ 4.6 8ʿ .4ʿ 090 - ʿ S."ʿ (0/6"ʿ)60 8ʿ *ʿ 4 - +".6 1 ",ʿ 50 ʿ
0:0 .*8ʿ .4+ - ʿ - +"6 8ʿ .6 1* 2+8ʿ 5+ 9. 0ʿ ,3* .6+8ʿ 0 6ʿ 5 :.6.8ʿ .91 + - ʿ *<+ .8ʿ
5 .060/0*8ʿ 06ʿ .4ʿ 0/ 6 - .6 1*0 - ʿ 09 8ʿ .,ʿ +. - ʿ 50 6 30 0ʿ 4 4 6.*8ʿ *0ʿ 2 ʿ 6.*6.ʿ 4 9ʿ
* 6.60ʿ .ʿ ,90ʿ 1 * .61ʿ .2ʿ 0/60 8ʿ 71 - * 2+8ʿ 3+1 + - ʿ 40ʿ 40ʿ - 0 61ʿ E.""ʿ 4+2 6. 051 ʿ
+*6ʿ 6. - ʿ * 69*ʿ ,1*6+ - 0" .ʿ ""+40 06+ ʿ .ʿ .4 :0*6+ - ʿ 09 * .0ʿ *ʿ 0" * .6+ - ʿ 5 .0ʿ
,0 "0 .*6ʿ 3+ 2+8ʿ 06ʿ .4+ - ʿ 0 6ʿ +6ʿ 0""19. 4 +8ʿ .4ʿ 0. *ʿ ,+ - ʿ E .6 .*151"ʿ , "06ʿ *1*ʿ
. , ,0 "0 6ʿ :0 + - ʿ (.2.+4+8ʿ 1 , ʿ ,.+ .ʿ *ʿ 50, 0 - ʿ 0ʿ :0 .ʿ +6ʿ .* - + - ʿ 09 * .0ʿ 60*ʿ
6. 06ʿ 06ʿ . - , ʿ .2 0*6 . - ʿ +55"0 06 ʿ 01ʿ :0* 6ʿ 06ʿ 40 50 .6 1*0ʿ 9 .6 .0ʿ .5+4ʿ 090 - ʿ
5 . - 3+0ʿ 0""19. 4 + - ʿ 5 17 2 6+ - ʿ 4 , 6ʿ 3+1ʿ - *+8ʿ :1, .6+8ʿ *1*ʿ 5. +0 6ʿ 4ʿ 4 ʿ
40*6 .0ʿ 12ʿ 5 .060 6.ʿ ,1*41* .*4 - ʿ 3+. - ʿ 5 - 1ʿ 3+13+0ʿ ,1""13+ 1ʿ 4051 6+ +8ʿ 6ʿ
04ʿ 6+61ʿ . , ,0 "+ʿ 15+8ʿ 0"%0ʿ 6.3+0ʿ ʿ 09 * .0ʿ 6.ʿ : 40.6+ ʿ +6ʿ ʿ 1*"+0" ʿ *ʿ (02+ .* 8ʿ
3+14ʿ (.2.+4.0ʿ 4 6 1* 8ʿ 155 4+ - ʿ 0 .6ʿ 0ʿ 6.6ʿ 0""19. 4 +8ʿ 0ʿ 0 - ʿ ,1* 04. - ʿ 044 ʿ
6+ + - ʿ 09 * .ʿ 3+.0ʿ <. - ʿ 40ʿ 50 * , 1 8ʿ "" +8ʿ 1* 6" 8ʿ ." 3+ 4ʿ *,0 6 8ʿ .47+,ʿ + - 1 ʿ
2+8ʿ *. 4 :, .6ʿ 06ʿ ." 13+ʿ + 504+ - ʿ . - 2 6 1"ʿ 71 - * 8ʿ *90* + - ʿ 7.202.6ʿ ,+ - ʿ 2ʿ
*0,0 ". 1ʿ ,+ - ʿ 01ʿ ,1 . - ʿ .90*4+ - ʿ *60) 90 06ʿ ,1*4 6 1*0 - ʿ . , , 5 6ʿ 013+0ʿ - *+8ʿ
4ʿ 5 ʿ 9 .:0ʿ + 6ʿ 3+14ʿ + - ʿ 8 +94+*+ - ,19 6. 06ʿ 2.+4ʿ "1*91ʿ *40ʿ 6 *0 0ʿ 1*"+0ʿ
" + - ʿ .20 "06ʿ 6.3+0ʿ ,1*4 4.ʿ .4ʿ ,1""13+ + - ʿ 4 0ʿ (.2.+4+8ʿ 41 - + - ʿ 04 6ʿ +6ʿ 0""1B
9. 4 + - ʿ ,1* :0* 06ʿ 06ʿ 3+ 4ʿ ,+ - ʿ 609 6 .ʿ 09 06ʿ 0+ - ʿ - 0" +8ʿ ,1 . - ʿ * 6 +0 06ʿ *60 ʿ
3+. - ʿ 4 ,040 06ʿ 06 . - ʿ 0 - 1*0 - ʿ 40ʿ <+ 0ʿ 2ʿ *ʿ (."+4.* ʿ 5 *, 5.6+ʿ ,1 - 5060*60ʿ
& *<0,0 .6ʿ 06ʿ .*60ʿ 3+.4 0** + - ʿ 0,056 8ʿ ʿ $ *. 1" 1ʿ 06ʿ (.: "" .*1ʿ 3+. ʿ 9 .4+ʿ .4ʿ
."6 1 .ʿ .41ʿ <. - ʿ 5 + - ʿ 5 *, 5.6+ - ʿ 51 ,02.6ʿ ,1"1 0 - ʿ , " ,06ʿ ,1*6 1:0 .0ʿ :0"ʿ
- 16 2+8ʿ 0/ʿ 0.ʿ - 1/ʿ 1 6+ 8ʿ 3+.0 0*8ʿ $1 63+. - ʿ 09 * .ʿ +94+*+ - ʿ :0* 6ʿ . 1"+*ʿ
.9) - ʿ 06ʿ . + - ʿ .,ʿ +41: ,+ - ʿ 5.6 +0"0 8ʿ 12: 18ʿ 7.2) 6 #,+ - ʿ 0" 3+ 8ʿ 6."1 - - ʿ
3+ ʿ 3+14ʿ E.""1 + - ʿ .+ 5 , 8ʿ 17 - ʿ -)6. "0*6ʿ ". 0ʿ .,ʿ 21* 8ʿ 40<04ʿ *ʿ (."+, .* .ʿ 4 ʿ
6 1*0ʿ .*6 3+. - ʿ 5.6 .0ʿ :0"+6ʿ 51 %0 1*0 - ʿ 06 *+0 .*6ʿ .ʿ 3+.ʿ *+*,ʿ 1 - * *1ʿ .ʿ 0"ʿ
"19. 4 1ʿ *<+ 1 0ʿ 0/6+ 2.6ʿ * - + - ʿ 3+. - ʿ - .9* .8ʿ 3+0 - 1* .8ʿ ,1*6 .ʿ 5 + - ʿ * 6 ʿ
6+0 +*6ʿ 1, ,+"6.ʿ ,+ - ʿ (.2.+41ʿ .63+0ʿ .401ʿ ,+ - ʿ 5.*1ʿ ,1* " .ʿ 0+ - ʿ .9 6.60ʿ ,1* ʿ
- .*608ʿ *0,ʿ :0 .ʿ 0" 0ʿ 3+.0ʿ ,+ - ʿ $ 160 6.*6 2+8ʿ 7.20 0 0ʿ *9.6ʿ 40 - 1* 6 .*608ʿ * "0ʿ
+6ʿ 090 - ʿ 06ʿ 018ʿ - +"ʿ 40, 5 .6ʿ 06ʿ " - 60 *ʿ E."" .0ʿ 5.* 8ʿ 5 14.6ʿ .0,ʿ +6ʿ .2.* ʿ
- 8ʿ 0/+",0 .6 8ʿ 5 1 04.ʿ *1*ʿ 50 *40ʿ . , ,056.ʿ +*6ʿ 09 * .ʿ +2ʿ 4 08ʿ ,1*4 4 .ʿ :0* 6ʿ
1*"+0" + ʿ - .9*1ʿ ,1 - 6.6+5 1 04.ʿ 0 6ʿ + - ʿ 0.ʿ 0 .*6ʿ 5 .060 018ʿ 3+18ʿ 4 /7ʿ
. 1"+8ʿ 167. *9+8ʿ 04+.* .0ʿ 4+/ʿ J .*, ,+8ʿ .*40"1618ʿ +94+*0* 8ʿ 5 1ʿ
: *, .0ʿ 5 .0 04+8ʿ .+ 0*6 +8ʿ .+9 1*+8ʿ 06ʿ A1.**08ʿ \ʿ 0""0: 0+8ʿ 0* .6+8ʿ E .ʿ
6 .*151" 6.*ʿ 5 - . +8ʿ 5 .0 08ʿ 51 6ʿ , . - ʿ :0* 6ʿ (.2.+4+8ʿ 0""19. 4 + - ʿ 0, + - ʿ 0/ʿ
,1 - 5.41ʿ .44+,0*8ʿ 0""19. 4 +8ʿ +6ʿ . 04.6.ʿ ,1* 1 + - ʿ ,+ 7ʿ $ 160 6.*6 2+8ʿ ,1*ʿ
ʿ <+*4 1*0ʿ "1*90ʿ 50 * , 1 1 .ʿ ,+ - ʿ ." 8ʿ ,1* " .ʿ 6090 06ʿ 40"09.618ʿ 06 . - ʿ $ 160 6.*6 + - ʿ
5 1: *, .0ʿ ," * .6+8ʿ 0,+ - ʿ :0* 0ʿ :1"+0 .*ʿ A2 ʿ 51 63+. - ʿ , - * .ʿ 12<04.ʿ *ʿ
Lʿ 1, ,+ 61

>' % $ V 6 - $ $ $ 50 4 % F + 6 B' 0 6 5 $ - % * D

' ' ')' *' 0 Tqp

5,,+"61',1 .-' 09"*.' .6 8' 2'4"+<"0': +8'0 6'06' 09 *.'3+. : 8'0/,+ .6 1*08'5 1' .' " 9'
6 8 .4 1*0'.,, 50 0' 2'*0,0 ".*+-'<+4 ,.: '40'5.,0'<+/6.'04 4+-',1* 6 6+0*4.'.9'
,105 6' 0',+-'$ 160 6.*608'." .8' +50'." .8'40'04 41'50'5 1: *, .8' : 1".60'3+0B
0".8'.990 0 0*6' 0""19. 4 +8'5.48' 6+4 +-'5 .0' 0' 0 0*8' *'01 +-'5. 608'5 150*'
40 0': 40 ':1"02.6' %.*40- '51 6' -+"6.8'.,0 2 6.6 85",*.8',1*60*6 1*08' * 7 "' 40'
, 06+-'' ,86.*6+-'.-5" +8'5 1".6.0'< ,.+6+-3+0'+6' .":1' *60 -'5. 6 +-'<+ 0'
* 7 "'01' *'*0916 1' **1:. 06+ ' 04'1-* .'3+1' 6.-'*+*,'0"%0*6' *609 .'-.*0 0*6'
3+1+ 3+0'40' 8'.-5" +8' 0',19* 6.'.' 090'40,0 *0 06+ ' 6.'4 00 "+-'.* - 8516 +8'
.4' +"6 1*0-'3+.*6' .4'5.,0- ' *,"*.*6 2+8

& ' $ '' 4'40'J .*, 0' 1-1 .*6 ' -1 60'."".6+-'0 6' & ' + 6'"1*90'1-* +-'
5 1,0 +-'3+'6+*,' *'.+".'0 . 6' 09 .'9 .6 .'4 9* -+8'< 06' *'3+1' :00/ - .-'
0 9.' 0+-'.,'5.6 .-'5 06.60-' :0'.* -'-.9* 6+4 *0-'" 20 ." 6.60-' 1 6 6+4 '
*0-' *90* +-'5 .0 6.*8'06'3+14' . +-' *' " .' 1 6+*.'.5+4'*18'*1*' -04 1, 2+8'
" 60 8' * 6 +4+-',1* 6.*6 .-'06' 04'<+ 6 3+0' -5 12+-'.-1 0-' 50408' * 7 "'
-0 61'40 40 . 0'51 08'5 .060'0" , 1 .'60-51 .'06'.03+ 1 0-'5 *, 5+-'-0*60-
'.63+0'"1*9 1 0-' 5 ' .' 01' : 6.-',1*,0 .-' 8' 12'.*6 3+.8' .- " . +-'.0-+". '
'6 1*08'3+.0' .4' 0" 9 1* 8' ,.+ .-'.,,040*608' 20"" 8', : " 2+8' 1,,. 1*0-'5 .02+ "0'
4 ,+*6+ ' 167. *9 8' * 0 6+8'3+.'0 .6'5 +40*6 .'06' .* -'-.9* 6+4 *0'01- -',1'
.6 2+8' -.9.' 0',1* 6.*6 .' * 6 1'1551 +0 .6'< 5 06 3+0' +-1 2+8'06'5"02 8'9 .6 .
X+.-' .4 1 ' 0 0' 04.*6+ ' +6' 0',1*6 .'5 .05160*6+-' * - ,1 +-'5160*6 .-'-+?
S 06' 1*4.0'06' 12 *1 +-'5. 608'.-5"0/+8'1 .' 4' *'14 +-'-+"61 +-' *,+ 0 .6'
3+. '$ 160 6.*6 +-',.+ .0' .:0 06' +- -+8'." 13+' 09 .0'.+41 6.6 8': *40/' G 14'
6+-+"6+'$. 0 ,+-',. 4 *."0-%167. *9+-06 0* ,+-'E+ +-. - 85 1'
7 2 6 8' * 6 +418'+ 20' .,0 0 0',109 6' * 9*'0/0-5"1'5.6+ 6' 3+.-' *'<+ .-',+-'
.4' .* -+-' 0:1,. 0' 167. *918' .55. 0 06'6.-0*'51 6'0- +-',. ,0 0' 1-1'
.*6 +-' *,0 .'*60'018' 004*0" .6 4' 0,+6.'0 6'' 06',+-'5.+, 8' .*60' -1 60-'-0*'
2+8' 1-1 .*6 +8' *' 5".' 09 .' +606 .0'+2'4 :0 1 +-'7.202.6' 4+' .*9+ * 8'
155 0 +8' 0 "06' E+ +8' 616.' *140' R 4 1' 40,+-20*6 8' . 04 6' 06'4-*'1 , 16+-'
90*0 0' 20*0:1"0*6 .-'0 9.' 0+-'60 6.6+8' 0 6' 1* 1 .*6 1'40 *' 0/'01' -1 21." '
3+.*6+-',1*:."0 ,0*60' 0+-'# .*6 " .-'4051 6.6+-'E+ +8' 06' 04+"1' *: 6' 06'
-*' - * -0' +,.6'.-1 8' 9* 6,.6 1*0'3+.*3+.-',1*,".-.6.'<.-' ."+60'5 1 0'
,+6+8' 0 6' *40,+-'5.+"1' .*60'0' ' 0+ 6 .' 3+1' 09 8'<+ ""' .4' 5 1: *, .0',1- 6 .'
02+8' .4' -16+8' *60 *18' ' 504.*6 2+8'5 1 04+8' +0 .6' 04 606' ,1:.*' *'. ,0'
.' 0,+ 0*60' -1 21' 155 0 +8'5 4' 1*' . 8',+-': /'3+ *3+.90 -+-'.06.6 8'
.**+-' .66 9 06' 156 -0' -0 6.-'40' 09*1'.* -.-' 01' 044 4 6'+"6 -'E.""1 +-'
0"19 1'40,1 .6+8': , 3+0'".,7 - 8'06 .-'01 +-'3+': :1'- *+8'20*0':1"02.*6'40'
5"1 .6+8'.,' -+"62'60-51 0'51 6'.2' 090',+-' *'+"6 -.' +.':0 0',.".- 61 .'60-51 .'
' ' *44 "0

?& ' % 'V *,"*.*6 2+8' &0*0 .6'01' .2' .+".' 0*.6+8'&""1,". +8''.+",.0 ,1 .560".0' . B 2 60'06' -140 .61 ' ' ' ' ' ' $0' '+ ' $'($' 'A' 4' ' 0' '. $' ' ' (' . 0' $'1 3+ ' +6' .4' " .':6.'. 1' 9.*6 .0' * 9*0' 50, -0*' .440 06' 21*'."13+'5 *' , 5 8' 04' 50' :1"+56.608'.' 0'405 .:.6'9 .6 .'.2' +60*8' 06 .-' *: 41 8'21*1 2+8' 3+2+8' *4 9*+-' ,'616.' : 6.' 0444 .6'1 *. ':5"+ 6'06',+-'5.+"1' .*60'J' .*, 0+8' 16 61 .*6 +8 ""+6 " -.0616.'E."' .' .- " .0'5 *,058'40,0""06' +606 .0'3+.0' 09*' ,.5+6'0 6'06507 * +".0J .*4.05 .0 04+ .-'3+.-' A 0 06'.: 6 8'06'5 15 8' 10 '60*02.6'.' 0' -50

6 .: 6' 0-0*6"2+8'5."""-' 21* 8'< 3+'&""1,". +-' : 6 8' +8',1*60*6+-'3+2+8' 29 8' 156 -' *90* +-' . 0*.:0 .6' *'.:. 6.' +.'0/5"0*4.'3+.-',+-+' ".6 8' *'40 8'.'5 1 +"2'5 *, 50' 41* 8' ."02.6' ,1*' 3+0 00 0'." 8'5 .0-.': 6+6+-'3+.0'4 9* 8'4020' 2.*6+ ' 0" *3+0 0' .8'0 0' 4 ,02.*6' +/ 6' *4 9? *. 1*0-'40,0"2 8'06' +,,0"2 8',1-5. .61' . -' J .*, 0+8' : ' 6'"1*90' ++'4 ' $'" '- ' ((' ++ ' 0'('' '. A'6 '- . ' .' ' ' D $' '('(' '' $' ' A ' 504.*6 2+8' .4<+ 461'0'$1 *51*1' 0""0; 01' 5 1 046+8' +'+

% $ ' ' 'D *' ?'! ' '
. ' '

*44 06' 0 1' 40 40 .6+8' ? + ,'4 5. ' , ,4 2 ' 4.6+8'.& ""1,". +8' .4' ,9 *. -'
' ' +2' 4'60 - 5+8' :0* 6' 0, 06.' .' 090' - .*4.6.' . 0 0*8' 06' (.2.+4' ". 9 6 1* 2+8' 3+.8'
""0' 0/' $7 " 55' 50,+* .' .4' ,1 + - 507418' *' .+".' 5"0 1 3+0' .402.6' 5. 6 , 5.6+ +8'
%+* ,'06' ' 04+. * +8' 40'%0*4 .0' ,1 - 6.6+',+ - ' (.2.+41' 6 .* 09 6' 3+0 *' ""0' 0/' B '
*1 .6' ,'(.2.+4 ' & "". ' - . 8' 5 .0 0 6' . ,' 1,0 ' + ' *+50J' 4 +*4 ' + , ,0 " 4*0' .4'
+/1 0 - '40:1"+6+ - ' 51 " 402.6' 7.+4' 1, ,+"6.' 09 * .0' 56.0: . , .6 1*0' 3+.0' 4 6 9*0 - '
' 09' " - 60' .4' 5 1".6.*418' 0<+8' *48' ,1 - - 14. - ' *' 0/60 *+ - ' 5 * , 50 - ' <. - '
6+ *' 02+8' *1 6 8' *7 .*60 - ' 6 .*8 0 ' 5. ".' 0 6' .2' * * .' A 60 .' A. ,12 U(.2.+4'
0 - 1 1 ' 4+0"8' 0/' 3+1' " 18'4+18'7.202.6' +/1 0' 06' 04+. * ' - .6 0' 50 +. .' 3+.0'
(.2.+4 .0' 4+4' 01' .4 1' :0"' ,+ - ' 09* ' <.4+ .' 9 .6 , . ' ,+5 02.6' 06' 04+. * +8' " '
20*60 ' 0, 6' <. - ' 6+ *' 08' *1: .8' .* - 1' ,19 6.*8' +6' (.2.+4 .0' 4+,0 - ' $7 " 55' 0 - '
. + - ' 2' 6.*61' . 4 1 0' : * ,+"1' ,1* , " . 06' ,040*60' 09 * .' (.2.+4+8' .4' +18'
0:0 +8' 0 6' ' 0""19. 4 +8' 50' 4 * .6+ - ' 60 ' 0, 6' +6' ,+ - ' 9+ 0 1' ,1""13+0 06+ '
06' 40 - ' $ 160 6.*6 2+8' 4.6. - ' ,1 . - ' ,1* - . 06' + - 3+0' 08' .4' 20""+ - ' * ," *.6.8'
1 60*40 06' 150 . - ' +. - ' 51"" 46+8' 50 : , 6' +6' .4' . : . + - ' ,1*<+*4 - ' - 660 0*6'
06' ' 3+ 40 - ' 8' 150 .' +.' +6' :0 "06' - .*4.6+ - ' ,+ - ' 5"0* .' 5160 6.60' 08' 20"" ' *' 0" '
* .6+ $ 1: *4.' 06' +94+*0*" .9 1' .4 - * 6 .*4' - 660 06' *' 0. *' 0 - ' .4' . : . + - '
9' 1*20 ."6+8' .' 0""99. 4 1' .' $ 160 6.*6 2+8' I ." 9*1' 40"09.6' +*6' 1*20 ."6+8'
50 7+ - .*0' 0/,056+8' 0' 0* - ' 0/' ? 9+ 0 ' ,6* " 1' +6' 0,0 06' . : . 1' .+61 ' +0 .6'
." 9*1' - .*4.6+ - ' 3+."0' 50602.6+ ' 3+1' ' .4' 20""+ - ' 40:0* 06+ ' 0""19. 4 +8'
. : . ' *1 - *0' +6' 51 06' - 506 9: 6' ." 9*1' *' ,1 - 6.6+' . : . ' - .* 6' A. - '
0""19. 4 +8' (0560 - 2 ' 0/ +*60' +50 .6 8' "5 2+8' . - .* 1". - ' 04 0 .6' 6' 0/'
- .<1 0' . ,' 5 150' .4' 09 + - ' 5 .060 ' 1" 6+ - ' . , ,040*60' ,1 - 6.6+' , 02 13+0' ,2 - '
- 0.*6 2+8' 04 1".*1' . ,' "1, 8' + 04 8' .4' 5 + - ' *+* , 8' 3+' *60 ' $ 160 6.*60 8' 5 + '
40*6 1 08' 0 .*6' ,1*<04+ . - ' . , 02.*6' ." +4' .9 ' ." +4' - +". ' 9+ 0 +8' 5"0 '
: ' .9./' . : . + - ' - 1*+0 .6' 3+16 4 0' - +"6.' 12 0 : . ' 3+.0' 0""19. 4 ' 40 - '
- 0 61' + 504. - ' . ,0 0*6' :0 + - ' 0+ - ' - 06+ - ' - 1 8' *0,' 15 *.' 5 +8' +50 :0* 0*8'
4 0+ 6' . - 0?0/0+*60' ' .* *1' 71 - 1' *60 - 50 .*8' 40 0, 6' 06' : . 6 8' ,1*6 .' E.) ,+ - '
1 - 0' ,1* " 8' . ,' : 6.0' - +"' *0 - ' - 51 + 6

& ' ' . : . +8 .C0 . - *' J1/0* ' 5 * , 5.6+' 01*:0*6+ - ' *4 , 6' 1'
0/' ,1 - 5.41' :' 4 1: ' :0* 6' . - : "". ' 3+0 - ' 1 - 1 .*6 + - ' 40 * ,058' .550"".2 '
- +8' ,+ - ' , ' *90*01' . - 2+ ,6 ' A1' .56 U&.4.9* 1' .' 09 * .' 0 ' .66 2+6 8'
4061' B' J1/ 1' . - .* ' ,1 - 6, ' J .*4 01' ' & .R6.' 1 *+ "2*1 ' ." 8' ' +6' 40' 3+0 0" 8'
1 4 *+ - ' (056 - .* .0 ' 3+1 7 - ' ,1 - 6 .' *+50 ' . , . "2* .0' ,0"02 . :0 .6' ,+ - ' 01'
.90 06' . - ' 5.+"1' .*60' $ 160 6.*608' 5", .3+0' 1, .' , , .' ' $0C0* ., + - ' 1, ,+5. :0 .*6'
06' *40' ,1*6 *+ 8' 0/,+ 1* 2+8' . ,' 03+ - 6 2+8' ".6 1, * 8' : , * .' 1, .' * 0 6.2.*6'
6.3+0' - 60' 1 - * .' 50602.6' +6' *' ""18' 9 . .61 08' 6.*3+. - ' 5+2" , .0' 5. , 8' 50 6+ 2.61 08'
2 ' , 6 .' 04 41 + - ' : 1".6 1*0 - ' 06' ,+ - ' 21*.' . : . ' :0* .' <+ 0' 20"" ' .90 0' " ,0 06'
"6, - ' 506 6 1*+ - ' , .5+6' 0 .6' +6' + 208' . ,' ,060 .' 1, .' 0,+ 6.6 8' 0 91' $ 160 6.*6 2+8'
.4' 60 - 5+8' ,1* ,0 .' 0/0+*60' 60 - 51 0' 0 6 6+0 0* - ' J1 "' "1*9.8' 60 9 :0 .6 1*08' :0'
."60 , .6 1*08' ."60 + - ' : /' 6.*40 - ' - 506 .6+ - ' ' ."60 . - ' 40' 1,1 + - ' 0 6 6+6 1*0' 5 . , '
.40' *09.6+ - ' 0 3+0' .4' 6090 - ' 0 - " . ' .4' 3+0 *' 40"09.608' . "0' 0' . : . +8' 4 '
,02.6' G+ 2+8' .4 8' 1 - 1 .*6 +8' ' S. "' 0, ' ' 0" 1514 1' +2' 60 - 51 0' ,1""13+ '
71 5 6 + - ' 7.2+0 .6' 4 ,0" 6' . : . +8' 3+' .C0 .0' 0* .* 0 .6' .+4 6 8' 0, ," , . + - '
40"09.6 8' 06' , 02 8' ."".6 8' 40' 04 4 1' .+6' ; 1".69' .+6' *1*' 0 ; .61' 5 1: * , . + - ' 3+0 0" 8

& ' % ' (' Nb' * ' ' ' .**1' 0/' - - 14",1' ,+ - ' 5+0"". ' ,1 - 5"0/+' 21*Z
6 (' ' *60 0.' . : . +8' ' VL' ' 4' ++' + ' 4 ' "
% $ ' ' (' ' ' *' ' ' 0 ' 2' ' + 6 0 ' ($' ' $' 2 G
' + 6 ' ' ! $' ' - $' ' (' ' % * ' ' ' '
' 5 $' ' < # $' ' (<!&$ /' <. g $0' ' ' " ' ' / ,
' _ ' > X0' ' ' ' 4 ' ' 4 ' ' ' && ' 4 # $' /' % 0

')' *' 0 ' F=

,+-':. .,'0*60*6.0'4 ,0 0*6+ '." 8'24"+-' .40*6 2+8'." 8' 0-'4+2 '0:0*6+8',6'
5"0*.-' *:4 .,':6.*4.-'*0,'* '0/6 0-.' *'*0,0 6.60'60*6.*4.-',0* 0*6 2+8' ' # '
6.*40-'60*+6'+6' 3+.*41' * 7 " ,1""13+ 1'+"6 -1' 1*"+0" ' 5 1 04+-'0 06' 06
,1"".6 1' 0 .4.*.'*+50 ' .4.'<.-'.' 09*',+ 8'06' 5 .0 ,4 8'0"+40 06+ '04 4':061
5"+8'0/0,+6 1'*09" 90 06+ ' .4' 20""+-'*0,0 . .'5. . 0*6+ '3+14' 6.-0*' 01' + 3+0
+"50*40 06+ '41*00'50 '40"09.608' + +8' 09 8'0/3+ 6.':1"+*6.60' 0'.- ,0',1-51
*0*4.0' 1-* .' 0-04 .'60*6.6.'0" 0*6' 3+.0' * "' 5 1 ,0 0*6'6+ *'60-51 0' .,'4 0'.
.:. 1'40 9*.*41'20""'90 0*4' * 6+-' 0 ,6' J.41'6.,61'40, 061' .:. +8' 6.
6 -' *61* +-.$"0/ +-' 0,.-'(056 -.* .0' 06' (1 04+-' ."9*1*0-' 0" *.6+8
4 0"09.618' *'. ,.*0'0:1,.6'06'4+12+8'.+ 0 8' *'4+.8'5. 608',1* .4 8'."60 .8'4 - 4 .8
50*08' 0' 06 *+6'."60 .8' .4' J .*, 0+-'' 1" * +-' . 60"" 1*.0+-'E. 5. 8' -. 8
5 .0 04' "+-'06'.4' J .*, 0+-' 1*.*' 9+ 0 +-'50 , 0*4.8'404 6'.44 6 8' -.*
4.6 8'+6'.'3+1,+*3+0'."60 .0'4+.0'4 - 4 .0'.4' 5"28'51 60.'.4 0 0*6+ '0'40'4 0'.,' .
6 1*0'20""' *,71.*4' 40-'7.20 0*6'70'0* -' 1 0'+6'0140-'60-51 0'.** 8' +-56 8
-.<1 0-' +'60 1 0-' *< ,0 0*6'06' + 2 2+8'."3+16' *60 ,056 8'."3+1150 .0'5 06 1
20""+-' *,71. 06+ <' ,+<'+8' +6' * 6 +-',"%06' 6.',060 .'0/' .-.' 0,+6+ .' - "2
,1*:0*6+'3+ 3+0' .4' +.'4 :0 '.20+*6'*1*'.2<04.'1-* *1' 3+ 06 8' 50<',060 +-
,+*4.'.4' 20""+-'5. .6+ ' 3+14' 5 "0' 03+0*6'0/'1,. 1*0' 3+.-'6+*,'4 ,.-
*60 '*18' 0, +4+6' A.-' 09 *.' *'.+".-'.4' 090-' 04 0 .6'3+1'5.+"1'.*60.'/ :
S."' 5 ' *4 +-'4+/'50 '4 51 618'03+18', *6 .'-+"61 +-'0/' + 8' 0*60*6 .-'5 1U
04+8' +0 .6'6. *' *15 *.61'+6',+-' 2':0 50 .-':0* 06'06' *' +5. .'50 *14. "06
* .*0' 5. .' .-.'6.-0*'3+14' *1*' 6.'20*0' *4 *1',+-' 090' .6 0',1*:0* 06
.401' 4'.':0 1' - "'.20"%0': 402.6+ ' +6'9 .*4 8'50,+* .'.'5"0 3+0':0* "06' *0,*0
4051 6.' 6' .' .6 8'5 1 04 1'+6' 4+, .'5"0*.' 09'.4'16 +-' *," *.*6'.4-14+-
9 .6.' + 6' '3+ '3+060-'3+1: 8'5 06 1' 04 -0 0'5. .6+8' * 7 " .6 ' -141'*0' 6+ 2.8
*' 09*1'0/, 6. 06'40*09.6+ +8' : 402.6+ ' .-'6.'4060 .0' 5 .060 6.--' -+"
6.6+-'*+2,,+".,'06'5+ 9.<.0' *'5 .0 0*8' <"5 , 1*,8' 0,' *4 *+8'5"+8'3+.-', 04
:1"02.6' . 6+6+8' 2' 40 + 6' :0 +-'1,,. 1*0'+"+8' 090-' +6' 2',1*, " .*4 8',+-
" .2067.' *9".'*+56 8' .:1 .2 "8'0"%0' :0""06'06' .4'40"04+8'3+18' *' E."" .'.4'20"
"+ .' 0"9 ,+-' .4+ +8' 0 06',1** :0 06' 0/1 .: 6'3+14' 06' .** 60*60' -.6 0' :. 6
.* -' 1, - *.'126 *+6' 9 6+' *0+*60' (0/6"'.+".'4 9 0 "+8' 0/ 9+1'.4-14+-',1
- 6.6+' * 6.** .-'.4 " .2067.-'50 0/ 6'50 .-.*60'.2' " .'0/,056+8'50*+56 .
+-'' 12'3+.8'.**1' 03+0*6'71*1 ,.'.4-14+-'"09.6 1'.' 090' .4' " .2067.-'40
, 06.0 6' 06'6.2+".0'416."08',1* 04.0

!' V' '+' ' .47+,' *4 *+8' *'.+".'0"%06'"6, .8'50'<1,+-' 09'1 60*40 .6'.' +41B
: ,1'2' ". .-1*6 1' -21 .*1' +" 1'.4' 0' 0 56.8''3+2+8'5 1' +--.'3+.0'0',+-'
70 1' +1'<+:0*0'0 .6' .- " . 6.60' 9* ,.2.6' 0' 0 .-'-.9*':0*.61 8' 6.'+/1 0-'
:1,.2.6' . 1"0' D .-2 ' 1* 1 0""',1- 6 8'3+0-'0.'4 9* 6.60' *4 *+8'5.+"1'.*60'
+ 6',1--0*4.6 1*0' 1 *.:0 .6' *4.9 *0' , */ 0'06' *'5".9.8' ,1*<0, 0' G+.8'
"60 .8' 0/' 06 *+0 .6' 06' +"" '<.-'.'"1*91'60-51 0' * 1"0*6' . 19.*6 .'06' 506+'
".*6 .' 6.6+8'1,,. 1*0-' *40' +-5 6' :060 08' .2' 01' .,,056.8' *<+ .8' +", 00*4
8' 3+ 40-' ,6'4+-' *' .+".'0 "06' *+""1' *1*',1*6+-0" .0'90*0 0' *'5 1,0 08'06'9; '
.0,0+-'06 .-'.+" ,+-' +"+8' +0 .6' 4+, .'5+9.,6.6 8'3+.' 0'60 2 "0-',+*4 8'
044 40 ' 04'06 .-'51 63+.-' 0' .4',1- 6.6+-' *4 *' 0,050 .6'4+-'' *409.:'
. ,0-'6161' "16 .4+'-+* 6 ""-.-06+ 2 515+"1 .0 -51 6.-60*0 06'155 4.* 8'
,6'616'5 1: *, .0'9 .; 8'12', 02 .8'0/.4 1*08'3+.8'5 :.6.'.+41 6.60'*1*',1* +"61'
5"0 +-3+0' *4 *1' 5 1' .402.6' --+-'1-* +-'14 +-' *' 0',1*, 6.:0 .6' 9 6+
0/

& ' % ' :' ' '6 (' ' 1,'0140-'(0/6"' ' = 4
'%' ' '$' ' '4 A0'& ' '5 .($' ? ' 0' ' ' '(' D '5 6 ' '
' / '% 0' g ' $' 7 ' ' / $

rex Monſorellum, qui tunc forte in aula erat, clam ſevocat, et literas Buſſii ei oſtendit; additque, ſe, decoris familiae et ejus dignitatis perquam ſtudioſum, noluiſſe rem adeo injurioſam eum celare; ceterum ſcire ipſum debere, quid conſilii in tali occaſione ſe capere deceat et oporteat. Nec plura elocutus hominem dimittit, qui, non ſolum injuriae tantae morſu perculſus, ſed monitis regis incitatus, quae ille tanquam ignaviae exprobrationem, ſi injuriam ferret, accipiebat, protinus domum revolat, ſummo ſilentio, ut Buſſium lateret: aſtuque per uxorem ad Buſſium literas dari curat, quibus ei horam ad ſecretum [a] Coſtanteriae condicebat; ea erat arx voluptuaria et venationibus opportuna: ad quam cum Buſſius cum [b] Colladone conſcio ſub veſperam XIV Kal. Sept. veniſſet, ab ipſo Monſorello et aliis loricatis oppreſſus: tamen, qua erat animi praeſentia, quamvis unus contra plures, ſumma vi percuſſores initio disjecit; tandemque numero victus, ſpiritu inter certandum deficiente, cum ſe in foſſam per feneſtram praecipitare vellet, a tergo interfectus eſt. Inde odia capitalia inter Buſſianos et Monſorellum [α] exorta: quorum exercendorum onus in ſe ſuſcepit Joannes [c] Monlucius Balagnius, epiſcopi [d] Valentini, de quo toties mentionem fecimus, filius naturalis, et tunc praecipuo gratiae loco apud Andinum pollens, ducta in matrimonium occiſi Buſſii ſorore, magni animi foemina, quae faces irae maritali ſubjiciebat: vixque poſt novennium certis conditionibus juſſu regis inter eum et Monſorellum tranſactum fuit. Morte Buſſii provinciales haud mediocriter laetati ſunt, et Andinus ipſe hominem jam gravem et moleſtum ſibi de medio ſublatum haud ita aegre tulit; et Andium atque arcis ipſius praefecturam Joanni [e] Simieo attribuit, homini verſuto et induſtrio, qui eum in Angliam cum Gulielmo [f] Altamonte Fervacio ſecutus fuerat, et in ipſius gratia tunc principem locum tenebat; quam tamen conſtanter retinere non valuit, anno proximo injurioſe nec citra vitae periculum de gradu dejectus.

X. HOC eodem Sextili menſe delecti ex ſenatu Pariſienſi, qui, praeſide Achille [g] Harlaeo, viro eruditione, rerum uſu, prudentia, gravitate et integritate praeſtanti, ut [h] Auguſtoriti et provinciis deſignatis, more majorum rebus in curia prolatis, jus dicerent: quorum juriſdictio quamvis Martinalibus deſineret, diplomate in curia promulgato, ad natalem uſque Domini prorogata eſt. Multa ſeveritatis exempla a judicibus edita: et inter alios Andreas [i] Bellovallius Pimpeanus, illuſtri loco natus, ſed qui licentiae aſſuetus, et ſub Ludovico Claromontio Amboſiano Buſſio praecipuus exactionum tota illa regione miniſter fuerat, inter alia crimina caedis cujuſdam apparitoris convictus, capite luit.

XI. DUM juridici dies agerentur, Henricus Borbonius Condaeus, ſe in Picardiae praefectura jamdiu ludificari impatienter ferens, fano [k] Joannis Engeriaci Auguſtoritum venit obſoleto habitu, ac citatis equis [l] Faram Veromanduorum ad Eſiam, id eſt Navarri ditionis oppidum in limite illo munitiſſimum, tendit, et ad villam quandam oppido proximam cum delectis divertit; quo mox ad eum clam multi ex provincia conſcii venere. Oppido praeerat Michael [m] Govius Darſius, tunc abſens. Ibi cognito raras et infrequenteis ad portas ſtationes haberi, [n] Gennenſem ex ſuis virum ſtrenuum cum tribus aut quatuor praemittit, qui cum uno ex portarum cuſtodibus, quaſi de via incertus, conſerto ſermone hominem nihil tale cogitantem eo uſque detinuit, dum ſocii in propinquo eſſent. Tum, miſſo in terram aureo, dum ad illum colligendum ſtationarii confertim veniunt, diſploſione ſcloppeti ſignum conſciis dat, qui concurſu facto ſtatim portam occupant, et mox oppidum; oppidanos de periculo

ſecuros

VAR. LECT. [α] exorta, juris via, quod de regis voluntate illi cognoviſſent, veluti intercluſa: quorum *MSS. Samm. Put. & Rig.*

INTERPR. [a] *la Couſtanciere.* [b] *Colladon.* [c] *de Montluc, ſieur de Balagny.* [d] *de Valence.* [e] *de Simié.* [f] *de Haultemer, ſieur de Fervacques.* [g] *de Harlay.* [h] *Poictiers.* [i] *de Beauvau, ſieur de Pimpean.* [k] *S. Jean d'Angely.* [l] *la Fere ſur Oyſe.* [m] *de Gouy, ſieur D'Arſy.* [n] *de Gennes.*

0,+ 18' 0 0'<+20*608' *. -' 174.0+ -' .40 0' + - - + -'5 1: *, .0'5 .0 40 - '3+' '
09 8'50 - "+' *'0. *':0*0 6') 6':0 2 8' 408',1* 6. 06' .' 4 056 1*0'60 - 50 .6+ - ' ' # ' '
J1 6 4 0' 71,'0 6' 5 4 0'S ." ' 0, ' 1*4.0+8' .4' 090 - ' 4.6' " 60 . 8' "3+ 2+8' 40' 40'
+.' - +"6.'5 .0 .6+8' .4:0*6+8' + ' 0+ - ' ,0 6 1 0 - ' ., 02.6' 0/ ' .,,056 8' " 60 8' .4'
' . + - ' 3+ ' 0140 ' 60 - 51 0' 4.6 8' .4' 090 - ' " 60 8' .2 0*6 . -' +. -' 0/,+ .:0 .6'
0 2 6'< 06' +6' .4' 1*4.0+ - ' 0',1* 0 .6' 0 3+0' .4' 1 - 6: .'6.*3+. -'5 1: *, .0'5 .0 4'
5 .0 61' 6< - 506.6' " - +"3+0' .4' 5 + - ' 1*4.0+ - ' 0 0 2 6' 06' - . ' 0'4 , 6' 3+1 '
- 141' 0/' (.*61* 2+8' 0' * "+6.61' *' $,. 4 . - ' 6 .*" 0 6' ,.+ . 3+0' .4:0*6+8' .,'
6. *' 050*6 *.0'5,1 0 6 1* 8' *60"" 90 0' 5"0* +8' 0/' 5 1',+50 0' *40', 02 8' +6 *3+0'
50 ' *+*, 18' +"6 .' , 6 13+0' ,1 - - 0.*60 8' 0/51 6*".6 1* 2+8' 08' 0/6 . 6.0' 090' + '
6+ ' .*/ 1 ' .,'<. - ' 40' + 20' 12 640*4.' 019 6.*60' 06' 1*4.01' .4' 0/6 0 - .' 3+.03+0'
0' ,1 - 5. .*60

' . # '50 - %+' 09 8# 0"14+* ' ,1*:0*6+8' "., ' 1 4 * 8' 7.202.6+ ' +2 '
,+ - ' , 02 .0' 40',1 +561' 0,,"0 .0' E."" ,.*.0' 6.6+' 3+0 4.0' .' 4 :0 78' 06' :. 8' 40'
,.+ 8' * 6 6+6.0' 0 "0*6' ,1* 0"%+8' + .9 8' 40"0 6+8' 0 6' 1"4+8' #$1*6.,+8'&. .60* 8'
05 015+8' 3+ ' 40' 8' .5+4' 090 - ' 5+2" ,.' .4 1*0' 0/51 6+". 06' 8' :' 1* ' G+ *6 " '
" 20 .' .4 - 14+ - ' 1 .6 1*0' ,1 . - ' 090' 4+1' - ." 8' 41*0.' 0 - 04 .' 5 151 + 6' 4 0 '
5)*.0' ,1"".5 .0' * 6.+ .6 1*0 - ' 06' 41*01 + - ' 6.*61 - +*0 ' 5 .0 +"+ - ' 40"04+ - '
3+14' .4' 5 - + - ' *1*' - 0" +8' 4 , 5" *. - ' 0 6 6+ ' 51"%0' 3+. - ' ' 0/' 10,+ - 0* ,.0'
;*14 '%' 40*6 *.0'5 .0 0 561' 0 - 0*4.6 1' 506.6+ '<,+<+8' 5 1 *' 40' 40, 06.' +6' *' 09*1'
'5 1 - +"90*6+ ' +55" , 60 ' .,' 40 - "0 ' 3+.*6+ - ' 51"" *6' 190*6' *' 5 .0 +"+ - ' 40"04+'
06' 50 * , 1 " - 0' 50,,. ' *0,' .2' 0.' ,+"5.' - - +*0 - ' 0 "0' 090 - ' 5 + - N' 3+ 550'
L %* : '05 015.6+8' *' 09*1' 714 0' *+ - 0 . '3+ '5 .0 +" 2+8' 40 6 6+6' *6' 5.6 - 1* 1'
,1 - - ' .2' 71 - * 2+8' 5 1 .* 8' 51 "0"%1' 06,+"6+ : *1' *' 8' 1 - * *1' *09"041N'5"+ 08'
0 0' *' 3+ 6.* .' 06' (056 - .* . ' *' 3+ 2+8' 05 015' . 4+ ' *1*' "+*6' N' ,10*12 .' *+?
- 0 1' * * 6.' 0 "0' 3+.0' .2' 7+<+ - 14 ' 71 - * 2+8' 60*0.* - ' 06' - .9*1' ,+ - ' 41"1 0' 06'
5+2" ,.' 1 J0*" 1*0' - 0 0' 4 ".5 40*6+ ' 5. - ' :061' *' 3+ 2+ 4. - ' 6 2+*." 2+8' 40'
02+8' ., 8' *60 ' 5 1 .*.8' 50 1*.8' " 6 9. ' 06' *' <+4 , 1' . - " .,' 0 0 0+*4.0' 06 . - '
,10*12 1 + - ' 06' 7+<+ - 14 ' 20*0 , 1 + - ' .6 1*0 - ' 7.20 ' 06' 3+14' 4 ,0 0' 0/71 '
0",.6' *' 5 1' 5 *, 5 8' ,1* 61 1' 05 015.6+ - ' ""+ 6 ' - .6 1 .0' 3+. ' 0 - ' *' ,1 - '
- 0 , 1' 51" 6. - ' .4<+4 ,.6+ - ' 0 "0' *03+0' 70 ,' - 506+ - ' " ,0*6 .0' 606 "0' 04 ' 9 .4+'
.41 '<. - ' 5. - ' 0:+"9. ' 3+14' ,". - ' 3+14' 50 ' .+408' .9 6+ ' 06' 40604+ - ' <+ 8' ,. 6 '
9.6 1* ' +2<04+ - ' 0 .6' *+*, ' 0 .4 8' - 140 6 .0': *,+" 8' "09 6 - 0' 06' 5 15.". - ' +6'
"1,+ - ' 7.20.6' - + 618' 0* 6' N' ., + - ' 5.6 - 1* + - ' ' 01' 5".,06' 71 - * 2+8' 5 1 .* 8'
06 - " 6 . - ' 5 1 0 8' ,1 - - 0*4. ' 06' 1 - - 0*4.61 08' 03+ 608' *40' *1 - 0*' 1 6 6+ 18'
3+14' *:0*6+ - ' 0,+6+ . - ' 5 1,+"' 4+2 1' 0 ' 0,,"0 . 6 ,.0' 0:0 1*0 - ' 4' 7.0,' .'
090' 3+0 - ' ,1*,0 .0' ., 1' 1 4 * ' ,1*:0* 0*4 ' .,+"6.6 8' 0 .' 510* 60*6 .' +2 0 .6'
20* 9*0' 0 51* + - ' N' 40' 5 1 - +"9.6 1*0'% 40*6 *' ' ,1*, " ' 0' - .6+ 0' 40" 20 .6+ + - '<
.,' 51 1' ,+ .6+ + - ' +6' ' 5 .0 +"08' 40" 9.*6+ ' 3+ ' - +*+8' 6.*6+ - 06' *90* 1' 06' : 6.'
- 5"0.*6' N' 06' ,1*6 .' 3+.0' 1 J0* 1*0 - ' :+"91' 5. +*6' 60 - 50 6 :.' 0 - 0*4.6 1*0' ,1 '
9.*6+ ' G+.' .4 1*0' ,+ - ' 090 - ' *' 1 4 *0 - ' ,1.4+ - ' , 040 06' .,0 ' 1 41' *40'
+*"56 8' .* - 8' +"60 +8' 50 9 6' N' 06' 3+. ' 71,' 6 .61' +*4. - 0*61' 51 1' ." .' +50 6 + '
06' 50 ' ,1".+ - U *90"0 + - ' .* ' 1, ' *' - 1 ,.' 05 015+ - ' 3+ ' :' 1* ' 4 '
.+4 6+8' 0 6' 5 1 - +"9.6 1* ' ,1*, " ' * 6.*6' +6' .4': +8' 04. + - ' 0/ 6 5.*4+ - ' 06' ,1" '
".5 . - ' 4 0 5" *.0' * 6.+ .6 1*0 - ' *0,0 ". .0' ' 06' +6' ,1*,1 4.6 8' 3+.0' :6R.*6' *60 '
J .*, ",+ - ' ' 06' 01*0 - ' /' 51*6 00 - ' * 6 8' 0/' 0*+*, 06' 50 - ".' 01""09 8' ., 8'
" 20 .' 5 .0 +"08' 0" 90*4 ' 5160 6.60' 3+14' 5"+ 2+8' :0 2 8' 05 015+8' ""0' . - 5" ,.: 6
- *.8

3 ! 5 ! ' Í ##$ 6 2# # , ' ' 6)$ G - ! # 2' #, ' ' $ '
9 *
. ' (

CIƆIƆLXXIX. HENRICUS III.

minas precibus addens: tamdiu enim juxta Clodovei vaticinium regnum duraturum, quamdiu vera et Catholica religio in eo florebit: non aliter autem religionem ſtare poſſe, quam uno conſtituto, et altero ſublato, hoc eſt, publicato concilio, et abolitis concordatis. Heic rex, cui de concordatis injecta mentio animum perculiſſet, patientiam ſuam ſibi damnoſam et meticuloſis alioqui hominibus audaciam facere ratus, praeter morem exarſit, et ab aliquot epiſcopis, qui cum Angelerio venerant, vultu ſubiracundo quaeſivit, num, ſi penes collegia electionis jus fuiſſet, ipſi epiſcopi electi eſſent. Proinde illos ea dignitate beneficio ſuo ornatos ad moderationem hortabatur; monebatque, ne gratiam, quam a ſe accepiſſent, aliis inviderent: neque enim in dubium revocari poſſe, reges Chriſtianiſſimos, quicquid ipſi contra obtendant, primis temporibus eo jure uſos.

XIII. Ita dimiſſi delegati, cum nihil obtinere poſſent, de altero capite, cujus cauſa praecipue convenerant, deliberare coeperunt, de decimarum praeſtatione, et contractibus cum urbe Pariſienſi anno CIƆIƆLXI [a] Poſſiaci et ſexennio poſt Lutetiae factis: tandemque, praeter ſpem ac regis votum initis rationibus, ſic ſtatuunt, abunde ſe contractibus memoratis ſatisfeciſſe, neque amplius illis teneri, inſtrumentoque proteſtationis Eid. Octobribus facto, illud III Eid. Dec. praefecto mercatorum et urbis [b] decurionibus per apparitorem publicum ſignificandum curant. Qua re in urbe evulgata, immane quantum commoti ſunt omnium animi, paſſim frementium, ſacrum ordinem, qui ceteris bonae conſcientiae, fidei et charitatis laude praelucere debet, inſigni perfidiae et inhumanitatis exemplo ſe non ſolum traducere, ſed viduas, pupillos, tot egenos ac pauperes, quorum univerſam ſubſtantiam aerarium urbis hauſit, quaſi uno ictu jugulare: quid nunc dicturos Proteſtanteis? aes illud omne, quod CCCC aureorum annuorum CIƆ ſummam excedat, ad bellum contra Sectarios gerendum, auctoribus incentoribus et veluti ſponſoribus praeſulibus, contractum eſſe: nunc bellum ab iis ipſis, poſtquam neceſſitas ejus perſequendi iis, qui minus volebant, impoſita eſt, quam temere ſuſceptum, tam turpiter deſeri. Quae dum dicerentur, plebs ubique, quaſi hoſtis ad portas eſſet, diſcurſare, tabernas claudere, quidam etiam arma poſcere. Cumque res propior ſeditioni videretur, praefectus mercatorum, is tunc erat Claudius [c] Daubraeus, cum decurionibus in ſenatum venit: reque expoſita, ſtatim ampliſſimus ordo, convocatis jam die adveſperaſcente cunctis claſſibus, et perorante Auguſtino Thuano cognitoris regii nomine, S. C. condit, quo epiſcopi, qui extra territorium juriſdictioni curiae ſubjectum eſſent, in hoſpitiis ſuis ſiſterentur: (jam illi omnes, peracto conventu, [d] Meloduno in urbem redierant) qui intra territorium erant, urbe excedere vetantur; cunctique, ut ſe judicio ſiſtant, et ad cognitoris regii poſtulata reſpondeant, citantur. Haec extemporali ſeveritate ad placandam plebem, ne periculum commune neglexiſſe videretur, tunc a ſenatu decreta. De quibus cum quereretur ſacer ordo, quaſi indigne a ſenatu habitus, rex partes ſuas interpoſuit; et, adactis delegatis ad continuandam decennium proximum decimarum praeſtationem, querelis et impendenti ſeditioni remedium pro tempore attulit. Ita perniciosiſſimus longe motus ſtatim natus, et eo, quo dixi, temperamento ſedatus, non tamen omnino extinctus eſt, renovata poſtea ante tempus a ſacro ordine proteſtatione, ſicuti ſuo loco dicemus.

XIV. Hoc anno de Geneva negotium retractatum: et tandem patrocinium ejus a rege ſuſceptum eſt. Jam ante Joanni [e] Bellevreo Altafortio, cum oratoris regii munere apud Helvetios fungeretur, mandatum fuerat, ut ea de re ageret. Bernates et Solothurnenſes, aliorum pagorum nomine, ad foedus et pacem perpetuam inter Franciae reges et Helvetiorum civitatem firmiore vinculo ſtabiliendam neceſſarium eſſe demonſtrabant, ut reges Franciae foederatas ob viciniam Helvetiis civitates et ipſi

INTERPR. [a] *Poiſſy.* [b] *eſchevins.* [c] *Daubray.* [d] *Melun.* [e] *de Bellievre de Hautefort.*

5 "ʻ 104, .6.8ʻ 7.20 0*6ʻ ʻ *0,ʻ0. - -ʻ50 ,+"+ -ʻ 609" 90 0*6ʻ 3+1ʻ *ʻ *+ - 0 1ʻ 5 .04 ʻ ʻ
5+.*ʻ , , * 074. -ʻ E0*0:. - ʻ3+.0ʻ 6.*3+. -ʻ ,".; 8ʻ 06ʻ 5 15+9*. ,+"+ -ʻ *1*ʻ 1"+ -ʻ 0 U ' # ʻ ʻ
0 8ʻ 4 6 1* 8ʻ 04ʻ 616 +8ʻ 4 : ,6 1 + -ʻ 4 : 6.6 8ʻ *60 ʻ,18ʻ 7.206+ ʻ 06ʻ " 20 + -ʻ *60 ʻ
090 -ʻ 06ʻ 0":06 18ʻ .4 6+ -ʻ 0 :.6ʻ 4ʻ 5 1560 # "+ + .8ʻ 4 4+ - ʻ3+ 2+8ʻ 8ʻ :0 0ʻ 51 ʻ
6 6+ ʻ3+ E0*0:.516 6+ ʻ 6.3+0.5+4ʻ "6. 1 6 + -ʻ * 6.2.*6ʻ +6ʻ 0.+ 28ʻ 3+.0ʻ 5 1 ʻ
5 8ʻ : 2+8ʻ ,1*6 .ʻ5160*6 1 08ʻ 0,+ 6.6ʻ5+2" , .0ʻ - - *0*60 8ʻ .4ʻ 0ʻ 6+0*4. -ʻ - 5. ʻ
0 ",6ʻ 5. ,0ʻ 90*0 ."0ʻ ,1 - 5 020*40 06+ ʻ.4ʻ 0<+ 3+0ʻ 40 0* 1*0 -ʻ 0/ʻ 50,+" . 0ʻ 6 .4.6+ʻ
,+ -ʻ 0":06 8ʻ 0ʻ 12" 9. 06ʻ ʻ 08ʻ 6.*40 -ʻ 2ʻ (1"16" + *ʻ : ʻ 4ʻ . .8ʻ 6 .* .4.ʻ50 ʻ
"6. 1 6 + -ʻ 06ʻ ,ʻ . ".0+ -ʻ (.*, + -ʻ 3+"ʻ 6+*,ʻ.5+4ʻ 0":06 18ʻ 1 .61ʻ , .6ʻ 7 8ʻ
,1*4 6 1* 2+8ʻ +6ʻ 0/ʻ .4ʻ 4 6 1*08ʻ 0 *.6 2+8ʻ .ʻ (.2.+41ʻ +"6 - .ʻ *60 ʻ018ʻ 5. , ,.6 1*ʻ 0ʻ
,1*,0 .8ʻ 50 *40ʻ .,ʻ "ʻ 1040 0ʻ 90*0 ."0ʻ *60 ʻ 0908ʻ 40,0"%1 08ʻ 06ʻ 0":06 18ʻ * 61ʻ
*1 - *.6 -ʻ ,1 - 5 070* .0ʻ 0 0*6ʻ 40 0*40*4.8ʻ 12" 906+ ʻ *ʻ 9 .6 . -ʻ 06ʻ .:1 0 -ʻ 0 ʻ
*.6+ -ʻ 06ʻ (1"167+ *0*" + -ʻ E0*0:.ʻ0140 -ʻ90*0 ."0ʻ 1040 0ʻ ,1 - 5 070* .ʻ *60"" 9.6+ ʻ<
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3+1ʻ *4 9,*.0ʻ J .*, ʻ+6+*6+ ʻ *ʻ 09*1ʻ +6ʻ 51 *6ʻ ʻ .4ʻ 5+2" , . -ʻ 0,+ 6.60 -ʻ50 ʻ
6 *0 0ʻ 0/ʻ 1040 .61 + -ʻ 0*60*6 .ʻ: + -ʻ +0 6ʻ +6ʻ + 28ʻ 5 .0 4 1ʻ - 06+ ʻ3+.ʻ *ʻ40 ʻ
" 20 .6 1*0ʻ 09 1ʻ 1 .61 0ʻ ,+ -ʻ + .9 ʻ5 .0 19.6 :.ʻ *60 :0* ,ʻ<+8ʻ 0 6ʻ 0/ʻ *ʻ :ʻ ,1 ʻ
71 608ʻ 0":06 ,.8ʻ *9+".8ʻ , ,0ʻ - "6 2+8ʻ ,1* 6.*60 8ʻ 6 50*4 + -ʻ ,1* 0 0ʻ *ʻ 0. - 3+0ʻ
0 -ʻ / ʻ, 1ʻ.+ 01 + -ʻ5 .0 0*6ʻ50,+* .ʻ (1"167+ *ʻ4051*0 0ʻ 60*0.6+ ʻ"ʻ ,1*6 *9.6ʻ
+ 2, -ʻ .2ʻ ." 3+1ʻ .50 6.ʻ: ʻ155+9*. ʻ .4ʻ 0<+ 3+0ʻ 40 0* 1*0 -ʻ6. -ʻ 0 *.608ʻ .,ʻ (1"1 ʻ
67+ 70* 08ʻ3+. -ʻ ." ʻ5.9 ʻ3+ʻ7+ ,ʻ*1:1ʻ 1040 ʻ +2 , 20*6ʻ0/0 , 6+ -ʻ ,1* , 20 ,ʻ
,19.*6+ ʻ 0/ʻ / :ʻ ʻ .+ 01 + -ʻ *9+" 8ʻ - 0* 2+8ʻ3+. - 4 +ʻ 20""+ -ʻ 4+ .2 6ʻ .4*+ ʻ
u Ub, 06ʻ & 0":06 , . + -ʻ ,171 6 + -ʻ 6 50*4 1ʻ *ʻ 8ʻ ,1* + 1ʻ ʻ3+ ʻ0/ʻ E."" 8ʻ *ʻ 4ʻ 20" ʻ
"1 -ʻ 51*60ʻ *1 - 0*ʻ 4.2+*6ʻ .ʻ 090ʻ *1*ʻ - 504 .*6+ ʻ ʻ3+ 8ʻ 5 *,058ʻ 7+<+8ʻ 1040 8ʻ
12ʻ E0*0:.0ʻ 5.6 1, * + -ʻ * 6ʻ ,.+ .ʻ 20""+ -ʻ .+6ʻ 09ʻ .+6ʻ 1040 .6 8ʻ 0":06 8ʻ *4 , .6
ʻ 0":06 ʻ: ʻ ʻ504 6+ -ʻ 0/ʻ /ʻ ʻ .+ 0 1 + -ʻ *9+" 8ʻ - 0* 2+8 +5504 6. 0ʻ 60*0.*ʻ
6* ʻ E0*0:0* 08ʻ : , -ʻ 5 1ʻ 6.*61ʻ 20*0 , 1ʻ " 20 + -ʻ . , ,0 + -ʻ *ʻ 6+ʻ 06ʻ 04 6+ʻ F
,15 8ʻ 09 8ʻ *0ʻ - ."0 , 1ʻ 06ʻ 0 .6 -ʻ 50 ʻ+ 20 -ʻ6 .* 0+*6 2+8ʻ6 .*8ʻ "50 8ʻ 06ʻ +2 ʻ
,+*3+0ʻ 15+8ʻ +0 6ʻ5 .020.*6ʻ 12 03+ 13+0ʻ .,ʻ 0:0 0*6 .ʻ3+.ʻ4020*6ʻ 09 8ʻ . - , ʻ
6 . -ʻ ,1".*6ʻ *603+. -ʻ 4ʻ 40,0 *0 06+ ʻ 08ʻ - +"616 08ʻ .,ʻ 4 +ʻ *ʻ 09 1ʻ ,1* 61 1ʻ
.9 6.6.ʻ +, .6ʻ 3+14ʻ 0. *ʻ .5+4ʻ 51*6 ,0 -ʻ ." 1 3+0ʻ 5 *, 508ʻ *: 4 . ʻ *60ʻ .4 1 28ʻ
*ʻ 09*1ʻ , ."+ - * .ʻ - * - 0ʻ , . 6+ . -ʻ .55. 0 06ʻ (,4ʻ ,+ -ʻ (1"167+ *0* 08ʻ - .<1 + -ʻ
0" 9 1*0ʻ .44 6 ʻ013+0ʻ - *+8ʻ + 50 6 ʻ1 60*40 0*6ʻ1, ,+5.6.ʻ .ʻ (.2.+41ʻ .+6ʻ "5.* 8ʻ
E0*0:.ʻ " 20 + -ʻ *ʻ E.""" . -ʻ 50ʻ "+ + .8ʻ .+/ " . 2+86 .* 6+ -ʻ - 504 ʻ ,3+0ʻ 1, ʻ
4+8ʻ6.*61ʻ - 50*4 1ʻ +6 *3+0ʻ - .9*1ʻ E."" , .0ʻ 0":06 , .03+0ʻ 0 ʻ21*1ʻ616 08ʻ 0*1 ʻ
:.6+ - ʻ *+6 "0ʻ 06ʻ 6+ -ʻ 044 ʻ 0/ʻ *.6+ .ʻ *ʻ 7+<+ - 14ʻ 02+8ʻ 50* 6.*4 8ʻ - 1 1 +8ʻ
3+ʻ ,1*, 1*.61 08ʻ .ʻ .4 1 8ʻ +21 *.618ʻ 0.ʻ 40ʻ 0ʻ .4ʻ .+ 0 8ʻ +.8ʻ <. - 4061*.*60 8ʻ 2ʻ
ʻ .*4 0ʻ : 402.6+ ʻ3+14ʻ ""ʻ - ." 9*0ʻ 06ʻ : 4 1 0ʻ 51 60.ʻ ,0 6.6 -ʻ 0,0 0ʻ ,+ -ʻ 2ʻ*0ʻ
,0 6.60 -ʻ .ʻ 1 6+*.ʻ - 51 6. -ʻ: 40 06ʻ +6ʻ .+6ʻ ,1*4 6 1*08ʻ . , , 50 06ʻ .+6ʻ .+/ " 8ʻ 0" ʻ
:06 1 + - ʻ *ʻ 3+ 2+8ʻ 5 .0, 5++ -ʻ5 .0 4 + -ʻ 02+8ʻ 6+ 2.6 8ʻ 51*02.6ʻ *ʻ 51 60 + -ʻ , . ʻ
0 06ʻ6.*40 -ʻ 5.4.ʻ .2ʻ "6. 1 6 1ʻ 06ʻ (.6 , 1ʻ ,1*:0*6.ʻ0/ʻ 5. 0*6 8ʻ ." 1 + - 3+0ʻ 5 1 ʻ
,0 + -ʻ 0*60*6 .ʻ .6.ʻ 7.2+ 6ʻ /6 0 - 1ʻ .**1ʻ / : ʻS."ʻ 0, ʻ *ʻ 0*.6+ʻ 5 1 - +"9.6+ -ʻ
+ 6ʻ 4 5"1 - . ʻ3+1ʻ 4A+ 14+*0* 8ʻ 0+ʻ :0 +8ʻ 1: 14+*0* 8ʻ 4 6 1ʻ 4+, .6+8ʻ 6 6+"1ʻ 40,1 ʻ
.2.6+ ʻ013+0ʻ % .*, 0.ʻ U 1.*.ʻ3+.0ʻ " 60 -ʻ 40ʻ - .6 - 1* 1ʻ 2" -ʻ A.,121ʻ (.2.+41ʻ
ʻ 0 - 1 1 ʻ4+, - 1:0 .6ʻ 1 *.6.ʻ0 6ʻ * 6.*60ʻ **.ʻ 60 6 *.ʻE+ .*1 - -ʻ5. 0*6 .ʻ
3+.0ʻ 0 - 1 1 1ʻ 51 6ʻ - 1 60 -ʻ5 - ʻ - . 6ʻ *+5 0 .6ʻ 0.ʻ ,1*4 6 1*0ʻ+6ʻ ,1*,0 56 8ʻ
40ʻ .ʻ 0 - 1 1 1ʻ 4.6.0ʻ 41,+ - 0*6 8ʻ <+ ʻ1 - *ʻ 0*+*, . 06ʻ *0,ʻ 5 .ʻ .+6ʻ 0* ,+8ʻ
" +8ʻ 0/ʻ 0 - 4 1 1ʻ + 0056+8ʻ ".6+8ʻ 3+.0 6 1*0 -ʻ 1" -ʻ " 20 8ʻ 0/ʻ "2ʻ 06ʻ 0 - 1 1 1ʻ
ʻ ʻ + 0056 8

CIↃIↃLXXIX. HENRICUS III.

ſuſceptis intenderent: quod tamen, non impletis utrinque conditionibus, locum non habuit.

XV. EODEM anno Joannes [a] Aumontius, perilluſtri loco natus, ſed virtute et fide illuſtrior, equitum tribunus creatus fuit: quod Annae [b] Jouſae illum commendantis gratiae potius quam meritis optimi viri ab indulgentiſſimo principe tunc datum eſt; qui, cum tot homines plerumque indignos ingentibus beneficiis cumulaverit, in nullum ſua gratia digniorem beneficium tota vita contulit quam Aumontium, qui, turbatis poſtea rebus, cum alii cum fortuna diffugerent, unus inter paucos e proceribus fidem ſervavit, et regis, quamdiu vixit, regnique cauſam conſtantiſſime protexit. [α]

XVI. IN Belgio, poſt Gandenſium motus Arauſionenſis interventu compoſitos, Jo. Caſimirus, qui ad eos venerat, et aegre finem diſſidiis impoſitum, ut credebatur, ferebat, inde diſcedit; et cum familia ſua in [c] Britanniam navigat, ubi magnifice ab Eliſabetha [β] exceptus, Londinum funalibus praelatis a ſenatu populoque in regiam deducitur; nulloque non ſpectaculorum, haſtiludiorum et conviviorum genere teſtata gratum ſibi tanti hoſpitis adventum, regina etiam ſuis manibus ſancti Georgii periſcelidem tibiae aſtrinxit. Dein, ſaepius communicatis cum eo conſiliis, cum aſſueta libertate percontaretur, qui factum eſſet, ut tantus Ordinum exercitus, nullo operae pretio facto, diſſipatus eſſet, ille culpam in noſtros rejiciebat, qui communia cum Jo. Auſtrio conſilia ſemper habuiſſent, et non tam auxiliares in Belgium quam ad turbandas afflictarum provinciarum ex compacto cum Hiſpanis res veniſſent. Id cum multa verborum acerbitate ſaepius repeteret, neque eſſet qui Gallorum cauſam tueretur, commodum affertur de Germanorum poſt ipſius e Belgio diſceſſum ignominioſa cum Farneſio facta pactione. Poſt [d] Carpam vi ab Octavio Gonzaga expugnatam VI Eid. Jan. et editum in ea inſigne ſeveritatis exemplum, exercitus regius, [e] Moſa tranſmiſſo, Ruremundam reverſus, [f] Halmontem venerat; quo capto, [g] Werdaque, praeſidiariiſque pari ſeveritate in furcam actis, poſtea [h] Turnohutum, Ranſtam et Endoviam verſus regii movent. Heic , qui Germanico equitatui per Jo. Caſimiri abſentiam praeerat, cum ab exploratoribus deceptus tantum CCCC cataphractos equites ex regiis proceſſiſſe crederet, [i] Araſchoti ex XVI vexillis, quae penes ſe habebat, XL ex unoquoque delectos ſumit, et ante Endoviam in aciem inſtruit; et, quamvis, ſero errore agnito, ſe periculo expoſitum videret, tamen audacia illud diſcutiendum ratus, fortiter pugnam capeſſit. Suſtinuit ejus impetum Camillus [k] Scafinia Mediolanenſis cum XXX circiter cataphractis. Eo in conflictu ipſe cum aliquot e ſuis deſideratus, pluribus e Germanis occiſis, qui cum in gyrum more ſuo deflecterent, Farneſius, dum aciem inſtruit, CCCC ſcloppetarios mittit, qui eos interea velitando diſtinerent. Ipſe cum omni robore incubuit: Germani vim non ſuſtinuere; ſed mox cedentes, ſervatis ordinibus, ad proximum lucum perfugium habuerunt, C ex ſuis amiſſis, et L captis. Inde Araſchotum reverſi, protinus conclamatis vaſis, in Flandriam deſcendunt. Igitur Farneſius, qui profunda nocte profectus ad Araſchotum fugienteis adſequi ſperabat, fruſtra fuit. Sed poſtridie Araſchotum ad eum mittunt; et, magno Philippi bono diſceſſum ſuum ceſſurum praefati, petunt, ut ſibi VII menſium ſtipendia numerentur; quibus acceptis, in Germaniam abituri ſint, intra tempus condictum contra Philippum minime militaturi. Stulta haec Farneſio viſa petitio: ad quam ille his verbis confeſtim reſpondit: Domini Germani, quibus ludus eſt Chriſtianam pacem turbare, quique ſpoliis innocentum hominum vobis nulla injuria obnoxiorum ditari gaudetis, ſcitote

VAR. LECT. [α] *Hic ſequuntur in D.* f. *Staniſlai Hoſii, Jo. Hartungi, Eraſmi Oſualdi, Jo. Stadii, Lud. Regii, et Jo. Bapt. Hadrianii elogia; quae in Ed. Gen. ad hujus libri calcem ponuntur.*

[β] exceptus, inſigni periſcelidis donatur: ſaepiuſque cum eo communicatis conſiliis, cum regina ab eo aſſueta libertate percontaretur *D.* f.

INTERPR. [a] *d'Aumont.* [b] *de Joyeuſe.* [c] *Angleterre.* [d] *Carpen.* [e] *la Meuſe.* [f] *Helmont.* [g] *Weert.* [h] *Tournhout, Ranſt, & Eindoven.* [i] *Arſchot.* [k] *Scafigna.*

, 6160ʿ :12 8ʿ 0 -ʿ 0 "0ʿ ,+ - ?: 8ʿ 3+ʿ * 1 6+* 1ʿ *3`) 14ʿ ,+"5.ʿ :0 6 .ʿ *, 4 6 8ʿ & (ʿ
- . 4 . 0ʿ *1 6ʿ 40 60*6ʿ 01ʿ 06 ʿ 3+ʿ <+ 6.ʿ . - .ʿ , - 50 ʿ .4<+ : .6ʿ 3+ .0ʿ :18ʿ : 4 , .ʿ ' # ʿ
ʿ . 1ʿ !ʿ 9 *ʿL * ʿ ʿ*#ʿ ʿ$ ʿ ʿ
*0,ʿ *+*,ʿ *ʿ J .*, .ʿ - " 6.6 8ʿ *0,ʿ *12 8ʿ .* - +8ʿ 0 6ʿ 6. *ʿ - ."0ʿ 5 *, 5 8ʿ *1 6 ʿ 02+8
3+. -ʿ "" ʿ ., +*6ʿ ,1* +"0 0ʿ $0,+* . - ʿ+6ʿ 40ʿ 5 1: *4.ʿ 40,04.6 8ʿ .ʿ *12 8ʿ 506 6 8ʿ *18
,1*6 .ʿ +6ʿ 4 ,040*4ʿ 20 . - ʿ5160 6.60 - ʿ :12 8ʿ : 6.ʿ .": .ʿ ., . - +8ʿ <50,+* . - ʿ .ʿ :12 8
!ʿ < *ʿ$ ʿ(ʿ ʿ ʿ ʿ ʿ !ʿ 9 ʿ
5 1, *4+ʿ ,+ 1ʿ 0 6ʿ * 7 "ʿ ." +4ʿ 0/504.*8ʿ 3+. -ʿ +6ʿ 1,, 1 + - ʿ*+ - 0 + -ʿ *ʿ "5.
* . -ʿ 50 0 .6ʿ 1,ʿ 0 51* 1ʿ +.0ʿ 506 6 1*ʿ ,1*6+ - 0" 1 0ʿ ""+ + - ʿ ,0 *0*608ʿ E0
- .* ʿ ,+ - ʿ *ʿ ,1 - - +*0ʿ *1*ʿ 51"%0*6ʿ 5 : .6 - ʿ 2ʿ 3+ 3+0ʿ 1* +" 6ʿ < 06ʿ ., ,056.
6.*40 - ʿ 6+6ʿ ,1 - - 0.6+8ʿ .ʿ 5 .0 640ʿ 0,+ 6.60ʿ 7+0ʿ ""+,ʿ 4 :0 ʿ .20+*6ʿ 06ʿ ,+ - ʿ 8
S ʿ; ʿ # % # ʿ =%(ʿ $ ʿ ʿ# ʿ !
0 ʿ*+*, +8ʿ ,+ - ʿ .4ʿ " .2067. - ʿ +2ʿ 4ʿ 60 - 5+8ʿ :0* "%06ʿ 3+1ʿ . - +8ʿ .401ʿ E.""18ʿ
0/.9 6.2.6ʿ " .ʿ +2 40*8ʿ 63+ ʿ ,19*.60ʿ *+*,ʿ : 401ʿ E0 - .*18ʿ 6+18ʿ 5 1ʿ 3+ 2+8ʿ
6.*6150 0ʿ + 908ʿ - 0.ʿ 6 50*4 .ʿ 406 04. 0ʿ 3+.0ʿ .ʿ J. *0 1ʿ 06ʿ "5.* 8ʿ .0450 0ʿ - .ʿ
"+0 +*6ʿ 06ʿ 5 .051 60 .ʿ , ."" 4 6.60ʿ ,1*6 .4+ - ʿ - 0+ - ʿ * 6+ - ʿ +55 0 "0 +*6ʿ 060 - - ʿ
41"01ʿ : ,0 - ʿ 6+. - ʿ ,+ʿ +2"0: .*4.0ʿ 3+. - ʿ .2ʿ . * ,.ʿ 09 *.ʿ 40208ʿ 06ʿ 51608ʿ 1 - *0 - ʿ
150 - ʿ 06ʿ 20*0:1"0*6 . - ʿ 0/ʿ .* - 1ʿ 40 0 1?ʿ 4ʿ :061ʿ 71 - 1ʿ +50 2+8ʿ ,+ - ʿ - 5.6 0*60ʿ
6+" 6ʿ 6+ *ʿ 3+ 4ʿ 0 51*40 06ʿ ,+ - ʿ *1*ʿ 7.20 06ʿ .09 14 " - +". : 6ʿ ' 06ʿ ., ,056.ʿ * 7 "ʿ
1 - *+8ʿ .ʿ 09 *.ʿ 71*1 , .ʿ 50* 1*0ʿ 0/ʿ *9" .ʿ - 04 1ʿ J02 - . 1ʿ 4 00 6ʿ .2ʿ 0<+"ʿ
40 - ʿ* .: 2+8ʿ &" " *9. - ʿ 51 6.6+88ʿ .63+0ʿ *40 l .667 .ʿ 06ʿ 4 *+ .ʿ 5 1,0 2+8ʿ *ʿ
ʿ <+6.6 8ʿ *4 9*.2+*4+8ʿ *ʿ E0 - .* . - ʿ .4ʿ +18ʿ ,1*60*4 6ʿ ' +2ʿ - +6+ 8ʿ 0/5 12 .6 1ʿ
* 2+8ʿ ,+ - ʿ ""0ʿ 5 12 1 . - ʿ ,+ - ʿ 5.* 8ʿ 5.4 1*0 - ʿ 12< ,0 06ʿ 7ʿ 50,+* . - ʿ .2ʿ *9".ʿ
., ,056. - ʿ 06ʿ *60 :0 . - ʿ 090 0 0*6ʿ 5. + - ʿ 08ʿ .2ʿ *60 *0, *1ʿ - ."1ʿ .2 + 6
& ʿ #ʿ .ʿ - - ʿ"ʿ J. *0" +8ʿ .ʿ E0 - .* ,1ʿ 03+ 6.6+ʿ 0,+ +8ʿ *6+0 5 . - ʿ :0 +8ʿ
60*4 6< 5 .0 - 1ʿ A1ʿ .56 6.ʿ .ʿ 1*6.*1ʿ 0/ʿ 8ʿ 1*6.* 8ʿ 1 61ʿ 3+ʿ .4ʿ 90*60 - ʿ 1 ʿ
21* . - ʿ ,+ʿ 09 .ʿ .5+4ʿ *18ʿ +, ,0" 6ʿ *1 - 0*ʿ 06ʿ *" 9* .ʿ *ʿ 6." .ʿ 0 0 +*6ʿ 3+ʿ , ,+ - ʿ
51 6.ʿ 155 4.ʿ 06ʿ ,. 60"".ʿ *ʿ 5160 6.60 - ʿ 0409 6ʿ *40ʿ .4ʿ 5.9+ - ʿ :0ʿ +2+ 2 + - ʿ ,+ʿ
2ʿ 1 90 716.0ʿ *1 - 0*ʿ 0"3+ - "" . ʿ .2ʿ + 20ʿ :0* 6ʿ ' +2ʿ 4 *+ - ʿ ,15 .0ʿ : .""1ʿ 1 "^ʿ
3+0ʿ 40 0* .0ʿ 6.2.*6ʿ 4+, 2+8ʿ Jʿ ,ʿ .*1: 1ʿ A1.*ʿ " .*90 61ʿ 90*" 1ʿ .., 1?ʿ &."ʿ
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3+. - ʿ +6ʿ 40ʿ + - - .ʿ 40,0 *0 0ʿ : ."0 0*6ʿ ,040*41ʿ 5.+".6 - ʿ +2ʿ + 2 8ʿ - 10* .ʿ ,1* +ʿ
90 0ʿ *,0* .ʿ - 1/ʿ .2ʿ 5.* 8ʿ ""1 + - ʿ ,. 6 .ʿ < 3+ʿ 7"60 +8ʿ 5 1:040ʿ 61 - 0*61 + - ʿ
6 2+8ʿ 0/ʿ + 20ʿ 4 5"1 8ʿ 05+"ʿ +*6ʿ , , , ,ʿ , 60ʿ 7 *,ʿ *40ʿ - .<1 0 - ʿ 5. 60 - ʿ 0/ʿ
09 8ʿ ,0, 40 0ʿ 4ʿ .4+ - ʿ: ʿ 1*ʿ . 6ʿ 5"2ʿ . * 8 5 : ʿ4 0ʿ J. *0 +8ʿ 40 *ʿ ,+ - ʿ
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.6 1*0ʿ 0/5+9*. 0ʿ 6.6+ 6ʿ 3+14ʿ 06ʿ .40 - 56+ - ʿ 4 * 2+8ʿ .4 6+ - ʿ .+/ " . 2+8ʿ 0ʿ E0 B
- .* .ʿ :0* 0*6 2+8ʿ .4 - 0 06ʿ ?06ʿ ,1*6 .ʿ 08ʿ +.8ʿ .4:0 +8ʿ 4 *08ʿ *1*ʿ - 04 1, 60ʿ ʿ
* . 06ʿ *ʿ 6 *0 0ʿ E 120*4+*, . - ʿ E. 5. 8ʿ (,706ʿ . ,0 - ʿ 61 - 0*6 8ʿ .4 - 16 8ʿ 3+.6 6ʿ
06ʿ 404 6 1*0ʿ , .56. .ʿ *,0*4 6ʿ E."" 8ʿ 3+ʿ *ʿ 0.ʿ 0 .*6ʿ ,1 - - 0*4.6 1*0ʿ ʿ (0 .*ʿ E."" ʿ
3+ʿ 5.*1 + - ʿ 9*.ʿ 03+02.6+ ʿ9 .6 .ʿ .4 .ʿ 0"9.0ʿ ".3+01ʿ 3+. ʿ50 4+0""08ʿ "ʿ
50* ʿ *40ʿ 0 0*6.". .ʿ :0 +8ʿ 60*,) 6ʿ ʿ 3+1ʿ .*1: +8ʿ 5.+"1ʿ .*60ʿ &0*0 .6ʿ , ""*ʿ ,15 8ʿ
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0ʿ & ʿ ʿ 0ʿ ʿ ! $ʿ 9ʿ .' ʿ ʿ, ."ʿ K+.' #ʿ X ʿ ʿ+

CIƆIƆLXXIX.
HENRICUS III.

XVIII. Interea, cum Ordines intelligerent, [a] Gallobelgicos proceres ad defectionem ſpectare, Arauſionenſi auctore, quo religionis pacem magis firmarent, [b] Ultrajecti x Kal. Februarias unionis foedus ineunt; prius praefati, eo minime pacificationi Gandenſi derogatum ſe velle. Inſtrumentum ea de re confectum, et XXVI capitibus diſtinctum; cui ſubſcripſere primum Joannes Naſſovius Geldriae et Zutphaniae praeſes et ceteri harum provinciarum delegati, inſuper [c] Bataviae, [d] Mattiacorum et Ultrajecti adjacentiumque locorum ac Friſicarum regionum inter [e] Amiſum et Lauverſam delegati. XIII articulo de religionis libertate additum commodae interpretationis cauſa, ab hac unione nequaquam excluſas intelligi provincias et urbes, quae tantum Catholicam Romanam religionem ſervant; verum eas quoque ad unionem admittendas, modo in ceteris articulis ſe morigeras et patriae vere amanteis praebeant. Cavebatur inſuper XV capite de alimentis et jure ſuccedendi eorum, qui monaſticam vitam profeſſi eſſent et poſtea votum ejeraſſent: tunc vero ampliatum illud eſt in hunc modum; ut, qui coenobia aut collegia deſeruerant, ſi de donationibus aut conſanguineorum ſucceſſionibus litem moverint, negotium ſuſpendatur, donec ab Ordinibus, re mature perpenſa, aliter ſtatutum fuerit. Poſtea unioni ſubſcripſere Gandenſes prid. Non. Febr. dein V Non. Maii Arauſionenſis eam [f] Antuerpiae ratam habuit: conſimiliter Antuerpia ipſa, [g] Brugae, ſed non ſine tumultu, ut mox dicemus, [h] Iprae, [i] Breda ac vicinae civitates idem fecere; et Georgius [k] Lalanius Rennebergii comes, Friſiae [l] Groeningae et Tranſiſelanae praeſes, III Eid. Junii. [m] Silva-ducis in Brabantia reſtitit, adverſa factione praevalente, et incendente oppidanos fani [n] Gertrudis antiſtite, qui ad Colonienſem conventum profecturus, modo res integrae manerent, ſe quacunque ratione pacem ipſis procuraturum receperat. Itaque a Matthia et Ordinibus miſſus Joannes [o] Hornanus Boxtelius, qui magiſtratum mutaret, et urbem ad obſequium componeret. Is mox ob valetudinem adverſam urbe diſcedens Maximilianum filium vicem ſuam functurum reliquit. Tandem recepta ab oppidanis religionis pax: ſimulque inſtitutum gladiatorum collegium ex juventute fere, quae, urbe ab Hiſpanis occupata, Arauſionenſi militaverat; unde rurſus nova diſſidiorum ad perniciem mutuam ſemina jacta ſunt. Quae dum fiunt, auctore Arauſionenſi, ad Gallobelgicas provincias delegati ab Ordinibus mittuntur, qui eos ad religionis pacem amplectendam hortarentur. Verum illi ſe excuſant: et nihil a ſe, quod tranquillitati publicae praejudicet, factum multis verbis oſtendunt, culpa in Gandenſeis et eorum fautores rejecta, qui libertatem, quam ſibi ſumunt, aliis injurioſe adimunt, pacificatione Gandenſi violata; quam, cum ipſi procuraverint, eo magis ad ipſam ſervandam obligari. Itaque ſe tanquam patriae amanteis omnem concordiae viam inſiſtere paratos oſtendunt; atque adeo unioni ſubſcribere, quae univerſos aequabili jure juxta Gandenſem pacificationem complectatur: neque vero diſſimulare aut celare Ordines velle, ejus ineundae aequas, ut ſibi videatur, a Philippo propoſitas conditiones: ea de re literas VII Eid. Febr. [p] Madriti datas accepiſſe; quibus rex eorum egregiam in Catholicae Romanae religionis et obedientiae cultu voluntatem laudet et probet, cupereque ſe teſtetur, ut juxta Gandenſe foedus pax in Belgio conſtituatur: itaque petere, ne reconciliationis hanc oblatam occaſionem negligant aut rejiciant; maxime cum, pace his conditionibus conſtituta, nulla juſta belli gerendi cauſa ſubſit: proinde rogare, ut ſuam mentem ſuper ea re ante XVII Kal. Apr. amplius declarent, an non Gandenſis foederis legibus ſtare velint: ni faciant, ſe eorum ſilentium pro recuſatione habituros, et rebus ſuis, prout juſtum aequumque videbitur, proſpecturos. Cum hoc reſponſo literarum regiarum exemplum mittunt, ſimulque mandatorum

Atrebatenſi

INTERPR. [a] *les ſeigneurs des Provinces Wallones.* [b] *Utrecht.* [c] *Hollande.* [d] *Zelande.* [e] *Ems & Lawer r.* [f] *Anvers.* [g] *Bruges.* [h] *Ypres.* [i] *Breda.* [k] *de Lallain, comte de Renneburg.* [l] *Groeninghen & Over-iſſel.* [m] *Bois-le-duc.* [n] *l'abbé de Ste Gertrude.* [o] *de Horne, baron de Boxtel.* [p] *Madrid.*

')6 *' 0 Tnp

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104+8,+ -' 49 5 1,0 2+8.,'5 1: *,)85., E.*6+ ' 40. 4 *08': 1* .6' ' '
, 51*40*6'' 0 '5.4' 0 E.*40* ' * 60 0 5. .618'*03+,'." . -'+*3+. -' 2' - 0*60 -
6 "0'1 60*4+*6' 3+14'.4',1*01 4 . -' *6,'40 06 9 1 "0 4 " 40*60 8 *' 0"9 1' 6.2 '
" 0*4. - '0. *'.'A1 ' + 6 1'5 - + - ': 1".6. - ' 4' , 0 1 - *0 8 .63+0 .401' 5 18' ' *0 '
3+0'5 1 *40',1 - - 660 0 4,20 0'+6 ." 8 0/' 5.* .'1 60*6.6 8 51 " 46.6 1* 2+8 3+.8
616 08 : .*.8',/50 6' +*6'40,056'516 +8 <+/6.' <! 1o04':16+ -' .,' : .6 4* + -'5.6 . -'
- 0 - 2 .6 -' 4 ,0 5 %0 3+. .',1*4: + -' 1 + -'+* 1*',1* 0 : .*4.0 6+4+ "0 : '
4,.*6+ ' 3+14',+ -' 1"".*4 8 06 =0".*4 8 090 +*6' 4'*03+.3+. -'E.*40* '5.4 ,. '
6 1* ' 05+9*. 0' 4'0* -'0.' - 0*60 .4+ - ' *0' 12' 0" 9 1*0 -' + +8 +* 1' 1":.6+ '
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,+5 +*6'*0' '.2+* 1*04 ,04.*6'0. *' 50 ' *60 *0, *.8 4 0* 1*08 *' 50 ,+"+ -'
:2,0*6'5.,0 41 - 0 6 ,.\ 0" 9 1*0 -' ". 0 '3+.0 0 *60 6 * 8 - 16 2+8 6+ 206+ '6+ 2. '
06 5 . - *0,4%. 1' 0" 9 1*0 - ' 6.3+0 ,1*,1 4 .0 6+40.*6'06 516 +8 +1 + -' 3+. -'
,/60 *1 + -' 40 -' 03+.*6+ ' .0,'5"+ 2+8 0/5" ,.6.' 06 *6+0 5 .0 5+2" ,.6.' , '
51* .' - +"6+ -' .4 50 - 1:0*418 .* - 18 .*60 50 ,+"1' 0" 9 1* 8 5 .01,,+5.618 - 1B
- 0*6+ -'7.2+0 0' 6.3+0',+ -' +/0""0*"08 .4',18"09.6 1*0 -' 71*1 ,. -' 40, 0 '
: ",*6'*1*' 1"+ -'"09.6 [illegible]*2*' .+4 6' +*6' 04' .2 4. 41'P .5 0 "2' ' 9 .4' 5 .0 '
041,6': ,0,1 - 60 E.*40*" ' 6 02.6+ -'5 .0 406.*3+. -' 04 6 1" ' - ."04 4 806 ,1* '
: , 8 ,/,,56'.,'51 6 0 - 1'" *0'+""1' 0"51*"2' *<+ 1 0 4 - ""' +*6' A. -'.*60.'.**1'
+50 1 0 1040 ' 0*+*, .:0 .6&."0*6 *+8 U$. 40+8 16.'' .2 013+0 60 - 51 0 ,+ -'
- - .*+0"0 ' ." .* 1',90 .6'+6.2' 4 *+ -' 1, 06.604 ,040 06' .4.' 50'+6 , , :'
"1 0*1 + -' ',0 6 8 50*" 1* 2+8 *' " 50*4 + -' : ' ' 504 6+ -' 06 ,,,,'03+ 6+* '
3+18 "0,+ -'6 .702.6'.4*+ - 0 . 0*6+ ' %.*40 -': *' 4' 5 ' 104+8 * 6+ '5 1' 0 '
" 9 1*0 .671" ,.' 0 : .*4.' 06 12 03+ 1' 09 ' 402 61' 0<+ 3+0 50 ' 0"9 + -' : ,. 1'
5 .0 ".*41'<+/6.'5., ,.6 1* 8 E.*40* 8"0908'.44 6.',".+ +".'+6'* "' 0/',1*4 6 1* '
3+.,.+6+ - ' +6 5.* ' 6." ' 5 16.0' + 9+*4 1*08 06 ." ' - "608 5 1: *4." 2+8
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". . -'06 ,7 . - -',1*:0*6+'5+2" ,.6+ -'0 6' 0140 - 3+0 60 - 51 0# +40 - . .*+ -'
16.' *' 40 -'.,,05 6',+ -' 5.+"1'.*60 .'J .*, 01' .*1: 1'50 'J".*4 . -',+ -' 40 '
R4 8'20""+ -',1*6 .'E.""120"9.8 ., 60 '90 0*60 - +"6'0/' 1040 .61 + -' - " 6 2+87.+4
"1*90 .' + *R0 R.',.4 '0 0*6' '3+1' *',1* " 4+' ..,+8 '&."4 .0+8 1 +8 9 .: 60 '
:+"*0 .6+8 0 6' *40 1040 .6' *0+*6,' 5 "'.4' 4 *08 0 2+*6'06 .4 ' +' .6 1*08
044+*6' 4'+*+ -' 0 .* - 2.9 6. 0 5 160 6.6 '+6'5.,0 5.6 .0 0 6 6+6.' - .<1 - -' 0" 9 1'
0 :06+ ' 09 ' 402 6.'1204 0*6 .',1* 606' "5.* '06 0/60 '1 - *08 0"9 1' 0/,04.*6
G+.8 .4" 60 .8 0140 -' - 0* 0' 4 *08 0 0 2+*6' 06 6+4 + -'3+ 40 -' 5 1 + -'".+ '
4.*6 ' ,060 + -'5 +40*6 . -' *' 8 40" 40 .*6' 3+ '616 08 : .* 8 5.*1 + -'5 1 - "" 8
40,056'*+*,' (0"" ':0 2 8 40 -' .47 20.*6' ' * . - "2.* ' 06 51""' 0<+8 4 00 ") -'
* 14.0'06 ." 1 +*' "5.*1 + -' 50 * , 1 .8 - .,7 *.6 1*08' 3+.8 - +"6 8 :0 2 8 0/ '
.990 .*6'*16.8 0 "0 '3+1 + - 8 :0 6 9 8' *" 60*8 + 6 +8 .2 ,1:041' 6.' * 6 - 4+('
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4 01 4 .' *60 ' 0 9.8 5. .'.2' ,1:04 '4 0 5+" 8 .,' 04. 8 4'.9 '+6'3+'+* :0 "'
- .' * 1*' 5160 .*6' - 9+"' ,. 5.*6+ ' *0,'0/0 - 5"+ -' "1*90 5060*4+ - '6.*6+ -' .4'
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,1*<+*4 8

% $ '? ' -' ' '+ $0' ' ' ' ' ' ' ' ' $' $
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conjunctis viribus oppugnant, procul dubio expugnaturi, niſi ex alto ſopore expergefacti reſipiſcant, et, rejecta ab oculis nubecula, Hiſpanorum conſilia pervideant: id, Deum orare, ut ipſis concedat, cunctique, depoſitis odiis ac ſimultatibus, in commune conſultent: ſe quidem Coloniam delegatos miſſuros; idem ut ipſi faciant, rogare. Ad has literas et nummum cuſum ex aere in eandem rem addunt: in cujus antica parte Ecmundani et Hornani comitum capita reciſa et palis fixa; in poſtica duo equites ac totidem pedites dimicantes viſebantur, cum inſcriptione: PRAESTAT PUGNARE PRO PATRIA, QUAM SIMULATA PACE DECIPI. Haec dum ultro citroque publice aguntur, Arauſionenſis privatim multos ex amicis monuit, ſibi ut in foedere ineundo diligentius caverent; ac praecipue Hannonios, qui ſerius foederi ſubſcripſere. Nam Philippus Lalanius comes provinciae praeſes, qui plurimum Arauſionenſi deferebat, parentem eum vocare ſolitus, initio reſtitabat. Tandem a Petro Erneſto Mansfeldio, Carolo [a] Lignio Arembergio, comitibus, [b] Montinio ipſo, conſanguineis et amicis, perſuaſus foederi x Kal. Jun. ſubſcripſit. Secundum haec reconciliatio ſancitur, XXVIII capitibus comprehenſa, inter epiſcopum [c] Atrebatenſem, Sellium et Valvonium regis ac Farneſii nomine, et ordines et proceres [d] Arteſiae, Hannoniae, Inſularum, Duaci et Orchiarum: cui praeterea itidem ſubſcripſere vicecomes [e] Gandenſis Ricoburgi marchio nuper creatus, [f] Lalanius comes et Villervallae regulus provinciarum praeſides: eamque poſtea Farneſius III Kal. Quintil. ratam habuit: et menſe demum Septembri promulgata eſt. Ea cavebatur, ut Farneſius ad ſex menſes gubernacula retineret, donec alius a rege ſubſtitueretur; rex a reconciliatis exoraretur, ut Matthias in gubernatione permaneret, qui quamprimum ad ipſos venire teneretur; [g] Buranus comes in Belgium remitteretur, ſacramento primum adactus, de pacificatione Gandenſi ſervanda.

XIX. NE [h] Tornacum et Tornacenſis ager, qui conſimiliter ut Inſulenſes, Duacenſes et Orchienſes, provinciae loco hoc bello haberi voluerant, foederi accederent, interceſſit Petrus [i] Melodunenſis Spinoius princeps, vicecomitis Gandenſis frater, qui et majorum religionem retinuit, et ab Ordinum partibus nunquam deſcivit. [k] Cameracum quoque in Ordinum fide retinuit Carolus [l] Gaureus Incius, licet poſitu loci longe ab Ordinum provinciis abeſſet: nec non Juſtus [m] Soëtius Villerſius, Hiſpanorum odio, quos diſſenſione illa rurſus vireis reſumpturos providebat, [n] Buchanium oppidulum quantum potuit in officio continuit. At [o] Silvaducis, quod in Bataviae et Brabantiae quaſi confinibus ſitum undique Ordinum potentia circumfundebatur, non eundem animum ſervavit, quantumvis et gladiatorum collegium et praefecti omnem operam darent, ut concordi erga Ordines obſequio cives pacem colerent. Itaque, cum unio Ultrajectenſis, invita contraria factione, in urbe promulgata eſſet, acriter pugnatum eſt, CC et amplius utrinque ſeu caeſis ſeu ſauciatis. Tandem, cum auxiliares ex Gallis, Anglis et Scotis intra urbem admitti non potuiſſent, et [p] Briela evocati aut ſerius veniſſent aut nec ipſi recepti eſſent, pars, quae ab Ordinibus ſtabat, numero et auctoritate inferior, ſibi metuens et perfugium in propinquo habens, augente metum artificioſe contraria factione, huc illuc dilabitur: [α] urbs ad aliquot dies neutri parti addicta permanſit, donec, ſolicitantibus regiis, tandemque acceptis pacis Colonienſis conditionibus, Farneſiii interventu, regi reconciliata eſt; ex eo magnis incommoditatibus conflictata, cum Matthias et Ordines contra oppidanos tanquam hoſteis ac deſertores infenſi omnem rapiendi licentiam militi ſuo permitterent. Initio

Amerſvorda,

VAR. LECT. [α] et ſic urbs *D.* f. d.

INTERPR. [a] *de Ligne, comte d'Aremberg.* [b] *le baron de Montigny.* [c] *l'evêque d'Arras, le baron de Selles, & le ſieur de Valbuon.* [d] *Artois, Hainault, Lille, Douay, & Orchies.* [e] *Robert de Melun, vicomte de Gand, marquis de Richebourg.* [f] *le comte de Lallain, & le ſieur de Willerval.* [g] *de Buren.* [h] *Tournay & le Tourneſis.* [i] *Pierre de Melun, prince d'Eſpinoy.* [k] *Cambray.* [l] *de Gaure, ſieur d'Inchy.* [m] *de Soete, ſieur de Villers.* [n] *Bouchain.* [o] *Boiſleduc.* [p] *la Brille.*

V - , :1S".ˢ 4 6 1* ˢ) "6 .<0.0* ˢ +24 6.ˢ *0,ˢ *1*ˢ 1* 1 6 + -ˢ 06ˢ =+6 .* .ˢ
3 .,ˢ. 208ˢ , ,ˢ 71 - * 2+8ˢ - .<1 + -ˢ ., .ˢ 06 *0*6 2+8ˢ 7.2 6.*6+ ˢ 5.,ˢ +2 , 20 0ˢ 9+8ˢ ˢ
0,.".2.*6ˢ 6.3+0ˢ *ˢ ,.8ˢ 4+0"ˢ 5".,+ 6ˢ .,ˢ 5 - + -ˢ - 0 :1 4. - ˢ 6.*3+. -ˢ) "6 .ˢ
#S ˢ 5 1/ - 1 0 - ˢ 3+14ˢ .4:06 . - ˢ 5. 60 - ˢ 1:)%0ˢ ,1"".6 1*08ˢ 40*09. "0 ˢ 5 .0 4 . 18ˢ
? .,ˢ $ 160 6.*6 + -ˢ ,1+, 1*.61 08ˢ :ˢ 0/5+" ,ˢ .,ˢ ,".*40 6 *.ˢ ,+ -ˢ 71 6 2+8ˢ 1040 .ˢ
* 0ˢ 4 ,0 06+ ˢ .ˢ 1* ˢ . 6ˢ ,1 1*.ˢ, * 6.ˢ 6.6 -ˢ - 50 .ˢ.,, 5 6ˢ 06ˢ ,060 8ˢ 0/ ˢ
, - 5"1ˢ .4ˢ 5 .0 "4 + -ˢ 0, 5 0*4+ -ˢ 5 .0 : 6

ˢ ˢ ˢ *6+0 5 .0ˢ 08ˢ 50,+* . .ˢ,1* , 20*41 - " 6ˢ 3+.*6.ˢ 5160 .6ˢ 4 " ˢ
90*6 .ˢ 0/504 02.6+ ˢ +2 ˢ ,+ -ˢ - .<1 + -ˢ ., 8ˢ .44 4 ˢ .667 .,ˢ 06ˢ ." 1 + -ˢ 5 1 ˢ
,0 + -ˢ .:1 ,ˢ 06 ˢ Ů 55",.6 1*0 -ˢ 50 ˢ 1 - *0 8ˢ + 2 8ˢ : ,18ˢ - .9*.ˢ 51 - 5.ˢ 7.20 0ˢ
40, ,: " 0*6 ˢ 3+.*6+ - ; 8ˢ 4 +.40*60ˢ - .9 6 .6+ ˢ 3+ ˢ 516 +8ˢ +6ˢ 51 - 0 + -ˢ 60 - 5"ˢ, ˢ
,+ - ,ˢ ,1*60*60ˢ .2ˢ. - 5" 1 0ˢ "+ 6 .6 1*0ˢ .2 6 *0 0*6ˢ - 1*02.6ˢ 6.6 1*. ˢ : . -ˢ *,0 ˢ
40*6 2+8ˢ 12 6 .+*6ˢ 40 *ˢ 5"028ˢ . - .ˢ + - 6ˢ 06ˢ ." 3+16ˢ 1,, 8ˢ ,060 18ˢ - .9*1ˢ 6+ ˢ
- +"6+ *6, - 5"+ - ,1* +9 0*60 8,6 0ˢ *: ,, -ˢ 0:0 60*60 8ˢ .,ˢ 1260 0*60 8ˢ ,1 - 50"" 6<ˢ
: /3+0ˢ .+" 1*0* 8ˢ ,+ - 6 5.6+ˢ "+1ˢ +50 :0*6+ ˢ *0ˢ +"60 1 .ˢ.+40 06 ,1" 20 516+ 6
%.*40 - ˢ 6 71 + -ˢ.ˢ + 0*60ˢ :+"91ˢ - 506 .5+ ˢ 4+ -ˢ 0*.6+8ˢ 6 2+* 3+0ˢ 40" 20 . 0*6
ˢ & /ˢ ˢ ,".5 1ˢ 515+"+8ˢ .4ˢ *90* + -ˢ 04 6ˢ < 06ˢ .,0 41608ˢ 0/50""0*4 ˢ .,+"6.60 -ˢ
51",6ˢ 2*+0*60ˢ 0*.6+ˢ 06ˢ .+ 1*0* ˢ 5 ˢ "+.ˢ.+41 6.60ˢ .4ˢ, ,ˢ 50 ˢ ˢ 0 : . . -ˢ
51 6. -ˢ 0 - 66+*6ˢ 06ˢ 4+12+8ˢ .2ˢ + 20ˢ - " . 2+8ˢ .24+418ˢ 406 *0*6ˢ 4+ -ˢ 0*.6+8ˢ 40 ˢ
6 ,: ^6 ˢ 1*6 .ˢ .667 .8ˢ 0 - 0 0ˢ 40ˢ *<+ .ˢ 2 ˢ .4.ˢ 3+0 ˢ .,ˢ * 6ˢ .,0 41608ˢ .,
- 1*.,7 ˢ 04+,0 0*6+ ˢ 0ˢ + 20ˢ 4 0040 0ˢ 5. .6+ -ˢ 4 ,0 0ˢ 9 6+ ˢ 0ˢ 5 ˢ 06ˢ .+ 1 ˢ
ˢ ˢ .ˢ 0*.6+ˢ 50 - ".ˢ 6.*40 - ˢ 5 4ˢ 4 ˢ A+* ˢ 6.ˢ ,1*:0* 6+ ˢ +6ˢ 5.,0ˢ 3+.4. -ˢ 0 ˢ
" 9 1*2ˢ 5 1 - +"9.6.ˢ 06 . -ˢ 60 - 5".ˢ 3+.04. -ˢ .,0 416 2+8ˢ 0 6 6+.*6+ ˢ 0/,"+ 8ˢ - 1 ˢ
*.,7 8ˢ 06ˢ ., 1 + -ˢ,1 "09 1 + -ˢ 14." 2+8ˢ *6+0 5 .*1 + -ˢ 0/0 - 5"1ˢ 06ˢ - 1/ˢ 04 6 1 "ˢ
0,7" * .0ˢ 6+ - +"6+.6 ˢ 06ˢ ,+ -ˢ +50 1 0ˢ .**1ˢ Ů) "6 .<04 ˢ 06ˢ ,1:. 4 .0ˢ 6.6+.0ˢ 06ˢ
- *08ˢ .ˢ 5"020ˢ + 1"7ˢ 40<04.0ˢ 0 "0*6ˢ - - .*0ˢ 3+. -ˢ ˢ E.""120"9.0ˢ 1040 .6ˢ ,1 - ˢ
- 16ˢ +*6ˢ - +"61 3+,ˢ 0/ˢ 0.ˢ 1,,. 1*0ˢ *ˢ +.8ˢ 5. 608ˢ 50 6 ./0 +76ˢ, ˢ *ˢ 8ˢ $7 " 55+ -ˢ
0 - +*4.*+ -ˢ,1 - 60 - ˢ . 1"+ -ˢ)ˢ E.+ 0+ -ˢ J 0 * ˢ 09+"+ -ˢ 06ˢ $1 6 + -ˢ 1 0" ˢ
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ˢ ˢ +/0"" 80 .6ˢ ,15 8ˢ .4ˢ .+/ " + -ˢ % .<040* 2+8ˢ 12 0 8ˢ 0 ˢ
0*4+ -ˢ ,1"" 90*4 8ˢ *60*6+8Kˢ 06ˢ 6+ - . -ˢ ,3+ 6+ -ˢ, ,.ˢ 07.202.6ˢ ,+ -ˢ 3+.ˢ 3+16 4 ,ˢ
0/,+ 1*08ˢ *ˢ 71 6 ,+ -ˢ ., 02.6ˢ . *ˢ *6 .ˢ + 20 -ˢ .,, 5 6ˢ 50, 0ˢ 0, 06.0ˢ ." ,+<+8ˢ
0/504 6 1* 86ˢ ,+ -ˢ 0.3+0ˢ + - - 1ˢ - .*0ˢ 09 , 6+8ˢ, : + -ˢ 6.6 1*0 - ˢ 3+.0ˢ .4ˢ 51 6. -ˢ
6+0 5 .. -ˢ 0/,+2.2.6ˢ 4 6+ 2.6ˢ 1,,+5.6.3+0ˢ 51 6.ˢ *ˢ 1 + -ˢ + 3+0ˢ 5 1,04 6ˢ 1 ˢ
613+0ˢ, ,+ - 0 "%1ˢ 1419 *6.ˢ 40"0418ˢ 3+ ˢ 09 . -ˢ *ˢ +50 1 0ˢ + 20ˢ 6. -ˢ *:.4.*6ˢ
* 66 6ˢ ˢ 3+18ˢ ":. +8ˢ ˢ %0 - 5"0+8ˢ + 2 8ˢ 5 .0 04+8ˢ,. +ˢ *15 *.61ˢ 50 ,+" +8ˢ ,+ -ˢ /// ˢ
3+18ˢ, ,.ˢ 0ˢ 7.202.6ˢ + - - .ˢ: 6+60ˢ 05+" 6ˢ < 06 ˢ 3+.*3+. -ˢ - " 608 ˢ 3+ ˢ 50 ˢ 4 :0 ˢ
1 .ˢ 5. " -ˢ 5. ˢ 0 .*6ˢ .2ˢ 71 5 6 2+8ˢ ,1* , 8ˢ 06 *0 0*6+ ˢ 5 0ˢ +1ˢ 0/0 - 5"1ˢ, : 2+8ˢ
.4ˢ. - .ˢ + - 0*4.ˢ 5 .0 : 6ˢ *6 05 40ˢ 5."" -ˢ 4 ",+ 0*8ˢ *40ˢ .4ˢ 51 6. -ˢ .2ˢ 71 "0ˢ 1, ˢ
,+5.6. -ˢ * 66 6ˢ 5 15+9*.,+"+ - 3+0ˢ .4ˢ 0. *ˢ 0/ 6 +4+ -ˢ 2ˢ(. 0* ˢ ,+<+ 4. -ˢ ,.+51* 8ˢ
150 .ˢ 0, 5 6ˢ (+5, .2.6ˢ 51 6.ˢ < 3+.ˢ 0/.4 ˢ 71 608ˢ 71,ˢ. 6+ˢ % 08ˢ ,+ +8ˢ 10*1ˢ 1*+ 6ˢ
*60 ˢ 2ˢ 1 - - 0/ˢ *ˢ 51 6. -ˢ 5 150""+*6+ ˢ 10*1ˢ .4ˢ 60 . -ˢ + 3+0ˢ +*4 3+0ˢ 5 150* ˢ
40*6, ˢ +6ˢ 3+ ˢ 5 150""02.*6ˢ .2ˢ 71 6 " 2+8ˢ 4 2+8ˢ 6+6 ˢ ".60 0 6ˢ 15+" 8ˢ +2ˢ 51 6. -ˢ
+ 3+0ˢ,+ 2+8ˢ *,0*4 + -ˢ - 66 6+ ˢ ,+<+8ˢ 40* 2ˢ 06ˢ 606 1ˢ + - 1ˢ 40 0* 1 08ˢ *60 ,0561ˢ
5 6+ˢ 0/.* - . 0 6+ ˢ $1 6.ˢ 0,056.ˢ 06ˢ *0ˢ E.""120"9.0ˢ .+/ " 1ˢ :0* 0*608ˢ 50 ˢ 0. *ˢ
.4 - 660 0*6+ ˢ.ˢ, : 2+8ˢ ,".+ .ˢ , - +*4.*+8ˢ *ˢ 1 + -ˢ +*4 3+0ˢ ,1 - 50"" 6+ ˢ 5".60 8

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CIↃIↃLXXIX. HENRICUS III.

et vicis paſſim aggere et foſſa, ne exitus pateret, munitis; in eoque totam noctem obſeſſus cum [a] Mechlinia novas militum copias evocatas intellexiſſet, nec minus cives ab incendio et auxiliaribus quantumvis amicis ſibi metuerent, tandem convenitur, ut ipſe poſtridie cum ſuis incolumis dimitteretur; cum totam noctem eodem loco ac die inſomnis ſtetiſſet, in quo ante XI annos Albani odio et Hiſpanorum immanitate inaudita parens ejus de patria optime meritus indigno ſupplicio affectus fuerat. Quod cum ei crebro in os a civibus injurioſe exprobraretur, facti memoria ex loci et temporis occaſione in oculos et animum recurrente, quaſi ſpectaculo et ipſe tunc interesſet, lachrimas ubertim profundere viſus eſt; quae tamen in juvene inconſtantis animi, cujus teſtimonia pleraque edebat, cito exaruerunt.

XXII. MAJORIS molis ſeditio fuit, quae ſub id [b] Brugis exorta eſt. Nam, cum Gandenſes et Iprenſes V Kal. Quintil. urgerent, ut unio nuper ſancita reciperetur, contra ſacer ordo et majorum ſacris addicti potius ad [c] Gallobelgicum foedus propendebant, hiſque magiſtratus [d] Franconatum favebat, eo quod agri ipſorum ac pagi ſui indefenſi ad Gallobelgarum incendia et praedas alioqui minitantium injurias paterent. In eo aeſtu magiſtratus Brugenſis, qui a partibus Ordinum ſtabat, conſulque eo anno Georgius [e] Verbrakelus Ultrarivius, cum Catholici, incendente eos concionatore quodam, [f] Cornelii, de quo alias dixi, ſectatore, ut ſibi tribuni militum creandi facultatem darent, inſtarent, tandem minis adactus imprudenter aſſenſit. Is fuit Hieronymus [g] Molleus, qui ſtatim, poteſtate accepta, impotenter ea uſus, cohortes a magiſtratu Brugenſi conſcriptas exauctorat, novas conſcribit, in Proteſtanteis ſaevit; Galli concionatoris aedeis trucidandi cum animo ingreſſus, cum hominem non inveniſſet, uxorem indignis modis accipit, pulſat, raptat, humique ſtratam pedibus calcat. Conſul ſero errorem ſentiens, mox ſuis rurſus ad ſigna vocatis, per Joannem [h] Vliſſichium [i] Aſininam portam occupat, et per Reinerum [k] Winkelmanum etiam [l] pontem Eſelanum ad portam uſque praeſidio firmat, miſſo Remigio [m] Aërtuikio, qui loca circa [n] macellum et plateam lapidariam, et Antonio [o] Oltramano, qui [p] pontem Querculanum in platea lanaria inſideret; quibus tribus recta in forum itur. His ſe jungunt alii, qui Aſininae portae claveis ad conſulem afferunt. Nec Molleus cum ſuis ceſſabat; qui Franconatum ope arcem occupant, et duos pontes [q] Marianum et Grutuſium muniunt. Ita utrique in armis ad veſperam uſque, cum de pace agi coeptum, permanſerunt, auxiliareis quiſque ſuos opperiens. [r] Mota [s] Roſelarium uſque ſeſquimilliare ab urbe venerat: ſed praevertit magiſtratus; et ex Ordinum caſtris VII Scotorum cohortes et turmam CL equitum, quae Turnohutum uſque proceſſerat, mane ante horam tertiam per Aſininam portam accipit, forumque et arcem invadit, excubiis adverſae factionis in fugam verſis. Molleus, cum et ipſe, ſtatione deſerta, fugiſſet, et collo tenus ſub aquis lateret, capitur, et coram magiſtratu ſiſtitur. Capti et Franconatum magiſtratus omnes, praeter [t] Natalem Charonium Schonvallium et Franciſcum Nanſium, virum egregie literatum, cujus ipſe, qui haec ſcribo, ſummam humanitatem, cum ante triennium Brugis eſſem, temporibus maxime turbulentis, expertus eram. Praeterea multi alii ſuſpecti capiuntur, et in [u] caſtrum Sluſanum cuſtodiendi mittuntur. Motani, qui hora tardius advenerant, Roſelario incenſo, indignabundi abeunt. Ex ea occaſione Brugenſes, Franconatum collegium, quod quartum Flandriae membrum facit, ut aboleretur et juriſdictio ejus urbi uniretur, inſtabant: nec Gandenſes et Iprenſes contra dicebant, ſpe concepta, ut, Franconicae juriſdictionis

abolito

INTERPR. [a] *Malines.* [b] *Bruges.* [c] *ceux d'Artois & du Hainault*, al. *provinces Wallones.* [d] *le Conſeil du Franc.* [e] *de Brakel, ſieur de Haulterive, bourguemaître.* [f] *Frere Corneille.* [g] *de Mol.* [h] *Vleyſch.* [i] *l'Eſel-porte.* [k] *Winckelman.* [l] *l'Eſel-pont.* [m] *d'Artriick.* [n] *la boucherie.* [o] *Outerman.* [p] *le pont d'Eyckhout en la rue Walie-ſtraat.* [q] *ponts de Marie & de Gruythuyſe.* [r] *la Mote.* [s] *Rouſſelaer.* [t] *de Caron, ſieur de Schoonewalle, & le docteur Nanſius.* [u] *chateau de l'Eſcluſe.*

.21" 61 - .9 6 .6+ 0. * + <+ 8 +65160 * +1 60 61 1 6. - . ,0 0*6 (04(,71*Z." " +8 ,6 .* +8 . .9* . ,1 6.*6 . 1 - - <+8" 20 6.60 - 3+0 5 15+9* . - *6 +90* , 8 1260 6.6 *0 5. +,1 + - , - 0* *1 - *0 8 4 +*40 0*6 ' 06 ,+ - *1* * 5 1 + - 04 16 +8 , /60 *1 + - ,1 - - 14+ - 0 - ,0 " + . - 1 60*40 0*6 6.*40 - 4 " 90*6 . +. * *$ * L * * # " * #

"" # . J. *0 +8 2% .<04 '12 4 1* *6.2.6) 28\ .4 1 . - 51 04. 06 5 . 4+5"0/ - 04 1 "+: 1 *60 "+ 6+ , 60 1 .4 .2. *6 . - 50 6 * ,6 +"60B 1 3+ .0 060& ,+84 46+ 014 ,0*""8 05 015 <+ 4 4 1* "+20 6 +6 .3+0 51 5+"2 03+0*8 .0 41 - 2+8 . J.2 0 6 +4 8 504. *4. ' 6+ * 1 . - 10* 2+8 06 5 15+9 * . ,+) 8 09 09 0 - +* 6. . *6+0*4. - .2 * 6 1 + 0050 .6 . *1: +8 04 .2 . 1*0* 0/, 6.6 8 5. " - 4 0*" 1* 2+8 06 .+/ " 1 . - 5 1 *40 * ,0 6. 50 50 ,+"+ - :0 61 5 +40*6, 0:1, .6+8 0 6 - 6 3+0 5. *+8 3+ 4. - *1 - *0 2*, .4. ,+ 5"+ - + - 402.6 06 E. ""+8 *1 - *0 (02. 6 .*+8 U%.5 *+8 . - 21 6 0 + 06 1 6 8 * 4+ 6 .0 4+,08 3+ +2 (,7+ 2+ 9 1 0 "01 0/ *12 "6.60 5 1/ - . 5 .0"041 0 . 20"" , . - * 0. .4 - * 6 . 0*6 . *6 * + 20 , , 60 5 .0 4 . E. "" *9" : (,16 0"9.0 0/ , : 2+8 , 1 , . - 8 09 09 0 * 6 +4 02 8 0 +56 1* 2+8 * 6 1 5+9*. 6+ -) 2 J. *0 +8 :0* 6 4+18 51*608 60 * 3+ 2+8 7 *, *40 - 608 ,1 - - , . 0*6 06 * (+"60 1 0 - 5. 60 - 7 61571 + - 1*4 .91* + - 6 .* 0 <+206 .6" 2+6. 61 - 0*61 + - 06 0/0 , 6+8 5. 60 ,+ - 3+ 2+8 & ,+ - 155+9*. 06 * , 6. ; 1 - * 8 90*0 8 61 - 0*61 + - 4 5"1 1*0 - .<1 0 - 5. 60 - 014 ,1 + - - < + - 40<04 8 5. " - "1 , 8 5 15+9* . ,+" 8 . , - +* 6 1* 2+8 .47+, * ,0 6+ - 0 .6 3+. 5. 60 : 8 06 - 5 0 " 1 0 06 %. *40 - 40, 06+ - +6 .4 4+1 "1, . 61 - 0*6. 4 90 0*6+ .4 51 6. - +/0""0* 0 - 014 ,1 . 3+1 : - "" . 2+8 .20 6 12:0 . - 06 .4 751 6. - "6. * 4 4. - <+/6. + - 0* 3+1 06 . - 1*4 .91* +8 .2 . "60 . 1 .0 5. :0 20 .6 1*0* 6 .* :0 . - , ,+8 - + + - 4 0/0 .6 J.4. :0 20 .6 1*0 : . ""+ - *6+8 .55. + 6 . %.5 *1 0 04+ - 06 "1 , 8 1 " 3+0 09 09 0 - +* 6+ - 3+1 : 1"0*6. 5+" .6 1*0 :0 20 .6 < * : 4 5 " 616 8 : 2+8 155+9*.6 1 04 , 6+ 4 +/0" "0* 0 - 51 6. - 40 6 *. 6. "09 1 :060 .* . 5. *1 + - 1040 .6. 4 4. 01 3+14 20""1 0/ 1040 0 ,1*6 . %+ ,18 90 61 *60 + "06 ,+ - . " 3+16 E0 - . *1 + - 06 E. ""120" 9. + - :0/ "" 8 "60 . 155+9*. 6 1 "09 1* .*912. 4 , .0 ,+ - . " 3+16 60 - E0 - .B *1 + - 06 0"9. + - "9* 8 .66 2+ 6+ 018 J.2 +8 J. *0 +8 J. *0 + - - - 50 . 61 8 90*6 " 8 4+,02.6 1*6 *+. 6. .4 . "60 . - 51 6 - 0 4 0 - 71 .* :0 20 .6 1*0 L * * * $ * .

$ * ! = (. ((# # * * $ * * $, ! * * * * # # * * . # ** # +! * * $ * (* *(** # $ * $ 3!R * (B * $ (# # G " ! 3 $ * ; O * * $ # " # *)) $ B * ! ; ** $ (* . . $ [** * * ., ! = (* * (# * * ! # * $ " $

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G G " 4 " . 4 . R 5 ? +. ' & B 060 0*"0 *1 +*0 +. 'U n . D B F R >

CIƆIƆLXXIX. HENRICUS III.

deficiente, milites hinc inde funibus accenſis conferti eo accurrunt, plerique ambuſti, multi diſcerpti. Tandem nocte diremptum certamen, quod multo ſanguine regiis conſtitit. Cecidere Fabius Farneſius, Petrus Guſmanus, Jo. Manrices, Petrus [a] Paceceus, Vaſcus [b] Cunea, Jo. [c] Grimaldus, Marcus Ant. Simoneta, [d] Vidus Sangeorgii comes, Corradus Malaſpinae marchio, Petrus Onufrius [e] Montiſdolii comes, Auguſtinus [f] Scafinia, Marcus Ant. [g] Interamnas, Vincentius Macchiavellus, alii: graviter ſauciati Antonius Sunica, [h] Carolus Africanus, Bernardinus Mendoza, Joannes [i] Inicus Palentianus, Sanctius Leva, Fulvius [k] Alvertinus, Mandricardus Pallavicinus, Franciſcus [l] Antenoreus, Ambroſius [m] Landrianus, Ludovicus [n] Vicecomes, Ant. [o] Montacutus, Coriolanus [p] Sarena, Ant. [q] Caſtellus: CCCC amplius milites in valetudinarium ad id paratum ex ſtrage ſuperſtites, admodum vulnerati, ſunt delati; quorum major pars periit; quidam verbis tantum ſuperſtitioſis adhibitis, ſicuti in [r] Rupellae obſidione factum memoravimus, curati ſunt. Ex obſeſſis et non pauci deſiderati; praecipue cunicularii et foſſores. Poſt tantam cladem a vi aperta aliquantum abſtinuit prorex, tumulo plano ex ceſpite ad portam Bruxellenſem excitato, ex quo diſpoſitis tormentis obſeſſos, ne ruinas ſarcirent, impedire conatus fruſtra fuit, cum illi nihil periculo territi ruderibus, lapidibus ac terra comportanda noctes diebus continuarent. Tumulo ſepimentum oppoſitum erat, aggere et foſſa egregie munitum, ex quo infeſta diſploſione regiis multum incommodabatur. Per quinque hebdomadas, contraria utrinque verberatione nuſquam intermittente, nulla dies abibat quin XX ad minimum utrinque caderent. Hujus ſepimenti diruendi variae rationes a Farneſio initae. Tandem eo potiti poſt crebras ſuffoſſiones ac varia certamina regii loricas ac moenia invadunt, ita ut cominus etiam manus utrinque conſeri poſſent. Tum cuniculi XXII acti, quibus ignem concipientibus et magna murorum ſtrages edita, et C ex obſeſſis in altum ſublati ac diſcerpti ſunt. Ante urbem inſula jacet, quam Farneſius cum occupare et munire moliretur, idque negotii Aegidius Barlemontius comes, ita [ſ] Hiergius, patre ſub id tempus mortuo, jam appellabatur, tormentorum praefectus, ſibi ſumpſiſſet, dum neceſſaria ad eam rem pararet, incumbente a defenſoribus glandium grandine, ictus ipſe periit; vir magni animi, et qui his bellis magnam militaris virtutis laudem meruerat. Inde novi cunicularii [t] Leodico, ubi peritiſſimi habentur, ac foſſores ad IV CIƆ acciti, [u] Gerardo Groesbecano epiſcopo, qui et tormenta commodaverat, nihil non agente, ut conatus regiorum in illa urbe, in qua et partem habebat, expugnanda ſuccederet; quanquam id Ordines veteri Leodicenſium odio potius tribuebant quam gratiae erga regem; quippe qui a Burgundionibus olim acceptorum damnorum memores occaſione oblata vindictam perſequebantur. At Farneſius, ſepimento occupato, jam remiſſius agebat, dum novae copiae advenirent, cuniculis et ſuffoſſionibus rem gerere et crebris inſultibus inſomneis praeſidiarios vexare contentus; qui, quantumvis nunciis crebris, dum licuit, et ſignis ac ignibus ſublatis, ad quas anguſtias redacti eſſent, ſignificarent, nulla ope juvari potuerunt. Nam diſſenſiones a Gandenſibus exortae, et poſtea a Gallobelgicis provinciis in majus auctae, tum poſt conſcripta IV CIƆ equitum in [w] Sicambris, quibus et peditum aliquot cohortes adjungendae erant, [x] Egmundanus et Burſius nuper deficientes omnem auxiliorum ſpem Matthiae et Arauſionenſi praeciderunt. Sola in Colonienſi conventu ſpes ſupererat; ubi, cum Ordinum delegati inſtarent, ut, dum de pace agitur, obſidio per inducias intermitteretur, aut urbs conſignaretur in manus alicujus, qui neutri parti addictus eſſet, Carolus [y] Arragonius Terranovanus dux, Philippi legatus, nihil

INTERPR. [a] *Pacheco.* [b] *d'Acunna.* [c] *Grimaldi.* [d] *Guido, conte di S. Georgio.* [e] *Montedoglio.* [f] *Scafigna.* [g] *da Terni.* [h] *Carlo d'Africa.* [i] *Inigo de Palenza.* [k] *Albertini.* [l] *Antinori.* [m] *Landriano.* [n] *Viſconti.* [o] *da Montauto.* [p] *Serena.* [q] *Caſtello.* [r] *la Rochelle.* [ſ] *de Berlaymont, ſieur de Hierges.* [t] *Liege.* [u] *de Groesbecque.* [w] *Gueldre.* [x] *le comte d'Egmond, & le ſieur de Bours.* [y] *d'Arragon, duc de Terranova.*

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CIↃIↃLXXIX. HENRICUS III. Adolfus [a] Goraeus equites, Hadrianus [b] Milanus, et Haggaeus Albada, juriſconſulti, ab Hollandiae ordinibus miſſi. Caeſarei legati inſtabant, ut ad praeparandos in pacis conditionibus accipiendis animos et acerbitates mitigandas, dum deliberatur, induciae pangerentur: et conditiones de [c] Trajecto in Caeſaris manus conſignando ab Ordinibus oblatas maxime probabant. Sed Terranovanus nunquam adduci potuit, ut obſidionem intermitti pateretur; unde, ſecuta miſerabili urbis direptione, non parum animi, quos clementia et benignitate potius conciliari oportebat, a pacis rationibus alienati ſunt. Tandem, cum utraque pars capita propoſuiſſet, ea decimo poſt die, hoc eſt, XV Kal. Sextil. legati Caeſarei aliquantum mutata Ordinum delegatis tradunt ac ſummopere commendant, ſeque ulterius nihil a Terranovano impetrare potuiſſe teſtantur. His decernebatur; ut pacificatio Gandenſis ante triennium VI Eid. Nov. facta, eamque ſecuta unio Bruxellis V Eid. Januarii proximi, et edictum perpetuum eodem anno menſe Februario conditum, ac regis confirmatio ſervaretur: praeteritorum omnium oblivio ſanciretur: rexque Belgas ſibi ſubditos in gratiam reciperet, et jura, libertates, privilegia, immunitates antiquas civitatibus et ſingulis ac univerſis confirmaret: exteri omnes, Hiſpani, Itali, Germani, Angli, Scoti Belgio confeſtim excederent: nova tributa et vectigalia abolerentur: cuncti, tam eccleſiaſtici quam alii, bonis omnibus mobilibus ac ſoli reſtituerentur: cuncti conſimiliter ad dignitates et munera, a quibus bellorum occaſione depoſiti fuerant, reciperentur. Additum, ut nulli, niſi indigenae, ad praefecturas, magiſtratus ac munera publica admittantur: omnes captivi dimittantur ſine pretio, niſi prius de eo convenerit: [d] Buranus comes, poſtquam cum Arauſionenſi tranſactum fuerit, intra trimeſtre libertati reſtituatur: Matthiae et Ordinum acta omnia tanquam legitima rata habeantur; quod de iis, quae non directe ad regis perſonam pertinent, aut contra patriae jura ac libertates decreta erant, intelligatur: ſuprema majeſtas, auctoritas et obedientia regi deferatur. Rex, quem velit gubernatorem ſupremum deligere poſſit, qui ſecundum patriae jura ac leges, pacificationem Gandenſem et hoc reconciliationis edictum, item ad formulam a Carolo V et Philippo ante has turbas propoſitam jus dicat: huic autem abſque omni dilatione arces, urbes, munitiones, tormenta, naves armatae regiae, apparatus bellicus tradantur: nulla ſit bonorum regiorum aut vectigalium belli tempore perceptorum repetitio, aut in jure perſecutio: pacificatione hac executioni demandata, Ordines omnibus foederationibus ac contractibus cum exteris principibus belli hujus occaſione initis renunciare teneantur: hac item pacificatione Angliae regina et dux Andium comprehendantur. His actis, legati, cum fruſtra iterum inducias a Terranovano, dum de iis capitibus ab Ordinibus deliberaretur, interponi petiiſſent, ad Ordines ſcribunt, et conditiones perſcriptas ut accipiant multum rogant. Tum, quia ab Ordinibus civitates ſuper ea re conſulentibus tardius reſponſa adveniebant, inde occaſione ſumpta, Philippici apud Caeſareos inſtant, ut ipſi auctoritate ſua literas ad ſingulas civitates et ſingulos proceres mittant, quibus et Terranovanus ſuas junxit: quod, clam delegatis Ordinum factum, ut Philippicas partes confirmavit, ita Ordines, quo minus propoſitas a Caeſareae majeſtatis legatis conditiones acciperent, aut in bonam partem interpretarentur, omnino deterruit; cum religionis cauſae, quae motibus occaſionem in Belgio dediſſet, non ſatis conſultum dicerent, nec de mitiganda placitorum ſeveritate ulla ſpes illis fieret. Nam diſerte hoc volebat Philippus, Catholicam Romanam religionem, quam a majoribus ſuis acceperit, in cunctis ſuae ditionis provinciis, praeterquam in Hollandia, Zelandia, Bomelia, quas in pacificationis Gandenſis diſpoſitione relinquebat, excluſa omni alia religione, locum habere. Acta pacificationis [e] Coloniae ſtatim publicata a Caeſareis et Philippicis miniſtris: dein

Antuerpiae

INTERPR. [a] *de Goer.* [b] *Vandermilen, & de Albada, docteurs en droit.* [c] *Maeſtricht.* [d] *le comte de Buren, fils ainé du prince d'Orange.* [e] *Cologne.*

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CIↃIↃLXXIX. HENRICUS III.

admitti non deberet, quibus multa illi praefracta impudentia ac dementia affingebat; et inter alia illi exprobrabat, quod Gallis faveret, et Belgium Hiſpanorum jugo liberatum ſub jugum Gallorum et Andini mittere meditaretur; quod exercitibus ducendis impar eſſet; quippe qui, cum validiſſimas haberet copias, ſe ſemper in urbe continuerit. Verum, rejectis impudentis ac ſeditioſi hominis importunis criminationibus, [a] Rihovius, qua auctoritate ob moderationis ac prudentiae opinionem inter ſuos valebat, tenuit, ut Arauſionenſis certis conditionibus in urbem reciperetur. Eae erant; ut nullum quacunque de cauſa in urbem praeſidium introduceret, aut introduci pateretur; nihil privilegiis, libertatibus, ac praerogativae atque adeo principatui ad ſe nuper devoluto, ulla in re derogaret; de religione Proteſtantibus caveret; nihilque in eo negotio, etiam quantum ad eccleſiaſticorum bonorum uſum, in praeſentiarum innovaret; ob praeterita nihil ulli imputaretur: capita haec ante ſuum in urbem ingreſſum jurejurando adprobaret. Antea etiam Gandenſes apologia publicata de pecuniae collationibus ſe excuſaverant, et inita ratione oſtendebant, ſe, qui tantum quartam partem totius Flandriae faciant, in communem reipublicae uſum a XVIII Kal. Sextil. anni ſuperioris uſque ad VIII Eid. Junii proxime elapſi CCCCXXIVCIↃ et LVI libras Turonenſeis ſive florenos, ſingulis florenis XL groſſis Flandricis aeſtimatis, pependiſſe, praeter hoſtileis excurſiones, quas a Gallobelgis ſeditioſis intra VIII menſium ſpatium paſſi eſſent, quae damna CCC florenorum CIↃ et pluris aeſtimabant: ad quam rationem ſi reliqua Flandriae membra contuliſſent, ex principe illa provincia trigeſies centena florenorum millia et amplius cogi debuiſſe; et, ſi rurſus ad eam rationem ceterae Belgii provinciae impoſitas collationes, ut aequum erat, exſolviſſent, totam ſummam ad nonagies centum florenorum millia et ultra excurſuram fuiſſe. Quos vero in uſus tam ingens pecunia inſumpta eſſet, quaerebant; et, ſi reliquae provinciae non exſolviſſent, iniquum eſſe, ut a Gandenſibus, quod aliae non facerent, exigeretur. Inſuper muniendae urbi impenſa CCXXC florenorum millia allegabant. Verum hanc Gandenſium meram venditationem ac oſtentationem plerique contra vituperabant, et privati tantum commodi et affectus tam ingenteis ſummas non in uſum publicum expenſas arguebant: nam in conſcriptos propria auctoritate milites, invitis et contradicentibus Ordinibus, ad Gallobelgas vexandos jam ante irritatos hanc pecuniam inutiliter et damnoſe conſumptam; cum ipſi interea nuſquam Lanovii monitis ac juſſis obtemperaverint, nec in uſum militis pro ipſorum ſalute excubantis ac pugnantis quidquam contulerint; ſed ſacerdotibus, monachis ac virginibus devotis in urbe bellum facere contenti, per petulantiam ac laſciviam pecuniam publicam omnem conſumpſerint, officio ſuo ſatis ſibi feciſſe viſi, ſi ſe ut Hiſpanorum ſic et Gallorum infeſtos hoſteis intempeſtiva oſtentatione profiterentur: quod non ſolum Ordinum res maxime labefactavit, ſed Hiſpanos, qui ſeditioſos, quod Gallis adeo infenſi eſſent, laudare non deſinebant, ad majora inter ipſos tentanda et ſperanda impulit. Tandem Arauſionenſis iter ad eos Sextili menſe inſtituit. Quo cognito, Imbiſius occaſione navium ſtationis inviſendae ac muniendae urbe diſcedit; ſed mox ab amicis revocatur, facta ſpe, ut nihil inclementius contra eum ab Arauſionenſi decerneretur. Ubi venit Arauſionenſis, magiſtratum vitio creatum abdicat, novumque inſtituit. De nobilibus captivis eo minus negotium fuit, quod plerique et in iis [b] Raſſingemus, Suevigemus et Erpeus Cortracenſis Junio menſe, jam carceris cuſtodibus corruptis, aufugerant. [c] Campaniacus ex fuga retractus fuerat, ſed Arauſionenſis adventu libertati reſtitutus fuit. Imbiſius, qui, ne rationum repetundarum poſtularetur, metueret, ad Joannem Caſimirum in Germaniam profugit cum Petro [d] Datheno, cui non minima pars pravorum conſiliorum imputabatur. Tunc et

tentatum

INTERPR. [a] *Rihove.* [b] *de Raſſinghem, le ſieur de Swevegem, & le bailli de Courtray* nommé *Erpé.* [c] *le ſieur de Champigny.* [d] *Dathenus.*

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conſulem adit, et rationem munitionis Meningenſis intercipiendae oſtendit. Homini ultione ardenti initio non habita fides: verum, inſtante eo, et re cum Matthia et Ordinibus communicata, negotium datur Buſſaulio, ut comparatis ſcalis ope Scotorum, qui haud longe hinc hoſpitium habebant, rem tentet. Condicta die in arcano Jacobus [a] Balfurius Scotorum praefectus cum Buſſaulio et Petro ac Jodoco ejus filiis ſummo mane ad locum in ampla via lapidibus ſtrata venit, quae [b] Roſelarium ducit, quo eadem hora IV Flandrorum cohortes [c] Curtraco navigiis vectae ſummo ſilentio convenerunt, et ad horae quartae matutinae pulſum unanimiter ſumma alacritate et vi moenia duobus locis invadunt, excubitoreſque inopinato caſu perculſos in fugam vertunt, et, nemine ex ſuis vulnerato, loco potiuntur. Praeda magna parta, quam Galli noſtri, qui ſuperiore anno ab Andino dimiſſi ad foederatos tranſierant, in eo praeſidio congeſſerant. Facilem confectu reddidit conatum contrarius ab hoſte ſuſceptus, quo factum, ut pauci praeſidiarii tunc Meningae remanſerint: ſiquidem [d] Erpei ſuaſu et [e] Alenii ductu, evocatis [f] Waſtenae, Warvecae, Cominii praeſidiis et ad ea junctis Meningenſibus, eodem tempore et hora Curtracum tentatum fuerat; cumque Alenius moenibus ſucceſſiſſet, et foſſae profunditatem contis exploraret, [g] Pottelſperghus Curtracenſis praetor, qui ex turri ſuperiore Meningenſis expeditionis eventum opperiebatur, ignarus tam prope hoſteis eſſe, excubitores alta voce, ecquid audiviſſent, interrogat: quam vocem, quaſi conſilia ſua detecta eſſent, interpretatus Alenius ad ſuos redit; et, dum cum iis deliberat, tubas, tympana et rumorem ad Meningam exaudit; quodque erat conjectans, antequam hoſtes, praedae, ut vero ſimile fiebat, intenti, ſe moviſſent, eo locum recuperaturus tendit. Verum aëris obſcuritate deceptus, cum equitatum ex tubarum ſonitu jam adveniſſe crederet, ab incepto deſtitit; et moerens irritum conatum Warvecam cum ſuis rediit. Id actum XI Kal. Nov. Nuncio captae Meningae allato, Arauſionenſis laetus ſucceſſui inſtandum cenſuit; moxque evocatis Willebroca, cui jam minus metuebat, Gallorum et Anglorum copiis, eas cum aliquot Flandrorum Meningam tendere et, Lanovio ductore, victoriam proſequi jubet. [α] Is ſub auroram Warvecam venit XVIII Kal. Decembres. Erant Belgarum duae omnino cohortes in templo, et totidem in ipſa arce in altera fluminis Liſae ripa, ad quam per pontem medium tuto milites commeabant. Templum primo a Gallis cinctum, ex ſuperioribus pagi aedibus ac templi feneſtris aliquandiu infeſtatis. Spe auxiliorum ad defenſionem ſe obſeſſi initio parabant: ſed, cum [h] Halewinenſes, qui ſubſidium ſociis mittebant, Meningenſibus in itinere occurrentibus, ſuos revocaſſent, re cognita, [i] Lanovius ſcalas admoveri jubet, vique facta templum expugnat eodem die hora pomeridiana quarta. XL in primo furoris fervore occiſi; CL capti, et in iis [k] Carondeletus Ecmundani legatus. Quo conſpecto, qui arcem tenebant, cum neque viribus ſuis nec auxiliis multum fiderent, ſub veſperam locum incenſum deſerunt, et Cominium ad ſuos ſe recipiunt. Inde Lanovius Liſam tranſmittit cum CCC equitibus et CCCC peditibus Gallis, et Halewinam verſus iter intendens in [l] Araſchotani et Lalanii equitum turmas incidit, aliaſque inſuper duas nuper conſcriptas; quas acriter invadit, et in fugam vertit, pleriſque occiſis, quod ex equitibus a [m] Setonio Scotorum duce et [n] Mornavio [o] Meningam perductis conſtitit. Quibus cognitis, Halewinae praeſidiarii protinus, domiciliis incenſis, fuga dilabuntur. Idem fecerunt, qui [p] Becelaram et Waſtenam tenebant. His expeditionibus tantos animos Gallis ſuis fecerat Lanovius, exemploque ſuo ad verum decus et militarem gloriam incenderat, ut, contempta praeda et ſtipendiis propriis,

VAR. LECT. [α] Is igitur, copiis inſtructus, ſub auroram *D.* f.

INTERPR. [a] *Balfour.* [b] *Rouſſelaer.* [c] *Courtray.* [d] *le ſieur d'Erpe.* [e] *le ſieur d'Alens.* [f] *Waeſtene, Wervijcke, & Comines.* [g] *Pottelsberg, grand bailli de Courtray.* [h] *ceux d'Halewin.* [i] *de la Nouë.* [k] *Carondelet.* [l] *du duc d'Arſchot, & du comte de Lallain.* [m] *Seaton.* [n] *Mornaw* ou *Mornow.* [o] *Menin.* [p] *Becelare.*

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CIↃIↃLXXIX. HENRICUS III.

vireis verteret, metuebat, facile conceſſum. Itaque his conditionibus fit deditio; ut obedientiam Groëningenſes Matthiae, Arauſionenſi, Ordinibus ac Rennebergio pa-rarent; praeſidium, ſi opus eſſet, admitterent; pacem religionis acciperent; diſſidia cum Omelandenſibus ac circumpoſito territorio arbitris ac diſceptatoribus amicis de-cidenda committerent. In id VI obſides arbitrio Rennebergii dati; qui fere ex iis delecti, qui Hiſpanorum partibus favere credebantur. Ita B. Joannis feſto die Renne-bergius, re confecta, Groëningam ingreditur. Paulo ante Drentenſes IV Rennebergii cohortes expulerant, vim et contumelias ab iis illatas cauſati. Igitur praeſes Kal. Quintil. cum aliquot copiis et III tormentis caſtrenſibus per [a] Drentam recta [b] Coë-vordam tendit; ubi fere magiſtratus ex Hiſpanorum fautoribus erant; qui adventu ejus territi aufugerunt. Oppidani mox in fidem ejus conceſſere. Solae [c] Oldenzela et Lingena ne quidem Groëningae exemplo ſapere potuerunt; ſed praeſidii onus de-precatae blandis utcunque ſermonibus ſe excuſaverunt. Cum minas intentaret praeſes, niſi parerent, nihil durius tamen in eas ſtatutum eſt: quod arcani foederis jam tum initi et defecturi ab Ordinibus Rennebergii pleriſque ſuſpicionem auxit. Coëvordam, quod iter ex Friſia et Omelandia in Germaniam facientibus opportunus locus vide-retur, et parum Oldenzelae et Lingenae fideret, ſibi cum primis muniendam duxit praeſes: idque negotii Cornupeto dedit; qui arcem cum quinque propugnaculis lori-ciſque ac profunda foſſa condendam delineavit: verum opus ob varias difficultates potius inchoatum quam perfectum. Urbem antea Theodorus [d] Sonoius munire coe-perat, ob loci opportunitatem, quippe quae in aliarum urbium quaſi umbilico poſita a Lingena V milliaribus, totidem ab Oldenzela, [e] Daventria IX, [f] Swolla V, [g] Steenvica VI, [h] Groëninga VII diſtet. De ea olim magnae controverſiae fuerant. Itaque ſaepe capta ac recepta, ſaepe diruta et inſtaurata eſt: demum hujus ſaeculi anno XXXVI Georgio Schenkio a praefecto [i] Silvagio Sicambro tradita, Philippi poſtea juſſu, quod [k] Lingam pro limite conſtituiſſet, ſolo aequata fuit. Rurſus a Sonoio proximo anno, uti dixi, muniri coepta, a [l] Bertelo Entenſio omiſſa munitione, arx fundamentis a Cornupeto jactis regia amplitudine ſuperaedificata eſt.

XXVII. NEC quietior fuit Tranſiſelana proxima, ruſticis ad deſperationem ob mi-litum paſſim ferro, rapinis et incendio graſſantium licentiam adactis. Praecipua vis a Germanis nuper in Brabantia dimiſſis facta, quibus praeerat regulus [m] Kurbachius, qui ob non ſoluta ſtipendia miris ac violentis exactionibus paſſim ſaeviebat, fortuito tandem caſu pulvere nitrato ignem concipiente abſumptus. Nec mitiores erga po-pulareis ſuos Entenſenii milites erant: contra quos arma capiunt ruſtici, eoſque et duas equitum turmas Coëvordam uſque inſecuti, impedimenta, equos et currus ul-tione ardentes diripiunt. Verum, incumbente poſtea Bertelo Entenſenio, ipſi vi-ciſſim in fugam verſi et magna clade affecti ſunt; Drentenſibus etiam ad ſolutionem XVIII florenorum CIↃ a praefecto imperatorum deploranda agrorum depopulatione adactis: quorum querelis aſſiduis victus Rennebergius poſtremo iis, jam tum, ut credi-tur, de defectione cogitans, poteſtatem fecit, militibus quibuſque, etiam ſuae legionis, niſi ſpecialia mandata, de quibus ruſticis conſtaret, ab eo haberent, manu armata re-ſiſtendi: nec tamen tot damnis affecti Friſii ea facultate uſi ſunt. Soli Tranſiſelani, quod ſe ſatis armis inſtructos crederent, defenſionem parant, factione, cui deſpera-torum nomen fecere, inſtituta, ſignis etiam impreſſa factionis ſuae nova ruſticiſque digna nec omnino abſurda teſſera: nam in iis gladius ſtrictus depictus erat, et media ovi teſta, vitello effuſo prope adjacente: quo ſignificabant extrema neceſſitate ad arma compulſos deveniſſe; quippe qui, quod ob ovum ipſum hactenus noluiſſent,

tandem

INTERPR. [a] *le Drenthe.* [b] *Coevorden.* [c] *Oldenzeel & Lingen.* [d] *Sonoy.* [e] *Deventer.* [f] *Swoll.* [g] *Steenwijck.* [h] *Groningue.* [i] *Solbach Gueldrois.* [k] *Lingen.* [l] *Bertel Entens.* [m] *le baron de Kurtzbach.*

G ') ' * ' ' (' F2=

\6.*40 -'1260 ". - 405+9*. 0,190 0*6+ 18+6,17 2, ,6 .2 6.+" 1" 0* 0/0 ""5" - " ;
:0 6 <*,3+0'6. - 0*'<+ 6. *',.+ .*.' +20 "0' * , .*60 ' - +8' 170*"1+8',1 - 08 ' 1* ' ' !'
4 6 1*08'*+"".8' .4 - 66,*6 2+8' + 6 , 8',+ - ' : - ' .47 20 0' :0""06 ' .' - .<1 0' *+ - 0 1', '
,+ - :,*6+8' 5, ,+"+ - ' : 6.0' .4 6' (04' - 1/' 20"" ' +40 8' .4' - 1*. 60 + - '#(1* 8'06'
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& ' '% ' ' ' ' 4 *08' 51 6' 6+ - ' 1"1* 0* 0 - ',1* :0*6+ - '+*4 3+0' .* '
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,.6 1*0 ' 5,,+* . + - ' ,1"".6 1*0 ' ,1*6 .4+' ,+ - ' *4 + - ' 4+,0' 06' 5 1: *, . + - ' .4'
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' 1 ,' .**1' ,1* :0*6+' +20,. - ' *4 41 ' 3+. - : 8' . ' 01' , : 6.6+ - ' 104 ?
.6. + - ' ,9.6' :,* 0*6' 40' 2 - . 6 - .0' 1, 06.6 8' 1040 0' 0*1:.*41' .4+ - ' 0 6' ' 06'
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,*.6+' . - 2+ 90* ' ,1*,, ".' 0/0+*60' <. - ' 40,0** 1' 0*1: . ' .,' 5 1 19. ' 5060 06
. - 2+ 90* 08' 0 - ' .4', : 6.6+ - ' ,1* :0*6+ - ' 0<0,0 .*6' *0' 3+. + - ' ,1* 0* + ' .": 8'
1, 06.6 8' <+ 2+8 ' * 7 "' 6.6+0 0' 51 %0*6' 9 6+ ' &.*4." ,.0' 4: 6.608' .4' " .2067. - '
, 2+*6 ' 06' .4' 1 - +". - ') "6 .@04 ' *60 ' 4: . 4+ - ' :' 06' 1, 06.6 8' , : 6.608' .**1'
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+.' : , " - ' ,1* - . ' 506+*6' 4' 7.,,' 09 * .' ' *09. 0' 0' 3+ 43+. - ' ,1*,0 + . - '
5 + 3+. - ' " 2, 6.60 - ' + 8' . - 2+ 9' - .*0*4 06' 5 : 09 .' 7+0' + 3+0' ,1*,0 ".' ,1* '
- .6.' *6,""0/0 6' ' 7.*,' 05+" . - ' .4' *<+ . - ' *9"1 + - ' 56 6 *0 0 ' 3+ ' , : 6.60'
,.' 0< , .*6+ ' ." 3+ 4' +.' ,+"5.' 0, 0' :+"91', 04.*6+ ' *0,0 "0' 0 6' 12' 3+. - ' *4 9* '
,1*,0 ".' 0 - 0'" 9 .6 .' : 40.*6+ ' 1,' 0 51* 1' 4.61 ' 40, 06+ - ' 5 1 - +"9.6' * ' ,1* +"
.,' 0*.6+8' 1, 06.6 8' 1*4 * ' * 6 6+6.0' .*60' 4 0 - ' : ,0 - + - ' 3+ *6+ - ' . 6 ' 41*0,'
09 * .0' ,.: 0.6' *9"18' * 6 61 08' . - 2+ 9' 06' *' ." 8' 1, 06.6 8' , : 6.6 2+8' 0.*40 - '
" 2, 6.60 - ' - .*0*4 ' .,' *0916 .*4 ' 7.2 6+ 18' 0"%0' 3+. - ' ." ' 1, 06.6 8' - 0 ,.61 ,8'
1*4 * ' 7.2,.*6' 01' 4 0' 0".5 1 ' 06 . - ' 1, 06.6 8' - 0 ,.61 2+8' " 2, 6.60 - ' 5 6 *.6*'
*' *9" .' .40 - 56+ - ' ' 01 3+0' 5. ' ,+ - ' 0" 3+ 8' 50 09 * 8' * ".61 2+8' ,1*4 6 1* a'
1 0' (+ 50* .' 40, 06' 0/0,+6 1' 19.*60' +20,0* ' 0*.6+' + 6"+0' .4S." ' . .8'
3+1' *' ,1* :0*6+' ,1* " 1' ,1 - - +* ,.60 ' 0 51* + ' 0 0*6' ,060 + - ' .' 09 * .' .44 '
6+ * ' *, - *0 - ' .4' "". + - ' * 0 , + - ' 0/51 6.6 1*0 - ' - 51 6.6 1*0 - :0' +"60 +8' .4'
- "" - ' ' * ' 5 .04 2+8' 4.6 8' ' - *+8' 41*00', : 6.608' 09 * .0' 0/' ,1* :0*6+' 0 51* '
4 0*6' *0,' 5 +8' :1"+*6.6' .6 8 0, 0*6' 0" 3++ - ' 4' 1 - *0' :0 6 9." 4050* + - ' '
3+14' *60 0.' - *+8' 3+. - ' .2' ." 8' 50 09 * 8' 50* 6.6+ - ' * :0* 06+ ' %.*40 - ' *' 71,'
,1* :0*6+ ' 51 6' 71*1 ,. - ' 5 .0 .6 1*0 - ' 40' ,+" - ' 12 0 : .*6 .' .,' ,1* <+*4 1* 8' ,+6*'
*9"1 + - ' 09*1' 40 40 1' 0 51*40*6' ' *1*' +.' 6.*6+ - ' +16+ - 3+0' , : + - ' 5 : .6.'
04' 5+2" ,.' : , *1 + - ' 1 - * + - ' *1*' 0 0*4.' . - 5" +8' <.4+ .' 5 . - ' .2+*40' 0/50 6. - '
0 , ' " 2, 6.60 - ' - .*0*4' *9" 8' +5 .' 40,0** + - ' .G . - ' ,6 .' 5"+ - 1 + - ' , : + -
4. - *+
% $ ' V+* ' " ' ' ' 5 .' ' Ń ' B ' ' Ů .' :
' !'

CIƆIƆLXXIX. HENRICUS III.

damnum, diſcordiam, aemulationem, ſociarumque civitatum querelas continuari non poſſe: proinde communibus votis orare majeſtatem ſuam aequo ac candido animo ferat, ſi intra antiquarum tranſactionum limites, quamdiu religioſe ſervatae ſunt, utriſque juxta honeſtarum ac ſalutarium, civitates manere cupiant, ac novarum rerum incommoda ac diſcrimina ſubterfugienda exiſtiment. Ea reſponſione quamquam legati ſe officio defunctos et reginae plane ſatisfactum putarent, tamen illa non ſolum non placata eſt, ſed retentis Hamburgenſium navibus poſtea ſe magnis difficultatibus ac controverſiis cum ſocietate implicuit. Actum et ibi de emporii [a] Bergenſis in Norvegia oneribus, et de ſede in Livonia reſtituenda; de tollendo item vectigali novo, quod irrecuperabili civitatum damno in [b] Helleſponto Danico exigebatur; ac poſtremo de collationibus pecuniarum. [c] Emdenſis quoque civitas, ſitu opportuna in [d] Caucis ad [e] Amaſi aeſtuarium ſita, per Onnonem [f] [1] Tibureum urbis ſenatorem in ſocietatem recipi poſtulavit. Is vero interrogatus, an plenam a ſenatu poteſtatem ſine ullo comitum ſuorum impedimento haberet, cum id gratum comitibus fore reſpondiſſet; viciſſim et legati reſponderunt, gratam ſibi et comitum ac civitatis voluntatem eſſe, quae ſocietati aggregari cupiat: verum, cum uſu receptum ſit, ne ulla civitas in foedus recipiatur, priuſquam ſenatus Lubecenſis et ſociarum civitatum auctoritas acceſſerit, de conditionibus quidem inpraeſentiarum agi placuit, ceterum rejecto negotio in tempus, quo legatis de comitum Emdenſium voluntate et Lubecenſium ac civitatum conſenſu conſtaret: ſed, cum ſequenti anno, ejectis Hamburgo Anglis, Emdenſes ab Eliſabetha ſolicitati ſedem in ſua civitate attribuiſſent, id ad injuriam revocantes ſocii gratiae quoque promiſſae ſpem praeciderunt. Eodem tempore Hamburgenſes, jam totum ſexennium regis Daniae mandatu a portubus Daniae, Norvegiae et Iſlandiae, maximo negotiantium civium damno, excluſi, [g] Flensbergum miſſis legatis cum rege tranſegerunt, interventu Auguſti Saxonis ſeptemviri et Ulrici [h] Megalopolenſis, his fere conditionibus; ut naveis eorum liberas dimitteret; novum vectigal ſali impoſitum deinceps remitteret; iiſque in gratiam acceptis libertatem commerciorum in ſuis provinciis, qualem a prima tranſactione anni CIƆIƆLXII habuerunt, reſtitueret. Quas conditiones illi in grati animi teſtimonium (hic color honeſtus quaeſitus) L Joachimicorum CIƆ in quinquennium dependendis redemerunt. De altera controverſia, quae ad liberam [i] Albis navigationem pertinet, ad conventum proximo anno [k] Kielae inſtituendum rejectum negotium; ad quem et ceteri Holſatiae principes pro jure quiſque ſuo convenirent; interim utraque pars jura ſua illibata citra violentiam aut maleficium in Albi retineret. Id actum Nonis Quintilibus. [α]

XXX. E BELGIO et Germania jam tandem in Britanniam deſcendamus, ubi regina inter graviores curas, a quibus nunquam ceſſabat, a Joanne [l] Simieo [m] Andini heri ſui juſſu de nuptiis ſolicitabatur, aſſidue ad ejus aureis excubante, non ſine aulicorum fremitu, qui tantam cum homine externo familiaritatem haud aequis oculis aſpiciebant. Acciditque, ut quidam e ſatellitio reginae in perniciem Simiei a [n] Leiceſtrio ſubornatus diceretur, quod edicto locum dedit, quo enixe jubebatur, ne quis dicto factove Simieum, ejus famulos aut comitatum laederet. Poſtea cum phaſelo per [o] Tameſim, cum Simieo, [p] Lincolniae comite, [q] Hattono, juxta [r] Greenwicum deveheretur, ſcloppeto a juvene inconſiderate diſploſo, et brachio remigis glande perſtricto, ſuſpicio aucta; ſtatimque juvenis ad patibulum ductus, cum nihil conſilio

factum

VAR. LECT. [α] *Quae ſequuntur 56 circiter lineae, uſque ad* Hibernia Graecis, *deſunt D.* f.

INTERPR. [a] *Berghen.* [b] *Deſtroit de Dannemarck*, al. *le Sund.* [c] *Emden.* [d] *Ooſt-Friſe.* [e] *Ems r.* [f] *Tibaren.* [g] *Flensburg.* [h] *le duc de Mecklenburg.* [i] *l'Elbe.* [k] *Kyel.* [l] *de Simié.* [m] *le duc d'Anjou.* [n] *le comte de Leiceſter.* [o] *la Thamiſe.* [p] *Lincoln.* [q] *le chevalier Chriſtophle Hatton.* [r] *Greenwich.*

NOT. [1] Tibarenum *Put.*

ˢ*　%　.　ˢ3　%*　(ˢ * ˢ.ˢ　ˢ*　%　ˢ0 6ˢ "　ˢ
ˢ*　ˢ*　ˢ*ˢ　ˢ(　(　ˢ　ˢ ˢ　ˢ ˢ　ˢ　ˢ　ˢˢ$ # ˢ .　ˢ ˢ
(ˢ ** *ˢ　*　%　ˢ ˢ　ˢ*　%(　ˢ ˢ　ˢ*　ˢ　ˢ　!

1/ˢ 06ˢ 5 0ˢ *4 *+8ˢ0.ˢ 4+, .ˢ5. :1ˢ.4 - 14+ -ˢ,1 - 6.6+ ˢ +6ˢ .ˢ *0 - *0ˢ ,19*1 ,0 ˢ ,6+ ˢ *ˢ *9" . - ˢ:0* 6ˢ06ˢ *ˢ. , .71ˢ." 3+16 08ˢ,+ - ˢ " .2067. ,1""1,+6+8 ˢ*+6.*60 66ˢ 51 " , - 1ˢ .4ˢ *+56 .8ˢ - 5+" 6ˢ 6.3+0ˢ 6.*40 - ˢ50 , 56.0ˢ .ˢ# 0, 1ˢ (+"%0/ 1ˢ 06ˢ , , , 6 1ˢ,+ - ˢ(- 01ˢ,1*4 6 1*08

ˢ !ˢ 3+ ˢ.2ˢ *4 *1ˢ." 0* ˢ0 .*6ˢ 0" 9 1ˢ1260*402.6+ ˢ3+. - ˢ*+56 8ˢ "" 8ˢ *ˢ50 ,+"+ - ˢ:1,. ˢ. 02.*6ˢ *0,ˢ - *+8ˢ(,16ˢ12ˢ0.*40 - ,.+ . - ˢ 2ˢ*.66+02.*6ˢ ."6, +8ˢ E."" ˢ *ˢ (,16 . - ˢ.4:0*6+ ˢ 3+0 *ˢ.ˢ$ 160 6.*6 + - ˢ414 9.ˢ." 0*+ - ˢ , 02.*6ˢ 51*6 , 8ˢ .,ˢ E+ .*1 + - ˢ * 6 9.6+ˢ01ˢ - + - ˢ " .2067.ˢ 5 .ˢ +"5 ,.2.6+ ˢ +6ˢ608 ˢ ," 9 1*0ˢ - +6.6.ˢ*1*ˢ 1"+ - ˢ *ˢ(,16 . ˢ 04ˢ,6 . - ˢ *ˢ *9" .ˢ*1:. 06ˢ 8ˢ + 6ˢ ˢ - .6 8ˢ (6+. 6+(<A1.** 8ˢ "2 * ˢ " +8ˢ06ˢ "2 * . ˢ3+ ˢ20""1ˢ 0.51" 6.*1 E. 1"1ˢ& " "ˢ6090?ˢ - .9*. - ˢ 1 6 6+4 * 8ˢ ".+40 - ˢ - 0 + 6ˢ .2*0518ˢ3+ ˢ .67. *. - ˢ ."".,. - ˢ *60 . - ˢ *.6 8ˢ: ˢ5 - . .0ˢ.5+4ˢ*18ˢ*12 " 6.6 8ˢ06ˢE+ .* 8ˢ.44 4 ˢ 1 1 0 - ˢ.*60ˢ141ˢ.**2 ˢ *ˢ +/1 , - ˢ4+/0 .6ˢ + - ˢ 0/ˢ5+0 ˢ12ˢ ,1* .*9+ * 6.6 8ˢ5 1/ - 6.60 - ˢ +.ˢ20*0:2 ˢ ,*6 .ˢ ,1 - 5"0/+8ˢ 15 - 8ˢ 5 .04 8ˢ 6.6 - ˢ41*.: 6ˢ 06ˢ .ˢ,1* " 8ˢ .47 2+ ˢ (,16 .03+0ˢ ,. - 0 . + - ˢ,6ˢ ˢ 6.**14+* ˢ3+.0ˢ - +* - .ˢ *ˢ 09*1ˢ. /ˢ0 6ˢ56.0 04+ - ˢ,1* 6 ˢ 6+ 6ˢ.,ˢ51 6 , - 1ˢ(0: * .0ˢ,1 - 60 - ˢ06ˢ - 1/ˢ4+,0 - ˢ, 0.: 6ˢ%16ˢ,+ - +".6 8ˢ71*1 2+8ˢ .,ˢ2,*, , 8ˢ0 ˢ,1* ".6.ˢ *: 4 .ˢ.5+4ˢ5 1,0 08ˢ 0/ˢ01ˢ.+4. ˢ3+14ˢ ""0ˢ 6.6 - ˢ 0ˢ"# 1 ˢ 61* ˢ .4:,6 . 8ˢ .55" ,+ 6ˢ 06ˢ40ˢ%71 - .ˢ S0 1ˢJ0 * 7+ 6 1ˢ3+ ˢ(,161 + - ˢ 09 *.0ˢ 5. 608ˢ,1* 6.*6 * 0ˢ 6+6.6+8ˢ +0 .6ˢ .2ˢ0/ " 1ˢ 0:1,.*41ˢ - 0*6 1*0 - ˢ *X046ˢ . ˢ ,1*6 .ˢ5+9*.2.6ˢ 1 61* +8ˢ3+ ˢ . - "61* 8ˢ5 1 " 9.6 8ˢ20*0ˢ 2ˢ40ˢ 090ˢ.,ˢ 09*1ˢ - , 6+8ˢ: 402.6+ ˢ 8ˢ . - "61* . - ˢ. ,0 - ˢ06ˢ ˢUˢ . .* + - ˢ4040*6 2+8ˢ3+ 2+ 4. - ˢ ,ˢ*12 " 6.60ˢ3+ ˢ0.8ˢ.4ˢ + ˢ40 0* 1*0 - ˢ60*02.*6ˢ*+50 ˢ 0,050 .6ˢ' 3+18ˢ06ˢ ˢ .:+ˢ ,6ˢ .667. , ˢ5 1 09 8ˢ ,.04 8ˢ 018ˢ 0*.6+8ˢ<+4 , 1ˢ50 090 .6ˢ :0 + - ˢ "" ˢ *ˢ *9" . - ˢ ,1* +9, +*6ˢ06ˢ.5+4ˢ 09 *. - ˢ,"0 - 0*6 - . - ˢ3+.0ˢ 7. + - ˢ 0 + - ˢ<+4 , + - ˢ 2ˢ 0ˢ 0 :.:0 .6ˢ6+6 6 - + - ˢ50 +9 + - ˢ7.2+0 +*6

ˢ ˢ ˢA ˢ.2ˢ 20 * , 8ˢ6+ 2 8ˢ01ˢ.**1ˢ - 06+8ˢ+2ˢA.,12+8ˢ? J 6_ - 1 +8ˢ 3+ ˢ 0ˢ +55" , , -]ˢ$0 1661ˢ 1 - 1* .0ˢ5 .0 4ˢ.*60ˢ2 0** + - ˢ 6 60 .6ˢ06ˢ 40 - ˢ12 0?ˢ 3+ + - 3+0ˢ 09 *.0ˢ6+ *ˢ5 1" /0ˢ406+"0 .6ˢ616. - ˢ * +". - ˢ5.0*0ˢ ,1* - 1: 6ˢ 8ˢ 40 .ˢ $0 1661ˢ4.6. - ˢ,+ - ˢ 6.6 - ˢ 6. - ˢ 0, 06ˢ *ˢE."" . - ˢ5 - +*6ˢ:0*0 .6ˢ 09ˢ.,ˢE+ B .* 8ˢ51"" , 6+8ˢ ˢ 5506 .0ˢ 0 0*6+ ˢ I0ˢ ˢ 20 * . - ˢ 0056 1ˢ J .*,1 E."" ,1ˢ .4ˢ <+*4+ + - ˢ,6ˢ 0" 9 1*, - ˢ 1 - .*. - ˢ *ˢ * +".ˢ * 6.+ .6+ + - ˢ:.* 6.60 - ˢ.ˢ*1 6 8ˢ . - ˢ 4, 4, ˢ,+ - ˢ41"0 06ˢ * 5.* . - ˢ6 .* 6ˢ+2ˢ - .<1 0ˢ, 04+" 6.60ˢ0/,056+806ˢ0/ 9+.ˢ ." 3+.ˢ5,,+* .ˢ 41*.6+8ˢ .4ˢ 51*6 ,0 - ˢ 0 - "+8ˢ 0 6ˢ 1 - .0ˢ , ˢ ˢ(. 40 + - ˢ06ˢ ".*+ - ˢ 20 *+ - ˢ5 082;60 18ˢ*.4+8ˢ3+14ˢ:1"+ 6ˢ ., "0ˢ - 506 .: 6ˢ *. - 06(.* ˢ 4, +8ˢ. ,.*.ˢ"09.6ˢ4 9* 6.60ˢ.+4+8ˢ< 06ˢ5 0ˢ,1* 0, .6+ - ˢ.ˢ51*6 ,0ˢ:0/ ""+ .ˢ,1* 0ˢ ,+6+8ˢ *40ˢ5 16 *+8ˢ *ˢ 5.* . - ˢ ,+ - ˢ)60 8ˢ,1 - - 0*4.6 6 8ˢ 0:2".6< 06ˢ : ˢ0 ˢ .*6.2 ,.ˢ ,9 1*0ˢ,171 6 2+8ˢ.ˢ$7 " 551ˢ.,,056 8ˢ,+ - ˢ 8ˢ, ,.S."ˢG+ *6 "ˢ *ˢ B 20 * . - ˢ.4ˢ . .0ˢ: ,+ - ˢ *ˢS0 .0ˢ50* * +".ˢ.55+" 6 ˢ06ˢ *ˢ 1,1ˢ 60ˢ.ˢ .,0 41ˢ 6 2+8ˢ,1* 0, .61ˢ - +* - 0*6+ - 0 0/ 6ˢ +24+4 8ˢ<+/6.ˢ*.; 2+8ˢ3+.8ˢ%71 - ˢ? 1+ 6ˢ *0 +8ˢ3+ ˢ2.+4ˢ 7 *,ˢ"1*9 ˢ 6.6 1*0 - ˢ7.202.6ˢ ,1* 0 6 - ˢ.99 0 +8ˢ,05 6 ˢ06ˢ,.56 8ˢ *.: 2+8ˢ J 6C - 1 - - ˢ - 4 8ˢ20*, , 1ˢ 0/,"+ 6ˢ 2ˢ 20 * .ˢ E .0, 8ˢ"0 *0ˢ 4 4.

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CIϽIϽLXXIX.
HENRICUS III.

Britanniae ad occaſum verſus ſeptentrionem oppoſita, [α] ccc milliaribus in longitudinem, CL in latitudinem porrigitur. Cum inteſtinis diſſenſionibus olim vexaretur, in Henrici II Anglorum regis, [a] Penbrochiae comite in ea bellum adminiſtrante, poteſtatem conceſſit anno Chriſti CIϽCLXXII, ut ſcribit Sylveſter Giraldus Cambrenſis, ipſius Henrici contemporaneus, et ab eo cum Joanne regis filio in Hiberniam miſſus. In praecipuas V provincias, et hae ſingulae in comitatus diſtinguuntur. Momonia ad meridiem ſita eſt, in qua [b] Deſmoniae comes a pontifice et Hiſpaniae rege ſtimulatus huic bello initium fecit. In ea [c] Caſſilienſis archiepiſcopus, et ſub eo [β] XII ſuffraganei. [d] [γ] Lagenia ad ortum [δ] VII comitatus ſub ſe continet; habetque [e] Dublinium metropolim, proregis, ſupremi ſenatus et archiepiſcopi ſedem. [f] Ultonia omnium ampliſſima ad ſeptentrionem, olim a ſilveſtribus tantum indigenis inhabitata, nunc coloniis Anglorum eo deductis ſenſim manſueſcit; ac ſub ſe X comitatus complectitur, archiepiſcopique ſedem [ε] [g] Armachae habet: in ea B. Patricii antrum diris et horrendis ſpectaculis famoſum. [ζ] [h] Connachtia ad occaſum: in ea metropolis [i] Tuama. [η] [k] Midia, quae et Media dicta, in medio ſita eſt: in ea Laberus antiquae memoriae, hodie Kil-lair, ut creditur, in ipſo inſulae umbilico, et [l] Trimma. Fama de pontificii ducis adventu, ſic enim ad ciendos plebis ruſticae animos jactabatur, per inſulam ſparſa, Joannes et Jacobus Deſmonii comitis, qui in occulto expeditioni favebat, fratres, cum parva Hibernorum manu ſtatim ſe [m] Fitz-moriſio adfini conjungunt: Deſmonius, qui initio diſſimulabat, ſuos convocat, quaſi obſtiturus: ubi vero [n] Clancariae comitem cum delectis copiis contra hoſteis venientem vidit, eum ſubdole mora injecta amolitus eſt. Prorex, ubi de re per nuncios comperit, ad Deſmonium et fratres ſcribit; iiſque per Henricum [o] Davillium imperat, ut munimentum a perduellibus in peninſula erectum conjunctis viribus e veſtigio adorirentur. Rurſus artificioſe mora a fratribus injecta. Diſcedentem Davillium ſubſequitur Joannes, et ad [p] Trallium oppidum nactus publico in hoſpitio cum Arturo [q] Cartero Momoniae [1] tribuno altum dormientem opprimit, ipſumque, fidem ejus implorantem, ac filium cum aetatis praerogativa, ſicuti inter commilitones aſſolet, fruſtra vocantem, multis vulneribus conficit. Totaque familia trucidata, ad Hiſpanos, qui cum Fitz-moriſio venerant, adhuc cruentus redit; et de re glorians, En meae, inquit, in vos et hanc cauſam fidei pignus. Sanderus, qui aderat, hoc ut ſuave coram Deo ſacrificium laudare viſus, cum Fitz-moriſius caedis rationem maxime improbaret, et rixa in via excitata quam in [2] tecto id factum mallet: Deſmonius vero frater toto animo deteſtatus eſt. Hiſpani, qui viderent triſtem ubique ſolitudinem, contra quam Hiberni ſacerdotes promiſerant, et amiſſis navibus nullibi mari effugium, terra omnia infeſta, ſe captos inclamare, fidem datam repoſcere, immanitatem inſulanorum, cujus in ſe ultionem metuebant, palam execrari: quos melius ſperare Fitz-moriſius, quantum in ſe erat, jubebat; factaque auxiliarium copiarum, quae brevi venturae erant, ſpe, voti, quod in Hiſpania fecerat, religione attineri ſe dixit, cujus ſolvendi cauſa iter ad

S. Crucem

VAR. LECT. [α] c miliaribus in longitudinem, hoc eſt a Randanicorum montium ora ad Columbae promontorium, L in latitudinem ab urbe Dublino ad D. Patricii colleis porrigitur. *D.* f.
[β] IX *D.* f.
[γ] Langenia *D.* f.
[δ] x comitatus *D.* f. VI comitatus *Ed. Gen.*
[ε] Armacanae *D.* f.
[ζ] Connactiae ad occaſum metropolis Teutmonia *D.* f.

[η] *Quae hic ſequitur de rebus Hibernicis per duas amplius paginas deducta narratio deeſt D.* f. *qui tantum habet haec verba.* In umbilico ſive Media Leberi ſive Cilari et Drogdae ſiti ſunt. Juxta Limricum exſcenſione facta, munitionem eo in loco excitari placuit, quae et ſitu firma et propugnaculis convenienter diſtincta brevi in eam altitudinem perducta eſt, ut contra magnas vireis defendi poſſet.

INTERPR. [a] *Pembroke.* [b] *Deſmond.* [c] *Caſhels.* [d] *Leimſter.* [e] *Dublin.* [f] *Ulſter.* [g] *Armagh.* [h] *Connaught.* [i] *Tuam.* [k] *Meath.* [l] *Trim.* [m] *Fitz-morris.* [n] *Clan-carty.* [o] *Davill.* [p] *Trally.* [q] *Carter, lieutenant du mareſchal de Munſter.*

NOT. [1] *Lege* protribuno. *C.* [2] lecto *Camd.*

?(' +,0 - ' % 551 . . ,' 0' + , 50 0' - +". : 6' , +6' + 6 ,18' 50 ' 1* . ,76 . - ' 06'
)"61* . - ' .4' ,4 6 1*0 - ' , 0 ,6' $. :1' ,1 - 6.6+' , - '50 '60 .8' E+" 0" - ' .' 91' . ' ,'
. * 8'3+'5 1 0' ,1*<+ .6 1*0' ,+ - ' ,1' +0 .6' 04'510* 60*6 .' +20+*60' .4' 12 03+ . - '
,4 , .6' * , ,4 , ,6' 4, , ,*6 2+8' <+ - 0*6 8' 12: 18' 03+18' .4' . .6 + - ' <+*418' 1": '
< 2,6< 3+14' + 6 .' - 504 0' ,1* .6' + 6 , ' ,". - 1 0' +2".61' : , * . - ' .4' +.' 0,+?
5, .*4.' ,1* : 1 , .*6' *60 '3+18' " ' E+" 0" - ' <+:0*08' .* - 1 '3+'71,' .4' *<+ . - '
+. - '50 6 *, 0'0/ 7 - .2.*6' +2 61' ,1* ,0* 8' 03+ 8' .4:1".*6' 06' 51 6' - +6+.8' +6 * '
3+,' , /5 12 .6 1* ,8' ,+ - '03+18' 0440 0' J 6C - 1 +8' 0,+ . 06' %7012."4+8' .6 - - '
- . / * +8' 7. 6.' ,1*61 6.' *' ,+ - ' + 6 ' 06' . , ,0* 1' ,0 6. - *0' %7012."4+8' 4+ - ' +*1' 0'
.6 2+8' . ,' *1**+"" 8' +1 + - '1 , ,+2+ 6' 5 0' J 6C - 1 +8' , .5 60' 9". *40'5"+ - 20.'
4 1 ' ,+ - '5"0 3+,' 0' + 8' , , , 4 6' , .4. :0 0' - 0 - 2 .6 - '4 041 ' , .5+6' . - 5+6.6+*'
5."1' .4' S " - ."1, '51 6.8' + 9 6+ ' +2 '5.+"1' .*60' 40 - ' *'60 - 5"1'6. *'4 8' ,+ - '12 '
6, 6.6 1* 2+8' $, 1661' 404, .6' " .2067.' 40' - 1 60' " 1 + - ' E+" ," - + - '50 ' "60 .8'
. - .*6 " - .8' ,1* 1".6.' 0+ - ' 2. 1* 8' ' . 6 1 1*0""'6 6+"1' 1 *. : 6' 06' .**+.'50 '
1*,' - +*, . : 6' 3+ ' 2.+4' 4 +' ,".4 ' +1 + - ' :0' 09 .0' 9 .6 .0' +50 + 6' *60 0.'
+ +8' 5 1 0/' .4' 'S " - ."1,+ - ' , . 6 .'5 1 - 1:0 .6' ' 3+1' 0 - 1* + - ' .47+,' *' - +'
".6 1*0' 5, , :, .*6, - ' .4' ,' , :1 , .6' 06' 40' . , ,056.' .4' , 20*4+ - ' - " 60 - '4 - 66 6
8' :061' *+ 3+. - ' 51 6, .' ,1 - 5. . : 6' 6.*6+ - ? " +8' +* ,+8' 06' 70 08' 12 4 8' "1,1' .2'
+/1 0' 4.6+8' A1.**08' 0<+8' .60 ' J 6C - 1 ' "1,1' 4+/' + 04+8' 5 - + - ' : 6+6 8' 50 '
,+"+ - ' 0, 6' ,1*6 .' ' 0 20 6+ - ' 06' $ + - ' *9"18 ' 3+18' * 4 80/ ,05618' ,0, 4 6'
5 0' "0: ,' : +"*+8' *' . , 0' . , ,05 6' $ 1 0/' .4 04.' : ."06+4 *0' ,+ - ' - " 60 - ' *1:1' 50 '
(' , :1* . - ' 4 ,", 4+' +55"0: %06' $, 1661' 0/' *9" .' ,+ - ' : ' *. : 2+8' .4' 1 . - ' - . '
6 - . - ' 6+,*4+ - ' .55+" 1' h .6, 1 4 . - ' 0/6 0 - .' *0,0 6.60' ,1 - 5+" +8' 4 :0 6 6k
,6' , / , , 6+ - ' , ' ' ."20 1' : ,60 .* .0' - " 6 .0' 4+, ' - 5 9 1' 6 .4 4 6' 5 + - 3+0
1 - 1* .0' 5 .0 04+ - ' ,1* 6 6+ 6' ."20 +8' .*60' 1 - * .' ,1 - 60 - ' 0 - 1* + - '
40' 3+1' .47+,' 4+2 6.2.6' 1 , ' .4 *1* 6+ - ' +6' .4' "0' :0* .6' <+206 ' ""1' - 50 + - '
4,6 ,4.*60' ' * 7 '" ,+*4.*4+ - ' . - 8' 50 '2' 1* "1*0 - ' ":0 6 0 - ' 09 +*,+". - ' ,1*6 .'
71" 08' 4+, 6' +2 ' <1.**0 - ' 0 - 1* + - '51*6 , 1' :0/ ""1' 0/5" , .61' *,040*60 - ' .9'
9 ,"%+8' ,1"".6 8' ,+ - ' 01' 9* 8' . , 60 ' ,1* " / 6' *9" 8' ,0 "0 0' .4' 0/6 0 - + - ' 20 * '
,6' 5.* ' 5 0' A1.**08' +9.' 0' 50 ,+"1' 0 5+ 6' 8' .4' 1, , 1*0 - ' 0" 4 8 ' *60 '
3+18' \' ".*+8' 5 082;60 ' 050 6+8' 3+ ' 5 1 - "%.' : 41 .' +18' .4' 5+9*. - ' 1 6 60 ' , .'
50 "0*4. - ' *, 6. :0 .6' $ 1/ - .' *140' 0 - 1* +8' ,1 - 08' *'5 15 *3+1' 0 '0:0*6+ - '
1550 0*8' *1*4+ - ' .* - 1' 1 - * *1' 0*+4.61' " 60 .8' .4' ."20 + - ' - 66 6' 3+ 2+8' 0'
40' +, , "%+' 9 .6+".2.6+ ' 06' +2 *40 ' +6' *40' , . 6 .' - 1:0 06' +2 - 1*02.6' 3+0 *' 0'
- "2' 6.6 - ' *+*, 1' ."20 +8' 40*+1' +6' .4' 0' :0* .6' 19.6' 06' : 08' ,1*<+*9.6' *. . '
,+ ' *40' 4 004.*6' , .+ . - ' 0' : 40 0' *+"". - ' G+.6 4++ - ' *' :0 6 9 1' - 1 .6+8' ,+ - '
,1 - 08' *1*' :0* ,6' .4] 0R0" + - ' 0 - 1* .0' 155 4+"+ - ' , . 6 .' - 1:0 ' %+ *' :061'
,1 - 08' - +".6 1*0 - ' .2 + - 5 6' 0<+"3+0' 40 04 1*0' .+4., 1 08' 71 608' 044 6' *9" , .'
, . 6 .' *140' <. - '5 1 +*4.' 155+9*.*6' 6+8' + 6' ,1*.6+8' 3+ 550' 156 - 0' - +* 6 8'
, . 6 8' ,61551 6+*+ - ' : + - ' +6' "1,+8' .4' 4 8<+*90*4.8' 71 6 + - ' : 0 8' 5 .0 4 1 '
- . 06+ ' *40' '."2, +8' .4' 2 8R0660*+ - ' *' +50' , . 6 + - '51 6+ - ' ,19*1 - *0' "+: 1'
, ,+ - + + - ' 4+, 6' 3+14' - .*+'. - .6.' .' ,1 - 60' 60*02.6+ '5 +8' - 1* 61' 01' +6' "0'
, 5 ,0 06' *, ,' . - " .0' 50 .*6 3+.0' 40,+8' .,' - .<1 + - '9"1 . - ' 020"" 1* 8' * . . .'
104. 06' .47+,' *6096.' ""' .5+4' ,"0 - 0*6 - . - ' 09 *. - ' ,1* 6. 0' 1 - * .' 3+.0'
5 1,+"' 4+2 1' 5 .0, 5+.' 6' 5 + - ' 2050 :1"0*6 .' ,1 - 5"0/+ .' ' 0/0 - 5"1' +1' .6 08' 06'
," 3+18' * +".*18' *' 1 , 1' ,1 6 *0.6' + - ' ."20 +8' - 1* 6 8' ,1 - 60 - ' + 906
,1 - 08

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E A ʿ ,1* 08ʿ.* . - -ʿ *ʿ5 151 61ʿ16 - .6ʿ 1 8ʿ5 1 09 8ʿ *6, :0* 6ʿ : ʿ 2,"" , 8ʿ0/50ʿ
' # ʿ") ʿ 4 6 * 2+8ʿ *ʿE . " . ʿ (,16 .ʿ06ʿ 20 * .ʿ, . ʿ013+0 - 1 6+1ʿ *60 - 1 6+ ʿ - .ʿ ."ʿ
20 ʿ *ʿ 1 *1* .ʿ .+41 6.8ʿ 06ʿ 5 0ʿ ,1*6 *+0ʿ *ʿ ? 1* * . ,76 . -ʿ5 1: *, . -ʿ 2ʿ
,1 - - ". -ʿ 0 ,0 " 6ʿ ,+<+8ʿ 4 00 "+ʿ 0 - 1* . * ʿ 5 6 *18ʿ .* - 18ʿ 0 + - +*6ʿ 06ʿA .B
,12+8ʿ 4. +* <+2 ʿE+"ʿ,ʿ(6. *"0 +8ʿ ,6ʿ E01 9 +8ʿ ʿ . 0Z +8ʿ 6.6 1*0 -ʿ 7.202.6ʿ ,1B
1* .ʿ, *9 6ʿ< 04ʿ, 02 8ʿ12 0 "2 + -ʿ0 +56 1* 2+8ʿ .6 9.6ʿ71 608ʿ51 6 ,* 1.2ʿ12""4 1*0ʿ
4 ,,< , +*6ʿ A*40ʿ5 .0" 4 . ʿ3+ ʿ . - 0ʿ5 0 - 02.*6+ ʿ" 20 0ʿ.4ʿ5 .04.8ʿ0 + ʿ., ʿ
60 3+0ʿ * 2ʿ,0 6.6+ - ʿ 5 1ʿA. ,121ʿ9 .: 60ʿ .+, .61ʿ *60 0.ʿ0 +2" * ʿ *60ʿ 09*ʿ
,1* " . 18ʿ40ʿ + - - .ʿ 06+ *ʿ ,1* +"6.6+ - ʿ 515+" 8ʿ : . ,+.ʿ 20""ʿ + - - 1ʿ 4+,0ʿ5 1ʿ
: *, . ʿ+2 3+0ʿ6+ - + 6+. *6 2+8ʿ 06ʿ 4+ -ʿ*1:+8ʿ5 1 0/ʿ .ʿ 09 * .ʿ - 660 06+ ʿ 5". , +6ʿ
61ʿ E+6ʿ ʿ $0"7. - +8ʿ 3+ ʿ<+ ʿ 4 ,+*41ʿ ,+ -ʿ + - - .ʿ .+41 6.60ʿ *ʿ +" .ʿ 5 ., , .6ʿ
"+ - - + -ʿ . - 1 - -ʿ - 50 + -ʿ7.20 06ʿ06ʿ8ʿ - 1*4 .0ʿ ,1 - 08ʿ 1* 1* .0ʿ5 .0 ,,ʿ
06+ ʿ ʿ 3+ ʿ 0 - 1* +ʿ " + -ʿ 12 40 -ʿ .ʿ + 1ʿ " 2ʿ 6 .4 6+ -ʿ +2" * ʿ 6.6 -ʿ +2ʿ
+ 614 .ʿ - " 6ʿ $0"7. - +8ʿ *1:1ʿ - 50 1ʿ.+4+8ʿ *ʿ 1 - 1* . -ʿ4+, 6ʿ06ʿ 0 - 1* +6*ʿ
50 ʿ" 60 .8ʿ . , ,0 " 6ʿ ʿ 3+ ʿ,+ -ʿ 0ʿ50 ʿ+/1 0 -ʿ0/,+ . 06ʿ - 1*4 +8ʿ .4ʿ 0+* ʿ - 66 6+ ʿ
.44 6 8ʿ ,1*4 6 1* 2+8ʿ + 6#(.*40 + -ʿ 20""ʿ *,0*61 0 -ʿ4040 06ʿ - " 60 -ʿ , /6 . * ,+ -ʿ
4 - 660 06ʿR . 91 J1 "+ -ʿ06ʿ 8R0660* + -ʿ. ,08ʿ$0"7. - 1ʿ6 .40 06ʿ *0ʿ ,1*4 6 170ʿ
ʿ +2 ,0 06ʿ +."3+0ʿ: 0 8ʿ ,1*6 .ʿ .6 08ʿ. , ," 3+18ʿ5, 41, "0 8ʿ :0 60 06ʿ 8ʿA09 2+8ʿ
5 .060 61 + -ʿ 9 .6 .ʿ5 1 - "%.ʿ ʿ 0,+ . 06ʿ 50 4+0"" 8ʿ5 1*+*, . ,6+ ʿ + - ʿ ""0ʿ
60 9 :0 ". ,6+ ʿ *0+*60ʿ 1: ʿ, - * 8ʿ71 0*4ʿ 0*60*6 .ʿ *ʿ0+ -ʿ 0 6+ 3+.ʿ5 14 61ʿ
06ʿ ".0 .0ʿ - .<0 6.6 8ʿ 0+8ʿ 40, . .6+ ʿ .44 6 8ʿ , .+ 8ʿ< 3+14ʿ 40ʿ 5.6 .ʿ155+9* .*4.ʿ ,+ -ʿ
0/60 * 8ʿ5 *, 5 2+8ʿ 09 "06ʿ (.*40 - - 6ʿ06ʿ $ 6C - 1 + -ʿ + 60*6. "06ʿ "5 .*18ʿ .4ʿ
6(. .0 - +* 6 0*6+ - 0/ ,05 "06ʿ 418 09 * .0 +24 618 + 50*4 1*0, . "06ʿ ,1*6 .ʿ
09 * . -ʿ55*6 , 8ʿ 1 - . * ʿ:0/ ""+ -ʿ0/6+" "06ʿ %+ *ʿ - 1*4 +8ʿ 20""+ -ʿ 50 03+ ʿ
+ " 8ʿ 3+ ʿ 1* "1*, -ʿ+* ,+ -ʿ 020"". *6 + -ʿ50 +9 + -ʿ *9 0 +8ʿ ,+* 6.ʿ"1*90ʿ". 60ʿ
3+0ʿ: . 6.6ʿ . - 0*6 8ʿ .2.4 8ʿ06ʿ5 .04.ʿ - " 6ʿ ,1*,0"%.ʿ *40ʿD f197." . -ʿ<. -ʿ . *60ʿ
.ʿ 0 - 1* 1ʿ4 056. -ʿ :0* 6ʿ065 .061 0 -ʿ"1, ʿ3+14ʿ *9"1 + -ʿ5 .0 4+ -ʿ.4 - 6ʿ
60 0ʿ 0,+ . 06ʿ5 1ʿ 1 2+8ʿ .4ʿ60 1 0 -ʿ + 50*4ʿ<+ 6ʿ . ,ʿ155 4+ -ʿ5 .0 4 1 - . : 6ʿ
%+ - .4 - 16.0. 6 .ʿ .4ʿU (6 .*9 , ."" . -ʿ 3+14.2 5. * 8ʿ60*02.6+ ʿ 3+ ʿ50 ,+"+ -ʿ
: 6.6+ ʿ,+ -ʿ 4 ".20 0*6+ ʿ .4ʿ +*+ -ʿ 1 - *08ʿ * 03+0*6 2+8ʿ *9" 8ʿ 1, , ʿ +*6ʿ 06ʿ F
20""08ʿ616.ʿ # 1* 1* .ʿ.6 1460 ʿ0/ .9 6.6
ʿ . ʿ01ʿ . **1ʿ *ʿ 20 * .ʿ .46.ʿ 3+ ʿ+"6 - +8ʿ + 6ʿ , ʿ . ,1*1ʿ*6.9*1ʿ
69 ""ʿ,+ 614 ʿ40ʿ 3+1ʿ<. -ʿ - +"616 08ʿ "1, +6ʿ + - +8ʿ : 1ʿ" *9+". ʿ5 +40*6 .ʿ +* - .ʿ
0"33+, *6 .ʿ<+4 , 1ʿ. ,0 - 5ʿ,6ʿ60* . ,ʿ - 0 - 1 .ʿ5 .04 61ʿ3+ ʿ , ,+*4 - ʿ 0, " + - ʿ
."60 + -ʿ 09 ʿ,2*, " ʿ,5"+ - 0*ʿ" .202.6+ ʿ + ,ʿ *ʿ - +*0 0ʿ, . * ,0"". ʿ6 6+"4ʿ +, ,0* ʿ
6+ .6+8ʿ%71 - .8ʿ 1 - "0 *8ʿ ʿ(+ " +" 6ʿ06ʿ7 0ʿ. **+8ʿ(6. * ". + -ʿ ʿ 1 + -ʿ? . ,1: .ʿ
* .6+ -ʿ e+ ʿ$.6.: ;40 *ʿZ 1*1* .0ʿ+2 ʿ" 60 80140 -ʿ60 - 51 0ʿ150 . -ʿ4.2.*6ʿ "0 /B
.*40 ʿ$. - 0 61 E7 1571 +8 .4 66, +8ʿ06ʿ 671% +,70 +8ʿ!1 - *08ʿ7ʿ *ʿ,1""09 + -ʿ
, . 4 * ." + .ʿ51 60.ʿ,1156.6 @ʿ< 5 .40*6 .0ʿ *4+ 6 . -ʿ5 - 1ʿ .44 /0 .6ʿ ,6ʿ ". + 0. - ʿ
+2ʿ 5 1ʿ +91*0ʿ 1*,1 - 5.96 1ʿ 3+ ʿ . *4 .0ʿ 04ʿE 091 ʿ / ʿ*1 - *0ʿ 40 ʿ5 .0ʿ
+ 6ʿ51 6 0 - 1ʿ.4056+8ʿ0 6ʿ *40ʿ41 - + - ʿ 0:0 +8ʿ - ./ - 8ʿ"09.6 1* 2+8ʿ .4ʿ . 1"+ -ʿ: ʿ
%0 4 * .*4+ -ʿ,6ʿ 7 " 55+ -ʿ . 1"0ʿ " + - ʿ (9 - +*4ʿ +9+ 6ʿ*1 - *0ʿ - .9* .ʿ 40ʿʿ
.ʿ5 +40*6 .0ʿ". +40ʿ40 * 6+ ʿ .2ʿ013+0ʿ h . * 0* 8ʿ05 015+8ʿ, 0. - 8ʿ0 6ʿ <+ 4, -ʿ
150 .ʿ12ʿ . .*ʿ0 +4 6 1*0 -ʿ06ʿ%701"19 , . + -ʿ 0 + -ʿ 0 0*6 . -ʿ$ +8ʿ :ʿ+6ʿ:1"+ 6ʿ *ʿʿ
;ʿ*14ʿ% 40*6 * .0ʿ*091 1ʿ<ʿ,+ʿ06ʿ51 60.ʿ,+ -ʿ." D5 .0 + 6ʿ - "2ʿ01ʿ.4ʿJ0 4 * .*4+ -
ʿ ʿ .0 . ,67ʿ

& ʿ % ʿ #A19." . -ʿ . ʿ %19." . -ʿ ʿ + - "0 +8ʿ ʿ 4
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- ʿ 5U $ 2 # ! $ $2] $ A28 ! $ 2; / " ʿ # 24 " ! $
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' ' ')' *' 0 qip

.0 . , - '06 ./ - " .*+ - ' 170 - .0 090 - '12 436<0 ,. 4 *."0 - ', 0.: 6 ,+ .',.*'
40 - '4 9* 6.60 - '.*60. ' $.+"1 :'4, 0 0*60' . .'71,'.0:1 - 140 6 .'0* /0 405 0,.6+8 ' # '
0 ",6' - ' ' .% (' # ' . ' ' # %
.' * % 3+1'12'* - 18 + 2 8 ' * ! 1* '(0/6"' *' 01'1241 - : 6
: '5 +8'5.6 .0 . - .*8'06 *'. - , 6 8,1"0*4 8 1 , 1 +8' 1 5+8 1 - . - '6 .* ".6+ -
.4 (' . .0'6 .*8% 20 - ' 050" 6+ ' %71 - .8,'% 06, +8 515+". 8 *' - 1 6+ '".+408
1 .6 1*0 - ' 5+2" ,0 7.2+ 6' (0,+*4+ - '0+ - ',1 - - 0 - 1 .*4 ' :0* +*6 4+1'41 6 *.
5 .0 6.*608 : ' A1.**08 . 6+*9+8 "60*2+ 9 '.4 .0*+ - ' *' J .*,1* .'*.6+8
3+ ' , 40"20 9.0 5 - + - ' 40 *' ' J 2+ 9 ' 91 .0 ' "60 .8 7+ - .* 1 08 E .0,.8
- .9*.',+ - '".+40 5 1 ,"%+8 '06 . - ' 0 56 8 , / ,1"+ 6 '06 . - +8 ; ."4+8 ' * $.**1
* .' +50 1 0 ' 3+.0 714 0 + 6 .' 0 6 '1 6+8 '3+ '5 - + - ' *' 5.6 .' 4, *' (*91" 6.4
5 .0 ' . 6"0.0 .,' 0 - *9.0 .,'51 6 0 - 1' J 2+ 9 ' 6 40 - '5 1 4%.8 0 6 ' .670 - .6 '
,. + - '. 6 + - ' 3+.8 06 0 56 8 ""+ 6 .: ' 06 5. 60 '" *9+.0 . . .0 0 0*6 . ' ,/0 - 5"1
(02. 6 .*' +* 60 '5 .0,0561 8 + ' ,". +8 ' +6 . - , 6 .'.,'41 - , " '0<+ 40 - ' .6 1*0 '
,'06 60 - 51 0 - 1 6 8 ,+ - . 6+*91',1*<+*4 - +8 '013+0 0560** 1' - *1 '40,0 6
$.+"1'51 6A1.**08 (6.4 +8 *6+0 5 .*+8 '+6 13+0 <+* 1 ' 3+ 550 .**18 6.*6+ - ' '
.6+8 ' +6,6 .,'$. 1 + - '.6+ .0 402 6+ - '5, 1": 6 5 4 'S." 0, ' - .670 - .6 ,. + - '
. 6 + - ' 0 0*6 .' ,+ - ' 5 - 8 ,". +8 ' 06 * 9* ' 0570 - 0 4+ - '.2 .**1' ' .4
.**+ - ', 1 1 , : ' + - - .' 4 " 90*6 .' 5+6.6. + - ' 150 0 6161' 1 20 ,0"020 - +8 ' 8
5 .1 1: .* ' 5 1 0 +8 ' 51 60. ' ,+ - ' .5+4 *18 ' 5 1 - +"9.6.'5 1 0 1*0 . - .0. '
5", 3+,'5 .0 - 1'71*1 ,1'.4 5+",70 - . - ',1*,0 6.6 1*0 - ' *: 6.6 '0 "0*6 '06 5 0
+606 . - ' :0* 6 ' 06 0.' . ,6.60,+ - ' <+* 1 2+8 0 06 *' 5 - 8 ,+ - ' .+ 6 1' 0 1
E .6 .*151" 6.*1' *' 5+":0 0 - ' 7+*,' 40 00*40 0 - * - 0 4+2 6.: 6< 06 ' <+4 ,0 06
.+41 0 J .*, 01' 'J1/ 1' .*4."". ' ""+ 6 " - 1'" - +"'.,'414 " - 1': 1 '3+ '.4 1* '
60 +, .6 '2 .20 1' ,+ - ' .4:0 . 1' + - - .'.* - ' .03+ 6.60 5. 6 6+8 0 6 ' 04 *1* '
* 7 "4,'6.*6.'".+40 40" 2.: 6 '3+14 '4+ - '5 1,0 2+8 *1 6 8 *' .+". '6. *' : 8 3+. .'
20 - * 8 ' .2 01* . ' *,0 6.' .63+0 .401' +6+ 1 + - '0:0*6.',+ 1 +8 - .*6 2+8 ' * - 8
,' - 1 90 + - ' 5 .0206 ' .' 04.' .,' ,0 6 " - .' 0 0*6 . + - ' 3+.8 5 1 602.6+ ' : .' 40 '
"040 0 3+14 . - - 141' : +8 0 6 ' 06 - .670 - .6 ,1 + - ' +6 1 - ' .0 . + - '60 - 51 2+8 '
1 - 0' 14 1 + - ' - +" .,'4060 6.*4+ - ' 044 4 6 ' 8 .44. - ' +41: ,+ - ' R 09 3 - '
1* 6.*6 0* , - '3+ '+6 .3+0" *9+.'414 - +8 ',+ - ' .4 0.8 06 . - '4 0 5" *. + - '1 - *0
90*+8 .4<+*/ 06 '5.6 .0 " *9+.0 1 *.*4.0 06 0/,1"0*4.,'.* - + - ' .55" ,+ 6 '06 $".61 '
0 - ' .,' 6160"0 - ' " 2 8 ,1 - 5"+ 2+8 01 + - ' 6 ."".6 8 E."" ,0 "13+ ' 41,+ 6 ' ,1 - '
- ,*6. 3+0 0 +4 6 "" - 8 0/5" , .: 6 ' .,'51 6 0 - 1 ' 4+ - '*.0*60 .': " + - ' 0 - - ',19 '
6.6 1* 2+8 .24+4. 0 - ' 41 - 0 6 , . - '*09" 9 6 3+ ' *0 - *0 - '616.': 6.' +50 1 0 - ' 0 0
516+0 .6 '<. - ' 0*0/ ' ." ,*.'3+.4 .'& :0 0 ,1.4+8 ' "+4+1 .'3+ 40 - ' 0 5+2" ,.0 " 60 '
. .0 ',060 + - ' - * - 0 5 ' - 51 6+*.' - 1 60 0 056+8 0 6 ' *' 6." .'5.+"1' .*60 :'S."
G+ *6 "'A1 ' .56 6.' .4 .* +8 '5.6 6 .'90*60 *.6+8 'J"1 0*6 .0 12 6 ' .4 ('J .*, 0 '
0/6 .' - + 18 05+"6+8 ' ,+ - '.**18 / : - '0/5"0: " 068 : ')60 8 09 09 0 0/,+"6+8 ' 3+ '
J 'E+ ,, . 4 * ' 51 6 .*6 3+08 70 - * ' - 01'<+4 , 1'51 67.20*4 '7 61 . - '.,,+ .6.'
4 " 90*6 .'5, 0,+6+8 0 6 ' 71,'0 6 ' .2 .**1'7+<+8 .0,+"' / / / : ' 08 *' 6." .'90 6.8 0/'
,1 - - 0*6. 8 5"0 + - 3+0 ' +6 .55. 06 ' 1 - ' - .9* ' 6 + .0 4+,(' *90*6 8 .* - '.,'
5 1 +*4.0 5 +4,*6 .,'5 *, 5 8 '"+,+"0*61'150 0 0/5" , . : 6 '0/'3+1' - +"6.' - 0 + - 5 "0
.63+0 .401'5"+ .'3+.* '0/'3+1: 8 ." 1' *'71,'15+8 6 .* 6+" " 0 *90*+0 5 1 600 '< * '
,1 +56+ - '3+ 550 <+4 , + - ' *' 8 '3+.0 50 504.'7.2+ 6 '06 40 - ',+ - ',.*41 0 .,' * '
,0 6.60 .* - ' + - - .',1*<+*4. - ' *'71,' 0 561 0 405 070*4 0 - 7 ' : +8 ' +6 - 0 '
0+ - ' - *1 0 *60 ' 6."18 '3+. - '5. ' 6 ' *'5 06 1'7.20

& ' ' ' '% '# "44<+ 9 ' *' J .*,1* .' ' '4 ' D 6+.6 ,+8 ' '4
% N ' ' V ' L'+ ' 6 ' ' ' ' ' ' '
?> ' '% ' ?B ' W- '5 . '% ' 8 ' ' V% && $ ' ,
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G 5' ' ' ' '

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' ' ' *60 '$1"1*18'06' 1 ,18'710'.**1' * 6 + -' ,"+* ' ' " 6 "
3+1' (6057.*+8' :1* . -'<+ 8'$1"1* , ' .*60.'0 J0 6.*"' . '9 '
04' *40'.' (+0, 8' *40'.' 1 , 8' - ' 0 0'".,0 .,.* ' . 0 + '
06' - 50 1' - .: 6' 8' -+". ,' 09+ '$1"1* , '9+20 *. '
,+".' + ,05R ' - 1 0' *60 '5 *, 508' 01,561'.4' 0908'.,': '
, *18'5 *, 508'"60 .8'4040 .6'3+ 2+8' 09*+ -' 2 40".6+ -'
+. - 3+0'0 9.' ""18' 0*0:1"0*6 . -'.,'5., 8' 6+4 + -'40," '
.2.6' ' 06' *' 5 - 8'.4'A1.**0 -' ."6" ' " -' - .9*+ -'
1 ,1 + .'4+,0 -' - 0 .6' (6057.*+ -'#E +40 ,0* , + -'
$1"1*+ -'06' 01*,*' ' +,1: 0, + -' 67+.*+ -',+ -'"60 8'3+ 2+8'0140 - '3+1069.'
." 18'5 *, 508' 7 6 .*18'.* - 1' 0'. J0 6+ -' 9* ,.2.6'< 06' '3+.0' *60 ' 5 + -'06'
$1"1* .0' 09*+ -'.' - .<1 2+8' +6 + 3+0'6 .* - ".0',1*6 1:0 .0' 760 ,04, 0*6' 4,'
8'+6',/' .03+1'.,'21*1'6 .* 90 06+ '50602.6' 4'3+.0' 1 ,+8' 45 *4 6' ' 06 '.+4 '
: %06' ./ - ".*+ -' .0 . 0 -' *' 09, -'0"04"+ - ' 3+1' - *+8'6. - ,*',+ -' 5 1' 1" 6.'
. - , 6 .0'<+ .',1 0*6' *1*' 0,+ . 0' R.3+0'5".,0 0' +6' - .<1 + -' - 1 0 09.6' - 660 '
,*6+ ' ' *60 -'.2' *<+ .'.,' - ."0 , 1' +6 *3+0'.2 6 *0 06+ ' G+1' , 51* 1'.,'
,0561 '(6057.*+8'+6' 2': 402.6+ '6+6+8'.4' FE04.*0* + -' - 16+8'40'3+ 2+8'4 / - +8'
,1 - 51*0*418'6161'.* - 1'5 150*402.6' 12' 43+0',1*:0*6+ -' %71 +*. -' *4 /0 .6'
'3+1'0/' 0.6+8'.+41 6.60'40, 06.' .4' 1",+ -'"09.6 1' &0 + -' 1 ,+8'0/'1,. ?
1*0' .*6 ,.* ' - 16+8'"09.6 8' *1*'0/ 504.6 8' .+6',1*60 - 56 8' .9*+ -' 1" .6 .0'
4+,0 -' *' :1* . -',+ -'0/0 , 6+' - 66 6' . -.'%5. . +6' ' :1* ' 0'0 +"6 1'4040 '
0*6' .4',/0 - 5"+ -' 1 + " .0'4+0"8'20*0 , . 1'<+ 0' :1* . -' 090*4. - 0'6 .40 ,6' '
+6' .+41 6.8' 06' .4 - * 6 .6 1'1 - * + -'50*08' .9*+ - ' *1 - 0*'06' - .<0 6.8' - 50 '
50*08' 1 0+ -' 0 06' G+.' 0' 0 04+ - ' +6' 515+".608' :0'0/60 *.0' 41 - *.6 1* 8'
6.04 1' :0' 0<+ 40 -' " *9+.0'.,'*.6 1* 8' - .9 " .6+8'40 40 1' - 50""0*6 2+8'." 3+16'
,'*12 " 6.60 ' 5 .0 4 .' 0 0' 0/'1 - * 2+8' 155 4 8' 06'. , 2+8' 0<0,0 *6< 0 6U h 0*4. - '
2' 6+ *' .9*+8'0 .6' 0',1*6+"0 *6' *1 - 0*' "" ' 6R+"1"3+0' 06' * 9* .' 09 .' .66 '
2+0*608' 06' ., . - 0*61' *'0<+8' :0 2.' 40 -' 12" 9.*608' .9*+8' 8' 09+ -' .* .0'
.*9+ *,' 5 19*.6+8', + -' ' + 1* .0' 06').0' 05 015.6+ -' *' :1* .'60*0 ,6' *'
.41", ,,*6 .0',."1 0'5 1 - 8' 1 0 '.44+4+8' .4' 0<+8' 5. 608' 6 .* R' ' .'3+1'06' * '
4 ,.0'5.6 +," 8 '3+0 *' ""0',+ -'1 - * ' - . ,+".'5 1"0' 12' + 5 , 1*08'40' - 04 1' + 6+ '
, .6' " . -' *' +/1 0 -'.,,05 6' %+*,':061 ' 4+ -' (6057.*+8' .4' E04.*' 12 4 1*0 -'
7., 0 06' .4' 8' 9. -' 12 40*4. -' - "%+8' 61',1*.6+' *40' 4 ,0" 6' 51 60.' ,+ -'
5", .,3+,' + 208' ,'+"6 1' .9*1'404 4 0*6' 0."3+0' ""0'5 15 1'*1 - *0' *' 40 -'.4'
,9"&,6' *4 9*.6+8' 1 ,+8',+ -' 5160*60' 0/0 , 6+' :1* . -' *6 .6' : . -' "" ' .9*1'
5.6, ., ,*6,'.,,056 3+0'404 6 1*0'?# . 0*7.+ 1' 1 60* 1 +4 0* 1 +*02+ 91
S1R0*7.+ 1' 070 16+ -' + 3+0' *0' - ."0 , 1'50*,6 .6' +6' * 6 1' 06+ *' 90 0*4.'
+ - ',"0 - ,*6 .0' . - . -',1"" 90 06' 070 16+ -' - .9*+8' +6 + 3+0' 0/+8' .,',1*4 '
6 1* 8' 71 - *+ - ' *' 5 - 8' - .6 1*. + -' .,': 9 *+ - ' *+ - 0 +8' ,1* "+/0 .6' 3+1 '
516 6+8' 1 ,+8'1 - * 2+8' 3+ '. - .' 0 0'51 0*6'6 +, 4.6 8' - 20""0 - '"0/+ - %.6. 8'
5 1 - 0+0',1*""+5 .*4+ -' 12<0, 6' *40' 0/0 ,R+8' h 0*4. -' 5 19 04 6+ '+2',+ -'
155 4.*'.4' 6.*6.0' - - .* 6.6 8' . - . -'60 R '51 6.8' ,".+ "0*6' .9*+8' 405 0,.61,'
5 1' 8' 09 0 "+8'0 '4'90* 2+8' +55"0/'.4:1"+6+8'5 1'9 .6 .',1*: , + - '06 . -':0 20 0'
*'18'.2' 5 1'5 *, 50' *90 61'0/,05 6' G+.' 0',19* 6.'155 4.*',+ -'* 7 " *' .9*1
5 .0 4

% $ 'D, . $ ' % U .#' ? # . ' ' ' ' .'R ' / U '
4' $ '0 $ 2 !/ 0 ## ! 6 ! 8 ! 'a 3 !/ 3 ':/# < $
%'1' ' ' (' GF

ˢ 5 .0 4 ˢ *+) . -ˢ9 .6 .0ˢ *ˢ 1 ,1ˢ 50 -ˢ : 40 0*6ˢ 40 50 .6 1*0ˢ .4 .4ˢ 5+":0 0 -ˢ 61 ˢ
ˢ ˢ - 0*6. +-ˢ +*4. - 0*6 8ˢ +24+*6ˢ< 3+1ˢ +, ,0* 1ˢ - .9*.ˢ+ 2 8 5. 8ˢ 0:, .ˢ 06ˢ ,+ -ˢ 0.ˢ
:1* , .0ˢ *12 " 6.6 8ˢ "18ˢ .2 + - 56+8ˢ 0 6ˢ + * 8 h 0*4 .0ˢ 1 ,+8ˢ 516 6+8ˢ # + - 2+ ˢ
9+ - ˢ 3+14 h 0*4 .,ˢ - - *06ˢ 6.6 -ˢ 404 6 1*0ˢ , .5 6ˢ 6.ˢ +6ˢ 9.ˢ 06ˢ 2 0: ." .ˢ 5.+ ˢ
, 3+0ˢ , , .ˢ 0.8ˢ , . 60"" 8ˢ 0/ ,056 8ˢ 616 +8ˢ :1* .0ˢ ,1 - 518ˢ , 06ˢ . -ˢ - 1/ˢ 51 6ˢ 0* ˢ
, ˢ4 ,0 "+ -ˢ $. *1: . - ˢ40 *ˢ ˢh . 0* 60 * + -ˢ - +* 6 - + -ˢ, . 60) + -ˢ40ˢ (+0, 8ˢ
. : . -ˢ 06ˢ - +"61ˢ .*60ˢ <1 5 .6+ - ˢ J0" *+ - ˢ . 02+ 9+ -ˢ 40ˢ 05 ,151ˢ %1 5 . ˢ
60* ˢ 06ˢ)ˢ . .* 8ˢ 03+ 6 2+8ˢ 0,050 . ˢ /ˢ 01ˢ ,1*6 1:0 . + -ˢ *60ˢ 4+18ˢ 5160* ˢ
6 " - 18ˢ 5 *, 508ˢ 06ˢ 20"" ˢ1 91ˢ * .6.ˢ ˢ3+14ˢ ." 3+. *41ˢ 50ˢ *4+, .8ˢ 51 6+ - ˢ40 *ˢ: . .ˢ
1 6+*.ˢ *ˢ :1* .ˢ 06ˢ 67+. * .ˢ 90 6+ .ˢ *ˢ 7+*,ˢ +"3+0ˢ 090 -ˢ 6 .* 6* "+ -ˢ + 6

ˢ ˢ+ ˢ 1 ,+8ˢ .4ˢ 6 .ˢ 04 0 .6ˢ .24+41ˢ 0, + -ˢ "0/ .*4 1ˢ $1"+20* , 1ˢ
ˢ 714R0: , ˢ "09.61ˢ ." "3+0$1"1* 8ˢ :1* .0ˢ 5 .0 04 8ˢ 0/ˢ 6 *0 0ˢ 4.6 8ˢ .4ˢ (6,57. ˢ
+ -ˢ) 60 8ˢ 3+ 2+8ˢ +5, 20ˢ 0ˢ 5 .0 , 202.6ˢ +6ˢ .ˢ :1 .ˢ .2 6 *0 06ˢ 60 8ˢ .4ˢ .2ˢ
+ 4. -ˢ : . * 6.60 -ˢ .44 6+ - ˢ - .<1 08ˢ +18ˢ .4ˢ $ + "+ -ˢ 3+0*4. -ˢ 4. : ˢ . ,". 8ˢ .ˢ
6 0 -ˢ 90*+8ˢ 0 0 0ˢ 3+ ˢ 1*6 8 09)ˢ 06ˢ . 02+ 9ˢ 3+1*4. -ˢ 06ˢ *ˢ 0" 3+.ˢ 1 +"% .ˢ
".60ˢ - 50 6. ,6ˢ . ,ˢ 5 1 *40ˢ - 50 ˢ + ˢ<+ .ˢ .4ˢ $ + .0ˢ + 3+0ˢ *0 8ˢ 0/60*402.6ˢ 8ˢ
*1: 8ˢ *<+ 8ˢ .4ˢ :060 08ˢ . , ,040*6 2+8ˢ .ˢ (6057.*1ˢ "09.6 8ˢ - .*4.6+ - ˢ3+ ˢ *60 0.ˢ 60ˢ
++ -ˢ 50 03+02.*6+ ˢ +6ˢ 40ˢ 4. - *1ˢ *4+, . + -ˢ 1 60*6.6 1*0ˢ .41ˢ .6 8 0 ˢ 51 6+ ˢ
". 0*6ˢ " +8ˢ 06ˢ 0140 -ˢ 60 - 51 0ˢ 1 - . -ˢ $.+"+8ˢ (. 1*8R1: +8ˢ 3+ˢ 40ˢ 1 , ˢ
.*90*4.ˢ 5160*6 .ˢ , + -ˢ 51*6 ,0ˢ .90 06ˢ 06ˢ *ˢ .**+ -ˢ 03+0*6, - *4 4. h . . : .* ˢ
,1 - 6 . ˢ 0,0561ˢ *60 0.ˢ +*02+ 91ˢ .ˢ 1 " 1ˢ V (. : .ˢ 06ˢ h ""0" - 1ˢ V $".60 1ˢ 3+ ˢ
1 ,18ˢ - ".ˢ 1 , ˢ . ,ˢ ,1 - 6.6 8ˢ 50, 0ˢ . - 571 .ˢ: *ˢ, 0 - .6 ˢ , + -ˢ 0/ˢ 015 .0 64 . 18ˢ
.4ˢ 02 06.60 - 0ˢ 2 2 6+ 18ˢ 3+14ˢ 0:0* 6ˢ ,1*<04. 0*6ˢ *14+ˢ *9 0 ˢ "1,1ˢ 505+"0 + 6ˢ
.56.ˢ 06ˢ h 0*4.ˢ .ˢ .667 . 0 - 2 * 1ˢ 06ˢ A1ˢ + *9 1ˢ , + -ˢ .2 , +<+ 4. -ˢ - ˢ
4+ 6 .ˢ ,06.ˢ ,". : 2+8ˢ 155 4ˢ - 5 0 . .4ˢ 0. + -ˢ 0/0 - 5"+ -ˢ ." .8ˢ 5. . : 06ˢ + -ˢ ,1 ˢ
. 6 .ˢ h . . : .0ˢ .90 0*6+ ˢ *0+*60ˢ .**1ˢ 5 1/ - 1ˢ 40ˢ 1: 8ˢ 0+ˢ 1 . , 8ˢ 50ˢ *, + ˢ
61*08ˢ 5, .ˢ 1 ; 670* ˢ , , + - 51 6.ˢ * 0 6.*6 2+8ˢ ."".6.0ˢ 0 02 .0ˢ 3+0 0".0ˢ .9 8ˢ
5+5+9 6ˢ 09 8ˢ .* . + -ˢ A1.** 8 $14 R1+.090*0 0ˢ h .". ,7 ˢ 0+ -ˢ 6. - 0*ˢ $1"1*+ - ˢ
. , 6ˢ A1ˢ 0+*,". : +8ˢ 60 - 0 . .ˢ .+4. , .ˢ 3+ˢ 12 ,+ 1ˢ ." 13+ˢ "1,1ˢ *.6+8ˢ 1". 121 8ˢ
- .ˢ *1 - 0*ˢ 3+.0 :0 .6ˢ 3+14ˢ 0 0.8ˢ 03+1 + -ˢ 1"0.8ˢ 4 + - 50 0ˢ 4 ,0 06+ ˢ 8ˢ + ˢ
- " + - - .*+ˢ ,1*6 .4.ˢ *ˢ h .". ,7 . -ˢ 40 , ,*4 6ˢ 06ˢ $06 + -ˢ &. :14. - (6057.* ˢ
1040 .6+ -ˢ * 7 "ˢ 6."0ˢ 0/504.*60 -ˢ 1, ,+5.6ˢ 06ˢ 5 +"3+. -ˢ .4ˢ 40 0* 1*0 -ˢ 5. . 0ˢ ˢ
51 06ˢ - 50 1ˢ 0/+ 6ˢ . *ˢ *<+ . -ˢ , + -ˢ .4ˢ .* - + -ˢ 0:1, . ,6ˢ *1:+8ˢ 0/ˢ ,1*6 ˢ
7+1ˢ E7 61571 + -ˢ .6 0 -ˢ % .*" ": .* .0ˢ 5 *, 5, -ˢ .4ˢ 150 -ˢ $06 1ˢ 0 0*4. -ˢ 50ˢ
" 60 .8ˢ 5" , 6.6ˢ 0,ˢ 09* 60ˢ 08ˢ 90 6.ˢ . - ˢ ,1* "+0*6 2+8ˢ +*4 3+0ˢ .+/ " . 2+8ˢ
$14 R1+.ˢ Vˢ - 1+. -ˢ $1"1* .0ˢ 555 4+ -ˢ 0, 50 0ˢ 0ˢ ,1.4+8ˢ 51 6 0 - 1ˢ *ˢ ,
(0* . : /S.* 0*, ,0* 8ˢ 5 .0 04ˢ 3+ * 6 - .0ˢ *ˢ + .ˢ 7 " 6 .0ˢ 5 .00 .6ˢ 5 1ˢ
* ".ˢ *,1"+ - 6.60ˢ - .*+8ˢ :0* 6ˢ .2ˢ 013+0ˢ .4ˢ 090 -ˢ - 6) 8ˢ 0 6ˢ 6 6ˢ +6ˢ - 1/ˢ 4 Wˢ
,0 - +8ˢ 0/ 6+

ˈ ˢ #ˢ ,1 - 6 8ˢ 0/ˢ 69 "".6 -ˢ 40ˢ 1 , ˢ06ˢ %.6. ˢ3+ˢ 51 6ˢ 0* , ˢ4 ,0 "+ -ˢ 60 - B
51 0ˢ *60 09* %ˢ &1"7 * . -ˢ * 0 6 8ˢ 0/,+ 1* 2+8ˢ : . 6. :0 .*6ˢ *<+ 8ˢ .4ˢ 4 *08ˢ
L6+" 6ˢ 20""+ - 3+0ˢ , + -ˢ 7 8ˢ .*ˢ , + -ˢ +6 1ˢ 71 + -ˢ :0" *6ˢ 19.6ˢ + -ˢ 1 ,1ˢ 20""+ - ˢ
, 6+ -ˢ ˈ , + -ˢ %.6. 5ˢ .4ˢ 5 .0 0*8ˢ 4 ".6+ - ˢ . -ˢ 3+0 *ˢ 0/ˢ 71 6,ˢ *150ˢ 06ˢ : .91ˢ +4+ - ˢ
50 . ˢ51 "0ˢ ˢ 516 +8ˢ 01ˢ 20""1ˢ . - .ˢ %+ , , .ˢ 5 1:1, . ˢ3+ ˢ 2" ˢ *ˢ 3+1ˢ *" 60 0*6 ˢ
5 18ˢ 4+, . 18ˢ 51 "0 "2 ,8ˢ 0 "0ˢ 4 ,0 06ˢ /ˢ 1 ,1ˢ 3+1ˢ - .<1 ˢ0ˢ <+8ˢ 5160*6 .0ˢ . - .ˢ
01ˢ - .<1 0 -ˢ 9 5 . -ˢ *ˢ 5 .0 0*8ˢ *1* .0*A*ˢ +6+ + -ˢ 5. . ˢ + 2 2+8ˢ . ,ˢ 15 2 8
"1 0*6 - . -

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ˈ ˢ ˢ $ˢ .ˈ 6 $ˢ &) ˢ (ˢ ˢ4 $ ˢ ˈ U #ˢ ˢ 3ˢ N $,
ˢ ˢ4 ˢ + $ U$ ˢ + 6 ˢ ˢ ˢ ˢ $ ˢ ˢ% ˢ ˢ ˢ ! ˢ ˢ4 ˈ
ˢ5 U U ˢ 4B 6ˢ + U$ˢ ˢN ˢ 0ˢ $ˈ

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2,""+ - ' - " 60 ' 3+. *61' *' - " 60 - ' 6 50*4 1'15+8' 0 06' 4 5 0, 0*6 ' %+ - '6 2+6) -'
*' "*9+". ' <+90 . ' ,6' ,0 : . - ' - 51 6+ - ' - .< 8' 3+. - ' . *607. ,' +""+8' - , - * 06< *'
3+14' 6. - ,*' 1 - *08' ,1* 0* 0 + *6 ' 5 .060,' . ,2: 0* 0 - ' (. *45 - 0* 0* ' 06' (. '
4 , * , - ' 40"09.608 ' 3+14' *+"". '7+<+8' 6 2+6 ' 0 00*4 ' - .6"4.6. ' . ' 8' 2.20 0' 4 ,0 0*6 '
0' <+4 , 8' 06' . 6+ - ' 3+1 + - ' 7 0' 1" - ' 1 42' 0 .6< +6' <+4 , 8/ *+* , 5." 2+8' .4 ,1* '
:0*6+8' $.". 6 * .6++ - ' .4' 3+18' 3+143+0' - +* 0 5 + - ' 50 6 *0 06N 06' *40' .4' 090 - ' *'
,1 - 6 8' 5 1:1, .6 1' 0 "06 ' (04 ' 0+ - ' (9 " - +*4+8' +9+ 66 8' 12' *,1 - - 14. - ' : ."0 '
6+4 *0 - ' 5. + - ' *' <+ 0' 4 ,0*41' . 4++8' 0 "06 ' +6' 0/' 1' *+ - , 1' ,1+ 6 6+, 0' 2 ' <+ '
4 ,08' " ,0 06 ' *12 " 6.8' 506 0 .6' < 3+14' 6. - 0*' .2' 0E% - 506 . 0' *1*' 516+0 .6 ' (04 ' 2 '
,+61' - 1/ ' *60 09*1 ' 5 + 3+. - ' 0* ,+ - ' *' 090 - ' 0" 9, 06 *60 ' ." .8' 7. *03+13+0'
40' 6 . * ". 6 1*0' <+4 , 1 + - ' ,1*4 6 1*0 - ' 0 '6+"0 .6' < 3+0' .0,050 .6 ' 0/ ' 9 6+ ' 3661
- .9*. - ' 0/' 01' , + - ' 50 6+ 2.6 1*0 - ' . * - .4:0 60 06' *' , .+". ' - * - 0' +6 . ' 5 1'
0' * .6. '156 - + - ' .6+8 ' ' .4' + *. - 1 - +". - ' 1 - * . ' 0:1, . 06 ' g+6* - 160 - 5, . - 076 '
. * / 6 ' +6' *1*' 50 ' *9+"18' $.". 6 * .6+8' <+4 , . ' 7.20 0*6. ' 04' *' "*9+ 8' $.". 6 * .6 2+8'
- .<1 2+8' 2 * ' - *1 2+8' *9+" 6. - ' 0/' 0* .6+' 3+. - ' 0/' 0" 3+. ' *12 " 6.60' 3+16. *7 8'
40", " ' 5 - + - ' . ' G! . 6 * ' 0 61' .4' $.", 7. ' $1 1* .0' - .<16 8' *12 " 6.6 U$06 01: .0 '
- *1 8 40 *40' . ' $. 07.618' ,0"02 6.60' + <+0' .4' 66 0 "0 - ' +2" * ' <+8' 4 00 , *6' ' "03+0'
5 :.6. + - ' , .+ . + - ' <+4 , . ' 50*08' *12 " 6.60 - ' 4, 00580 0*6 ' 5+2" , . ' . , ' <+ 8' 09 '
0 3+0' *' ,1 ' 3+1' . *60. ' 6.6+' +0 . *6 ' 50*08' 090 - ' - . *0 0*6? (+50 0 .6' ,0 6. - 0*'
*60 ' 1 4 *, - ' ., + - ' . , ' , : "0 - ' , + - ' 7 0' 0140 - ' 3+1 0" 3+. *' *12 " 6.60 - ' 0,0", '
". 6 ,18' <+ 0' +6 ' : 0""06 ' "" ' <+4 , .7.00' *12 " 6.6 8' 3+.0' , + - ' 4 :0 .0' 0" 9 1* 8' 71 '
* * 2+8' ,1 - - + * , . ' *60"" 902. *6 ' - +"6 8' *1 7 * 2+8' "50 6. ' 2 ' 12" 9. 3+0' " 8'
1""0' ,1 - . 0*6 ' %. *40 - ' 0/' A1 ' (. c. - 1 ,+' 0*60*6 . 08' 6. ' ,1 - 51 "6. ' ' + '
3+16 08' 0, ,"0 . 6 , . ' 08' *' <+4 , + - ' :4* 06' .4' 0/' *12 " 6.60 ' 616 40 - ' 0' 0 1' 1
4 *0 ' 3+ ' 5. ' . + 61 6.60' 40 0. ' ,19*1 ,0 W*6 ' .4<+*90 W*6+ ' ' 3+1 + - ' (' 5. 08' 0* '
60*6 . , ' 0/6 6 "0*6 ' .4' 090 - ' *' ,1 - 6 8' . - 5" . 06+ ' G+ 2.8' 01* 6 6+6 8 ' *00' 5 +8 '
*12 " 6.8' *' 6 2+6+ - ' - 51" 6+ - ' ,1* 0*" 6 ' *60 0. '"09.6 ' . ' (6057. *1' - " ' *' 1 , '
: . - ' 50 :0*0 . *6 ' 3+ . ' 1 ,1' *90* 1' 50 ' 0' 0 1, ' 06' " , (2+8' +50 2 0*60' - '
4 9* " - 0' 7.2 6 ' +*6 ' + - 3+0' 0/' * 6 6+61' +6 7"3+0' 90*6 8' ". +6 . ' "09.6 8' 5 .02, 0'
1" 6. ' 7 *6 ' 0 - 0 0' .4' : 4+ - ' *0,0 ". . ' *0, ' - 1 8' " 6 ' *0, ' (' :0 *6 ' *' 1",1: . ' 51 " *6 '
1' * ' : " " - . ' 0 ,+"0*6. ' 8' .551* ' - . 4.2.6 ' %. *40 - ' , + - ' 40' *4+, 8' 6 0* '
*." 2+8' *' ,1""13+ 1' ,1* :0* "06 ' 06 . - ' 0. ' *' 0' .+40' + +/' 0 6' . - ' * 6 - - 0*6+ - '
0. ' 4, ' , ' ,1* 04+ - ' ?3+14' "09.6 ' 12 9*. 0' 40202. *6 ' *0' +) . ' 1*4 6 1*0' 50 0 2 '
<+ " 6 ' %+ - ' ." +4' 3+14' "09.6 8' 6 .4 6+ +8' 0 .6' 2' 9 ""1' +1 ' +2< , 6 ' ,1*4 6 1* 2+('
7 00' *' ,1' .4<04 8 ' +6' - :0 "R' :1* .+ *. ' , + - ' 9. ' . ' E+ ". *4 . ' 3+.0' - * - 0' *'
5160 6.60' 1 0 0 . *6 ' 06' 3+ 43+ 4' .4' *0 8' + 3+0 + .0' 50 *0 ,6 ' 0/' " 2 ' , , '
4, ,6 ' :1* + - ' * +""+ - ' 150 - ' . , ' 5 .0 4 + - ' " .+ - ' - 5"1 . *60 - ' *+) . - 3+0' , : 6.60 - '
<+: . ,6' .+6' , , 50 06 ' 1, ' :0 1 ' , + - ' 0/' - 1 0' 5". 6. ' <+ 0<+ . *41' 01* - . 0' 4020 06<
1"+ - ' 5 1 0 6 ' ""1' . - 161 ' *' 3+14' "09.6 ' 5 +8' <+ . :0 . *6 ' *' 43+0' 0' . , . - 0 61'
2 6 *9 6 ' .63+0' 6. ' "09.608' *1*' . - 5" +8' .4' ,1""13+ + - ' .4 - " ' ,1* - 66 0" 1 0' 4$'
- 66 6 ' 140 - ' 60 - 51 0' .4' h 0*4. - ' 155+9*. *4. - ' *1: .8' ,15 .8' - 66 6' ' 04' 7 61'
+, ,0"%+ ' 3+ 550' .+/ " 1' +50 :0* 0*60' .667 . ' ,50 - 2 * 1' ' 3+ ' , + - ' * 6 1' + 8' 50 '
+.40 0' *1*' 51 06' +6' + 20 - ' *9 040 0*6+ ' 6. *40 - ' +6' 5 15 +8' . "60 - ' 0,+7 ' . , ,0P '
4, 0*6 ' ' 1 60' 0/,+2 .8' 06' , . 6 . ' 71 6 + - ' 6+ 2. , ' 51 0*6 ' - 506 . : 6 ' 023+0' . 6+'
+ +8 ' , + - ' ,18' "0*6 ' .9 - *0' +2' 51 6 8' + 2 8' 6 6 "06 ' <. - ' ""+,0 , , .60' 4 0 ' , + - ' .2'
71 6, ' : 40 ' ,105 "0*6 ' 1 60*4 6' . , "0' . ' 6. *6. ' - +"6 6+4 *0' , , + - :0* ' 51 "0 ' 6.3+0'
*+"". - ' . " . - ' . "+6 8' : . - ' +50 0 "0 ' 3+. - ' 6' "1 , + - ' 79 0 " : 66+60' 4. ' + 20 - ' 1*6 .

ˈ71 60 - ˈ 06 + 20 0 6+0 0*6+ ˈ .56+ *ˈ0/ˈ*0,0 6.60 ,17 + - ˈ / 20 - 3+0 *9 , " ˈ
ˈ ˈ 0. *ˈ +2 6. .1ˈ150 0 - +* +*6ˈ06 1 ,+9 ˈ<. - ˈ:0 0 .55060*60 .2 0<+8 12 4 1*,ˈ4 ",0 ˈ
40 0 ,19+*6ˈ , ,ˈ *+"61ˈ51 6 .9*+8 8ˈ3+.84 / ˈ *<+ 8 ." 0*.6+8ˈ063+14ˈ *ˈ
4 , 1ˈ 0 4: "06ˈ 1 ,+ - ˈ40 5 1ˈ21* 8 1 - * 2+8 0/+61ˈ *ˈN (,;67 . - ˈ4051 6.*41ˈ,1B
9 6.60ˈ .2 ˈ40 , 0*4ˈ,1* " + - ˈ,05 6 ˈ 5.+".6 - 3+0 0 5160 6.60 1 , ˈ 0 +24+,0*8
" 0 - 5 ." .* ˈ06 9. - ˈ. ,ˈ *0<8 09 08 5 15 +8 . , ,0 6ˈ06 50 ˈ + 7*4 .0 4+,0 - ˈ40
:1"+*6.60 +.ˈ 090 - ˈ,0 6 1 0 - ˈ . , ˈ "+8 01ˈ,1* 0 6 - ˈ , ˈ .40: "" +8 $.".6 **8
& "*0* 8ˈ3+ ˈ3+14ˈ *ˈ 0 5 .0 0*6ˈ0 ,5+2" , .ˈ0 "06,+ - ˈ50 50/ "06ˈ,+ - ˈ01ˈ,1* ˈ
6 6+0 ,6ˈ - *ˈ "Rˈ *ˈ + ".*4 . - ˈ:0* 06ˈ .40: "" +8 0+ - ˈ,+ - ˈ1 - * 2+8 4 6 1* 2+8
09 1ˈ*1 - *0 0,05 6ˈ06 *ˈ 09 8 :0 2.ˈ . , . - 0*61ˈ.409 6ˈ G+ 2+8 ,1* 0 6 8ˈ (60 ˈ
57.*+8 E01 9 +*ˈ . .2+ 4. - ˈ.4 1 ,+ - ˈ - 66 6ˈ3+ˈ*1*ˈ." 60 ˈ 0 *4+, 8 8 60*0 ˈ
:0""0 0*+*, . 06ˈ3+. - ˈ ˈ40 :1* .ˈ,1*4 6 1*0 - ˈ3+.0 *0,ˈ.ˈ"09.6 8 . , ,056.ˈ0 06ˈ
0 - 660 06ˈ 060*61ˈ . .2+ 4.ˈ 1 0+8 "09.608 .4 090 - ˈ - 66 6ˈ06 5.4.ˈ *4+, . + - ˈ
,+ - ˈ,1*4 6 1*0 ,1* - . ˈ506 6ˈ *60 - ˈ - 1ˈ .4 ˈ h 0*4. - ˈ155+9*.*4. - ˈ:." ˈ
4 1 0 3+. - ˈ.*60.ˈ0/0 , 6+

& ˈ h . .: .ˈ4 9 0 +8ˈ ,+ - ˈ0 0151" - ˈ6, 40 06ˈ *ˈ 6 *0 0ˈ +6 . ,1 ˈ
: 0* 08 06 (.*41 - 0* 08 06 (.4 0* 08 *ˈ6 2+6+ - ˈ,1* 0*6 0*6ˈ3+14ˈ*1*ˈ 0,0 .*6ˈ
7.2 6 8 ,1*:0*6 2+8 0 0, 6ˈ) 2 ˈ 0151" - ˈ:0* 6ˈ3 1ˈ,6 +*.ˈ - + .67 8 ˈ=.+ + - ˈ
0,+ - ˈ.44+/0 .6ˈ%.6. ˈ"09.608 .+4 ; 6< 06 .* , 6 . - ˈ5.,0 - 3+0 40 - ˈA09 2+8ˈ3+ B
2+8 - .<1 08 +ˈ0. *ˈ,1"+ 0*6ˈ 0 12 0 :.6+ + - ˈ41*.6 :.3+0 "" 8 5 .0 ". ˈ 2" 6.ˈ4. ˈ
6+ + - ˈ :0 21ˈ 0 51*4 6ˈ .+6+ - ˈ06 40 8 2: 1 + - ˈ0/,+ 1* 618ˈ "ˈ90*+8 71 ˈ
- *+ - +*6ˈ3+ˈ.4 ˈ * 0 1 0 - ˈ ˈ 1 ; 0* 8 5. 60 - ˈ.4 3+. * :0 . + - ˈ90*6 + - ˈ
,1* * .ˈ50 6 *0*6ˈ.4 5 .04.8 ,1* "++*6ˈ 6.ˈ+6 61 - 8 "Rˈ6 .4+8 *,+"6+8 06 12ˈ".6 1 ˈ
, * .ˈ40 06+8 <. ,0.6ˈ /ˈ." 8 90*6 2+8ˈ6+ *ˈ06 . - ˈ$1"1* 8 06 67+.* 8 ,1* 6.6ˈ" 6ˈ
3+ 3+0 0 6 090*6 - +8 .+6 0 + - ˈ, .5 6." + - ˈ4. - *.6+8ˈ .+6 ˈ3+18 5 1 + - ˈ 1 6+*.ˈ
.+6 15 - 1 ˈ." +*40 508 *ˈ5.6 .ˈ0 0 *1*ˈ *6ˈ 6.3+0 .ˈ616 .0,+" 8 *60ˈ616 *. ˈ
ˈ6 1*+ - ˈ2.+4 .6 8 ,1*,1 40 - ˈ,1""+: 0 - ˈ3+. - : 8 .** 60*6 2+8 : , * 8 5 *, 5 2+8ˈ
5./ˈ,1* 6, 0 *+*3+. - ˈ5 6+ 6ˈ 051 00*60 6+*,ˈ12ˈ *<+ .8 "".6.8 %+ , 61ˈ"09.61ˈ
$141R1+. - ˈ3+0 *ˈ - 141ˈ.4 090 - ˈ - "+ - ˈ4 / - +8ˈ."60 , .6+ - ˈ + 6 *ˈ 0*.6+ˈ,+ - ˈ
5"+ 08 ,0* 0 0*6ˈ*03+.3+. - ˈ71 * *0 - ˈ 7 6 .*+ - ˈ 6 0*++ - ˈ4+,0 - ˈ06 121 0 .4 ˈ
- .2)ˈ5 .0 6.*60 - ˈ2. 2. 1ˈ,0 6. - ˈ .4 *0,0 - ˈ5 140*4+ - ˈ=.+ 13+0 3+. - ˈ,1 - ˈ
- 14 - 8 .6 1* 2+8 0 ˈ51 %06 0 51*40*4* - ˈˈ1 - *ˈ40* 3+0 - 141ˈ,1* +R*4+ - ˈ
* 0 ˈ ."+6 ˈ3+ˈ ."; ˈ,1 - - 0.6+8 09 ˈ 40 06+8 h . 1: . - ˈ:0* 0 *1*ˈ4+2 6. 06ˈ
1*6 .ˈ 0/ ˈ +2 40 3+ 40 - ˈ5+2" , .ˈ$141R1+. - ˈ. ,0 6+ - ˈ .60 ˈˈ 04 ." 60 ˈ0. *ˈ
4.6. - ˈ*1*ˈ *60"" 9 ˈ* ˈ3+.60*+8 + 6. - ˈ, .+ . - ˈ +. - ˈ5 12. 0 51 06ˈ*+*,ˈ,+ - ˈ.5 ˈ
5. 0.6 0+ - ˈ,1*6 .ˈ 1040 8 "0908 0, 0ˈ3+14ˈ *4 9* " - 0 - + .6708 0 .6ˈ *1*ˈ
4020 0 104 .9+ - ˈ06 5+2" , .0 5., 8 : 1".61 0 - ˈ .": ˈ ,1 - - 0.6+8 20*0 , 1ˈ + ˈ
G+ 2+8 .6 1* 2+8 0/ˈ *4+ 6+8ˈ3+ˈ20""1ˈ 1 ,1: 6 ,1ˈ - 5" , 6+8 *1*ˈ6.*6ˈ : 6. - ˈ
J141R1+.0 .0 6 - . 06ˈ +6 5 1560 0.ˈ*1: .8 * - , 6 .8 ,+ - ˈ5160*6 " - 1ˈ71 60 2 ˈ
60* 0 0 ,+ - +".*4.8 ,0* 0 06ˈ$141R1+. - ˈ * 504.*60 =.+ 1ˈ , .5 60 5R 6ˈ<+ " 6
ˈG+.0 4+ - ˈ 0 0*6ˈ .2 R/.*4 1$141R1+.0 .6 0ˈ3+0 - ˈ 1 . , 2ˈ4+,0 - ˈ,1* 6 ˈ
6+0 .*6ˈ + +8 $06 +8 09*1ˈ0/. 6+8 +0 .6ˈ06 6.6 - ˈ.ˈ%+ , 8 04+4+8ˈ, .561ˈ 5 1ˈ
ˈ "0/.*4 0ˈ3. ˈ06 5."1ˈ + /+8 0 6ˈ 1 . , 8ˈ3+ˈ, .5ˈ516+0 +*6ˈ.4 0 - + - ˈ.44 4 8ˈ
("0,ˈ5 1560 0.ˈ$06 +8ˈ71 - 1ˈR,1 8 06 9*. :+8ˈ 09*+ - ˈ616 ,8 0, 50 .6+ - ˈ 0 :. ,ˈ
516+ 6ˈ :0" 12 4 01ˈ *4 9*+8 7.2 6+8ˈ3+14ˈ616 08 ""+4 . - "06ˈ 6.3+0 6.*40 - ˈ51 6
0,70 - 06 8 5+ 5+ .61 + - ˈ5 *, 5 8 - 1 60 7 .2 ,7 - 060ˈ3+ˈ 0,7 - 06ˈ *ˈ5 ˈ
- . .ˈ4 9* 6.60 +, ,0 " 6 ˈ 5 *, 5.6+ 51" .6+8 0 6ˈ ˈA.*,1".ˈ3+14. - ˈ0 (./1* 2+8
% .* ":.* 8 1 +*41ˈ 04 3+ˈ*1*ˈ - 141ˈ h .". ,7 , . - ˈ*.6 1*, - ˈ :0 + - ˈ06 . - ˈ90*+8
5 *, 5+ -

% $ ˈV 5 ˈ " ˈ I 0 6 , ˈ ; # ! # ! 2$ " $ 2# ! !
/ 2 / a$ 2)2a ˈ%: ˈ ˈˈ ! ˈ

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5 *, 5+ - h ."., 7 .0 0 - 0*6 02. 6+ *0 +8 "1, + - "+ J041 (05" . " 8 , 1 - 51"66 8 @ U
* $:+ " . $1"1* , . 02+8 <. - . , 1: . - 04 0 . , + - "09.6 1 , .4 0+ - :0 #
*0 +*6 3+ . 6+ * 1" 61 .4 090 - .4 - "" :0 2+ - 0 . 6+ 18 *09. +*6 * 5 +8
0/ .5, 61 , .5 60 . "+ 90*8 40 : . R6+4 *0 5 *, 5 8 " 5"48 *60 19. "06 4 - 1 8
1 , 1 0 6 , + - . " 1 + - 5 *, 5+ - "09.608 0/, 5 6 .4 3+14 (, 0*4+ - 06 . " 18 5 -
, 5, 8 50 "09.608 +50 20 .4 90 0 :1"02.6 &0 + - (6057.*.8 06 5 0 , ". 6 .* - :
5 ., 60 0 *4 9* 6.60 - - * - 0 2 , 1 - - R6, *4+ - . 2 6 .6+8 +6 .4 71 6 8 2. 2.
, 6 6.*618 5 6+8 2 + - 0*6 8 +6 : / 0 51 ", 6 . 19.*6 . - 12 03+ 1 1 3+ 43+. -
.440 06 , 1*4 6 1*0 - 0<0, 6 , 6 , + - "" * 0*60*6 . 50 6. 0*6 *.+4 6 4 . ""
, 6 0 * 0 6. "0*6 8 6 *, 2+8 50 67+.* . - 41 - + - 0 - +*6? + 7 :0 1 0/
5+6.6 8 .6 1* 2+8 .* - .4 :0 60 06 6 2+6+ - 40 3+1 6. - 4 + 5+9*.6+ - 6 0 .6 *1*
1"+ - 5 .04 , . 6 1*0 *1**+""1 + - * 0 +8 04 5 20""1 3+14 * 6.2.6 5. *1*
1 0 06 0 + - 0 ", 6 .63+0 .401 4 , "0 - .<1 + - +2" 4 1 + - <50 , 1* :0*6+8 1 4 *+ -
40*+1 *4 , 0 0 "09.608 .4 5 *, 508 : , *18 - 66R , 6 . 4 1 0, + - 8 . - , 6 .0 : *B
, +"1 1, . 0 .6.9 6 06 .2 +9+ 61 (. /1*0 . , A1.* E01 9 1 6.*402+ 9 , 1 65
60 - : 8 +6 * 20"" 5 1 40, 1 0 *1 - * 8 E0 - .* , . , $1"1* , 06 : *1 + - " j
2066.60 , 1*6 . 2. 2. +* 71 60 - + 0056 , 1* " 1 50 0:0 . 06 , 1* - .6+8 06 . - .
.*402+ 9 , 1 61 - 0*6. . , , 05 6 4 - + .670 - - "28 0, 7 - 0608 5 +4076 - +8
616 - 50 .61 + - , 1* " . +8 20* 9*0 0/, 05 6< 06 ". +4.61 (6057.* 5 151 61 0 "
06 . - 20"" .+ 6. * 6 . . , +, , 0 " 8 5 1 50 18 5 0, .6+8 0 6 , 060 + - 0 - - .9*. -
+ 0 5 < *03+0 6, +*4+ - ++ - 5 *, 50 - +""+ - 6161 60 . + - 1 20 1 61 5160*
6 1 0 - 0 0/ 6 - . 0

& ; & 4 60 - 5+8*+*, 8 5. 6.0 .4 h 0*4. - : 41 .0 . "".6+8 0 6 . * , + - - .
<1 2+8 3+. - .*60. , 15 8 1 0+8 * 40 06 - 8 .4 0/0 , 6+ - + - - .0 .+41 6.6 8
. : $. ". 6 * 8 $06 1 V%. 61+1 . " 1 &1 1*, 1 $06 1 ? 71 1 0 *1 06 *4 0.
(R1"R.*1+1 *1 6 8 + , 1 " 90*4 06 , + - (+0, , .0 - " 6 . , 5 .0 041E01 9 1 , 1 1
, 1* " . , 1 - - +* , .*4 5.6 + - 4040 +*6 % " (6 15. - +2 6+ * 3 .6 + *9 +8 06
*4 0.8) (.5070. 0. + - 3+.0 6+ * * :1* . 0 .*6 , 15 . + - R9.6+8 06 .667 .8
0 - 2 * +8 0/ :1* 8 5 .060 + *9 + - S1 +8 $ .60 .8 . " , 1*:0* +*6 <
3+ 2+8 . " 3+16 03+ 6+ - 6+ - .0 06 (+0, , .0 , 15 .0 .4 E1: . - + - 0* - 04 1 *60
Ah 1" - . . - 06 h 0*4. - 6 *0 0 6 , 1*<+*9+*6 06 04. .4 71 60 - +2 9* 8 .4
h 0*4. - 7.0 0*60 - 4+, +*6 2 , + - . , 0 - 0 5+9*. 06+ . $1"1* 8 67+. 8 . ,
(+, , 8 .4 +", 00*4.8 71 6 8 *<+ .8 :1* 8 .4 " 20 .60 - , +*4 8 .4 9"1 . - 6
- +6+1 , 171 6.*6 2+8 51 6 0 - 1 1 , , +8 03+ 6.6+8 50"" 6+ .41 +9.0 . %.6. 8 *B
6 1 (04 , + - +2 *140 - $. ". 6 * - " 60*. 0/ +9. , 1) 90 0 , . 6 3+0 , 1*6 *0 0
: , ""0*6 71 6. 0*6+ 3+0 +6 5 1 *:060 .6. 90*6 8 9"1 . 5 1 - "66. . . . - 0*6 0
" 9 1*0 0/6 0 - .* 516 +8 1 6+*. - 0/50 0*6+ 3+. - , . 6 . .55. .6+ - 3) 0 20" , + -
. 5 *, 50 40 +.0 , 1 - - "+ - 40 0 0 0*6 - 06+ - 50 , +"1 50 60*02 .8 .+90*60 06
*140 5+41 0 - 06 ".9 6 + - 6090*60 *0, <. - 0 , 1*6 *0 5.6 0*60 - +"6 6+4 *0 7 1
. 0 *+806 (, 71"R.*1++8, + - 03+ 6.6+ , + 5 .00 .*6 * 9. - 6 0< , +*6 0" 3+
4+1 3+ 2+8 61 - 0*6. , 1 - - ". 0 .*6 0. . - 5"0/ - .*0 , + - 12 0 * - +* 6 1*08
* : .40 0*6 : : , + - , . "/ 8 .55. .6+3+0 20"" 11 . , / / / - . , 7 * 8 * 5160 6.60 - :0*0
+*6 *"69*0 06 40 41, + - 0*6+ * 5 / 4 . 3+ 0/1*0 .*4 8 61 - 0*6 8 * 0 : +*6
4040 +*6 3+ +* 2+8 3+18 .4 18 6+2 *9+" 8 61 - 0*6 8 * 60 . 40 1 8 4+4. .*60
1 ". .56. :0 .*6 , 1""1 * , 8 +"6 1 2 - 1 60 - , 1* 0 :0 +*6 * 1 - 0* 0 0" , 60
9, 0*4.0 . , , 056. 7.0, : 41 . 3+. - 1 0+8 - 1/ . " 8 , 15 8 , 1* 0 56 8 06 *1: 8
61 - 0*6 8 , 1* ". 6 8 . , : 6 .4 5160*6 . - +. 7 1 60*6.*4. - 504 *0 0 , / 6 - .*8
* 7 "

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. 9 U

"1ʻ < ʻ) E ʻ 9 6 ʻ ʻ

$: ʻ * 7 " 2ʻ.ʻ 4 66 "7. .40 - 56+ *ʻ: 40 ʻ 3+14ʻ *1*ʻ 2 0&ʻ .ʻ .0+"6.6 2+8ʻ - 8ʻ : +ʻ ,+ - ʻ -
ʻ # ʻ "" ʻ 9* ʻ . , ,0" 1* ,ʻ 0/560 ʻ 5 i "06ʻ 0: ." 0* 1ʻ +* 0*6ʻ ,ʻ 1*0 2+8ʻ .ʻ 090ʻ +2"0: .6 ʻ
,+<+8ʻ 53*+ .ʻ ".21 .2. *6ʻ 12ʻ ,1*6 *+.ʻ 24".ʻ *6 .ʻ *.10* .ʻ +.ʻ ,1 - 5+" ʻ .ʻ ,1* * - * ʻ
71 60ʻ 06ʻ ,1 - - 0 41ʻ - * ʻ *60 4+ 1 ʻ ,+ 6+3* ,ʻ .9 1 + - ʻ * 09R 1 ʻ <. - ʻ .ʻ - +"61ʻ 60 - B
51 0ʻ *ʻ 0/6 0 - .8ʻ .*9+ 6 .8ʻ 04. ʻ

& ʻ ʻ *ʻ ʻ :0 2ʻ 5 1 0/ʻ "0962+8ʻ 09* ʻ , 0. ʻ *1*ʻ 51" 06ʻ 0/ʻ 50ʻ +. - ʻ *ʻ 71 " ,1ʻ .2 ʻ
0*6 . - ʻ ʻ 3+ 4ʻ .044 "06@ʻ ,+ - ʻ 5 - 1 2+8ʻ 09* ʻ ,1 - - +* , .6+ + - ʻ 0ʻ 5 1*+* , .: 6ʻ
$. ,0 - ʻ 60 - ʻ 5+2" , . - ʻ *70 0ʻ .* / 6ʻ - . / - 0ʻ . ,1: .0ʻ *0ʻ 3+14ʻ 4 8ʻ 60 - 51 2+8ʻ
. , , 40 .6ʻ *60ʻ 4 " 4, *60 8ʻ 40ʻ 4 9 1*0ʻ 6+ - +"6+8ʻ ." 3+ 8ʻ 0/1 06+ ʻ $ 1/ - .ʻ + ,ʻ
40ʻ + - - 1ʻ 4+ ,0ʻ 44 90*41ʻ ,+ .ʻ 4+8ʻ .ʻ 090ʻ 0*.6+ʻ 5 +8ʻ ,1* +"61ʻ ,+ - ʻ . ,1: .ʻ
h . .: . - ʻ 4 0040 06ʻ ,1".+8ʻ 0"0, +8ʻ $141" .0ʻ $.".6 *+8ʻ - .9*. - ʻ +50 1 2+8ʻ
.** 8ʻ ,+ - ʻ .%+ , 8ʻ 06 h ." . ,7 8ʻ , ,+ - :0*6+8ʻ * ,1"+ - 0 - ʻ 0/0 , 6+ - ʻ 04+/ "06ʻ ".+ʻ
40 - ʻ .4056+8ʻ 3+ ʻ ,+ - ʻ 12ʻ : ."06+4 * 8ʻ 60*+ 6.60 - ʻ * 6 1ʻ 0ʻ 0/ ,+". "06ʻ 6.*40 - ʻ *ʻ 0. *ʻ
6.*6+ - ʻ 0/504 6 1*0 - ʻ - 50 + .ʻ . , ,05 6ʻ *40ʻ 0/ʻ E 14*. - ʻ :0* 6ʻ [06ʻ ,+ - ʻ .0 .ʻ

- ʻ 20"" ʻ + - 56 2+8ʻ *1*ʻ + ,0 06ʻ 50 ,+* . - ʻ +*4 3+0ʻ - +6+1ʻ + - 6ʻ 06ʻ 3+. - ʻ 0ʻ
51 . - ʻ *ʻ 5 : .608ʻ + +8ʻ 7.202.6ʻ " 2, ." 60 ,1* 0 6ʻ %+ - - " 60 - ʻ 5. "" - ʻ 50 $1 ʻ
"1* . - , 2 ʻ <+206< 06ʻ .4ʻ 7 61571 + - ʻ .6 0 - ʻ % .* ": .*+ - ʻ - 66 6ʻ +6ʻ :060 . ʻ
*1 + - ʻ 50ʻ $.**1* . - ʻ ." 3+16ʻ ,171 608ʻ 06ʻ ."8ʻ 03+ 6+ - ʻ ,1* 0 2.6ʻ 40 - ʻ 7 61 ʻ
571 1ʻ ,ʻ 1 4 . 0: 1ʻ 06ʻ *0 61ʻ ʻ h 0 0 1 ʻ +6ʻ 50ʻ E0 - .* . - ʻ . ,0 0*6ʻ - .*4.6+ - ʻ

67+.* .ʻ 5 1,0 08ʻ :1"+*6. + - ʻ - " 60 - *ʻ 4ʻ 24"+ - ʻ 126+"0 +*6ʻ 3+163+0ʻ % 9+"ʻ
.44+4+ ʻ 0 0*6ʻ 04 40 +*6< 3+1 + - ʻ *+ - 0 +8ʻ .4ʻ /ʻ , 1ʻ 0 0ʻ . , ,0 " 6ʻ 0 *ʻ & " . - ʻ
:0* 6ʻ ʻ 06ʻ ,1".1ʻ DS.40: "" 1ʻ $.".6 *1ʻ :1* .0ʻ 5 .0 04+ . - ʻ A1.** ʻ ʻ 71400: , 1ʻ
.40 - 56. - ʻ .4ʻ 60 - 5+8ʻ 40 - .*4.6ʻ 06ʻ 7 61571 10<+8 " 1ʻ 0/0 , 6+ - ʻ 3+ʻ *ʻ :1* .ʻ
+06.6ʻ 6 .4 6ʻ 8ʻ ,+ - ʻ +2 4ʻ 60 - 5+8ʻ 0/ ,+ 1*0ʻ .4ʻ 9ʻ %1 5.6+ - ʻ .4.ʻ ʻ S 0 - 5,"%+ - ʻ
* 0 ,05 06ʻ .63+0ʻ 0:0 6 "06ʻ : . 6.61ʻ , ,+ - ʻ .9 1ʻ 6 + - 57.2+*4+8ʻ .4ʻ 090 - ʻ . ,ʻ 5. ʻ
6 0 - ʻ & "*. - :0* 6ʻ < 3+0 *ʻ - 1/ʻ 0/0 , 6+8ʻ 6 50*4 .ʻ ".9 6.*8ʻ 0,+6+8ʻ 0 6ʻ .4** - , .6.ʻ
." 3+.ʻ 500+* .ʻ .ʻ 090ʻ +6,+*3+0ʻ 5". , .6+8ʻ %+ *ʻ +*40*4 8ʻ 61 - 0*6 8ʻ - 14+ - ʻ 3+0 *ʻ
* , ,1 - - 14.6 - + - ʻ 0/50 ,*6 .4 4 ,0 .6ʻ 5 .0 0 2 6< 06ʻ ʻ .+*.0ʻ 51*60 - ʻ 3+1ʻ *ʻ
0/504 6 1* 2+8ʻ 03+0*6 2+8ʻ +60 06+ ʻ ,1* 6 + ʻ <+206ʻ 0.ʻ .6 1*0ʻ +6ʻ 0/ʻ *9+)8ʻ *.: 2+8ʻ
,1 - 51*0 06+ ʻ 3+.0ʻ 40 *40ʻ 6.2+".6 8ʻ 6.ʻ *60 ʻ 0ʻ ,1*<+*902.*6+ ʻ +6ʻ 3+16 08ʻ 15+8ʻ
0 06ʻ 05. . ʻ ,+ 2+ 3+0ʻ *9+" 8ʻ +*.ʻ ,+ - ʻ 6.2+".6 8ʻ - 51 66.0ʻ 2 * 8ʻ <+ - 0*61 + - ʻ
<+9 8ʻ *1*ʻ * ,1 - - 140ʻ *ʻ 3+0 - 0+*3+0ʻ "1,+ - ʻ 6 .*8 0 ʻ 51 0*6ʻ + - ʻ :0 1ʻ 9+8ʻ
3+14ʻ *60* - + - ʻ 1ʻ .**1ʻ + 6ʻ ; /ʻ : ʻ S."ʻ G+ *6 "ʻ , - 06ʻ *0,ʻ +"".0ʻ 70 2.0ʻ
.47+,ʻ 0 "1 0 0*6 , .+ 68 67+.* .0ʻ .+4 0*4 8ʻ ." 3+.*4 +ʻ 60 - 51 8ʻ *60 0.ʻ * +* 56+ - ʻ
0 6ʻ 6 8ʻ 4, *ʻ .4ʻ < 1 0+ - ʻ . " +8ʻ R 15.6 * 0 +8ʻ 3+ ʻ 20""+ - ʻ <+ 6+ - ʻ 0ʻ 40*+* ʻ
, . 06ʻ .+ .0ʻ .44 6.0ʻ 3+14ʻ *4+, . - - ʻ 1 60*6.6 1*0ʻ 5 1: *, . - ʻ :1* . - ʻ 0 1ʻ
06ʻ 9.0ʻ : . 6. "06ʻ "09.6 8ʻ + 8ʻ ,1*6+ - 0" 1 0ʻ 7.2 6 8ʻ .4ʻ 0/ 0 - + - ʻ 4+5" ,0ʻ ,1* 041ʻ * ʻ
4+0<. + - ʻ * 6 + - 0*61ʻ - 51 + 606ʻ ʻ 0140 - 3+0ʻ 60 - 51 0ʻ *1:1ʻ *ʻ :1* . - ʻ - 1ʻ
0/0 , 6+ ʻ h ,*45.ʻ 155+9*."" 06ʻ < +."09.6 1*0*1: . - ʻ .4ʻ 5 1 08 *<+ .8,1*6+ - 0" ʻ
. - ʻ . ,ʻ "+4 2 + - ʻ .4<+* / "06ʻ (+2ʻ 4ʻ 0 . +8 . .2+ 4. 3+0 *ʻ 1 0+87+0ʻ + 3+0ʻ 06 ʻ
*+0 .6ʻ *+""1ʻ ,+ - ʻ ." 1ʻ 0 51* 1ʻ 3+. - ʻ 3+14ʻ 5.+"1ʻ 51 6ʻ 71 - *0 - ʻ ++ - ʻ .4ʻ 090 - ʻ
.2"09.6+ +8ʻ 0 06ʻ 8ʻ +2 ʻ :0*R ʻ *41, .8ʻ 5.4.8ʻ ,1* - . ʻ 506 6ʻ 0 ʻ 6ʻ 3+ 4ʻ +50 ʻ B
:1* .ʻ ,1*6 1:0 6.0ʻ 0 06ʻ 40ʻ 01ʻ 50ʻ . 2 6 18ʻ . - ,0ʻ 6 .* 90 06+ ʻ (04ʻ ,+ - ʻ 0.8ʻ "+4 ʻ
, .6 1*08ʻ *1*ʻ .4 - R60 06ʻ (6057.*.8ʻ 71 - "*0 .ʻ 0 - 66R ʻ 06ʻ %.6. ʻ "09.608ʻ .+4 : 6ʻ 0/ʻ
1040 0ʻ 3+1ʻ 09 2+8ʻ $1"1* .0ʻ - " 6. 0ʻ ,1*6 .ʻ 3+1"& 8ʻ 71 60 8ʻ + * ,1ʻ %+ ,1 - - ʻ - ʻ
50 .61 0ʻ 0/0 - 561ʻ 60*0*6/ ʻ 150 . - ʻ +. - ʻ .4:0 +8ʻ 1 ,+ - ʻ 40 0 0*60 8ʻ 06ʻ 41*. ʻ
6 :+ - ʻ 5060*60 8 ʻ . ,ʻ 40ʻ " 1: 1 + .ʻ *<66 8ʻ 0/51 6+".*60 8ʻ ʻ .4ʻ 3+18ʻ 0 51* + - ʻ <
3+14ʻ 150 . - ʻ +. - ʻ ,1*6 .ʻ 1 ,+ - ʻ %.6. +8ʻ 51"" , , 06+ ʻ . ,0 0ʻ 0+ - ʻ 0/ʻ 1 , 1ʻ +1 ʻ

&ʻ ʻ ʻ ʻ ʻ 41*.6 :+
/! G"/4ʻ + .ʻ # 5ʻ /ʻ " # ʻ ʻ R # 0 ʻ ʻ b". #6* ʻ , * Q
ʻ 6U # ʻ $ʻ ʻ " ʻ ʻ ʻ 5 $ ʻ ʻ ($ʻ

41*.6 :+-'4.6+-' ' 1: 18' *' 09 8'5160 6.60'611*' 0"%0' 3+ 550'0/',1""+: 0' 61 ' '
* + - *.6 1*+ - ,1""0418 '3+ 2+806'%+ 4'06%.6. /' 0' .99 09.60',1 - 50 6 *6 ' 6+ *' ' '
150 . -'4.6+-' '+6'3+.*6+-' 0 '51 "6' 01 + -' *,+ 1*08'5 17 20.*6+ ' *40'
." 3+.'50,+* .' .4*+ - 0 .6.'06' 0 6+8':0 6 - 0*61 + -'*+ - 0 +8' 3+ 2+8'.,,056 8' *1*'
6. - ,*' $1"1* .0' 09' *'71,'20""1'.4 + 6' $0 ,1' 40'3+1'4 / ' .' %+ ,1'1,,+5.6+8
E16. 4+8' 'S06"0 +8' + ".*4 .0'06'(0 - 9."" .0' 4+/'06'7+0':0*0 .6' +6'6.*3+. -' 09*'
$1"1* ,'20*0 , . +8' *' 40 -' 0, 50 06+ ' ' 3+0 *' 0/ *.0' +2 60 0'<+"" 6' 06' 40' '
0.' 0' *60 -'.4' 0*.6+-' 06+" 6' A. -'504 6.6+8'0/'? $.**1* .':0*0 .6'.' 7 61571 1'
09 8' .6 0' - +8' 06' ' 0"06 +8' $1"1* ,18' 40"04+8' + 902.6' 3+ '12'.+41 . - 0*6.'
6. 4 +8'.,,056.' 0 +8' .4' 04 4+ -',1 - 5. + 6' ' 0/'5 4'S." G+ *6 "' & "*.U(+ - -'
:0* 6' ' +2'40'20""' .6 1*0' ,6'3+1'5 - + -'4+,0*4+8'0/0 , 6+8': 40 06+ ' *60'4+,08'
,1* +"6.6+ -' + 6' 6' 67+.*' 0 0'1 - *08' $"0 ,1: .6*'50' :1* . -'0+*4+ -' ,0*'
02.*6'+ 20 -'. - 5" - . -'06' - .9*'*1 - * 8' '06'6. - 04',1*6 .': -'5. + -' - +* 6.* <'
- + 8':06+ 6.60'*09",4 8' 3+14'"1,1'6+6 - 1'06' .2'1 - *'20""' - 06+' 0 - 161'5 1,+6'
6.'0 "06' ' 3+.'5 1 *40' 0/'2.+4' - .9*1'50 ,+"1'06' * 7 "1 - *+8' - .9*1'".20Z48'5 06 1'
516 6+ +8' 0 06' 0/' ,1*6 .' 0/ 6 - .2.6< 06' ,+ -'71,'+*+ -'01'20""1'5 151 6+ -'
0 "06' +6' :1* .' *'" 20 6.60 -'. "%0 0 06+ ' '50'60 . -' :1* . -'20"" 8' +50 1 2+8'
:. 6.6. -'06' ,1 - - 0.6+' 1 - *'0/7.+ 6. -'0/0 , 6+8' 4+,0 06+ ' 6 0'<+4 , .2.6' - .961 8'
L4 ,+"6.6 2+8'0+ -',1* " 4.6+ + - '06' *60 0.'5 1: *, . -'0. *'*0,*1* 67+.* . - '
3+.0'.4' ' 1 ; 70*061'50 6 *06'"1*90' .'60 91' 0" 4. - '71 6 + -' + 1 '0/51 6+ -' '<
*,,' '1 J0*40 06' ., "0 -' 0,056+ - '*0,'0'5 15 *3+1'5. .6+ -' +2 4 + -' 1 0' 1*B
6 .' '9'$1"16 . -' *' :1* .0' *9 0"%+' .4' +*. -' "+: + -'51 6. -'5060 06' +6 + - 3+0'
0',1* ,,+6+ + -'5 1: 402.6' +6' 06' 5 1/ - 18' .4 :1* . -'06' 67+.* . -'.4 6+8 *'
5160 6.60'7.20 06' 06' 40 *,058' *60 ,"+ 1'.4'0.8'71 6'.4 6+'+"60 +8' *' 1 01: . -'6+61'
5 19 04'51 "06' *0,'"1*9 +8' .' 67+.* .'4 0040*8'+* 3+0'.4'5 17 20*4.8' 71 6 + -'
,/,+ 1*08' 0 - 50'5 .0 61' 0 "06' 8' .,,0402.6'06' ." .' ,1 - - 14 6.8' *.: 9.6 1* 8'
+*.0' "+ - * 8' 3+.' 1". 90* 851 6+8,1*6 *06+ 06' :1* .' +* :0 .'1551 6+* 8'
"+2:04 1* 2+8' - . / - 0' +2"0:.6+ '0.'20""' .6 1*0',1* 0 :.*4.0' ' 3+14' 0,+*4+ -'
,,+5, .6 1*0 -'5 1: *, .0' :0' - . / - 0' 0/'.* - 1'.9 6.2.6' 0+ -' :0 1' 6+ -'06' "1,'
90 + -'0 "0'+6'.2'0<+8'5 .0" 4 1' +*.0' - .9*.'5. 8' * 0 606+ '0/'01'.+/ " .'.,',1 - '
- 0.6+8'.4'S1R0*7.+ + -'." .3+0' :1* .0',. 60"". '3+.0' 1 0'60*0*6' + - - 66.*'
6+ ',/,+ 1*08' .*6' 06' & "*.'.,' 9.'1 - *',1 - - 0 , '" 20 6.60'516 .*6+ ' 6.3+0'
0.',.56.' 67+.* . -' 0 0'" 20 6.6' 0 6 6+' ' :1* . -':0 1'3+. '616. -' 0, 5': 40
(04' + +8' 05",.2.6+ '06'4 ,+"6.608' *'$1"16 .0'1 - *' 0'.4' 0 60*4+ -' * 6 +4 '
- .0'12 4 1*0' +6+ .0'12< , 02.*6+ '+6'50 ,+"1 + -'0 "06' .'6. *'4 , "' 06+ *'90'
0*4. + -' * 6 1'20""+ -' *,71. ' *. - 5"+ - + -' *' 5 8' * 6 8'.4' . - . -' - 1 - 0*6'
0 "0'3+ 2+8'.4'+6 . - : 8'5. 60 -' 0 0'71 - *08' - 50""+*6+ ' 4'7.0,' 0/'3+'* 7 "'
1': 6+60' +50 .2 "0'5+6. 06'3+1' - .<1 08' 4 ,+"6.608'5 151 6.8' *60"7902.6' 01'
- .<+8' ,' 20*0'90 6.'40,+8' 06' 0" , 1 08' 40 *40' +,,0 "+8' 0,+6+ 18',1* 402.6' 06' '
3+ 4' *15 *.6'.,, 4 06'5.,.6 8'.'60 91'5 1: *, 8' - *1 0',+ -'50 ,+"1'1,,+ + + -'
0' 50 .2.6' 9 6+ '04 46+ -'5 151* 6' :' 4'G+ *6 "'3+1' 0506 6 8'5 1" /0' 1 0'
*<+ 8' 0 - 8' * 4 5 8' *4+, . + -'" 60 8'20""+ -'A1.**' . " ' "1' - .9*1' 1 '
,1 + -'4+4'40*+*4.6' 06'+6'1 60*4.6' 0' - * - 0'0 + -'3+' 1 01'5. 0*6' 7 " .'
*1 + -'71 - *+ -'.+6' ,.". - 6.60 -'0/5060 0'.+6' 0*9+ *0 -' 6 0'40,". .6' 0'71,' *'
." - 8'60 - 50 . - 0*61'+ + - - '+6' 8'3+.*6+ -' 0 '5160 6'*03+.3+. -' ': 1"0*6+ '
3+'*1*'.+6' *'5 .0 4 8'.+6' *'.,0',1*6 .' 0' 6060 *6' %+ *' - "608'.4' 0 -' 1 6 60'
9, 0*4. -'71 6.6+ ' ,0 6.'7 *,'9"1 .0' 051 6.*4.0' 7 *,'20*0:1"0*6 .0'9 .6 .0' .,'
*+ - ,0*6 .,' .'5 *, 5 ' ,1* 03+0*4.0' 50' *40'5 .0 - "%1' , ' ' .40: ""1'.,
7 61571 1

$ ' :N7 ' ' ' / + '+ *' B ' : #
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"" 7 6156 1 1')1',+-' 67+4* , 8',15 8',6' E. 5. 8# 0R0 '$.**4* ,1' 03+ 6.6+'
' 3+') 2.*',1 1*.', *90 ,6' 06' 060*61' *',. 6 8' 406 1' (+ 1' *.-':, +8'
-1:0 '0. *,040*4' .6 1*0' +6',+-'.'40/6 .': .0' - - *0 0*6' D . *.' (+ .'%+'
16" .' 1 , ,1'5 .0 4 ' * 0 .'"1,.' 0"06 +8' .2' 0R' 5. 60' ,+-'0/0 , 6+' *'5 -1'
.9- *0'A1.**0' (2. . 1'5 .0 0'<+ 1'60*40 0 ' 0/'".0:.' 60 ' .,0 06' 7.0',0* 6+8'
$1"1* ,+8' 0/0 , 6+8' 3+0 *' 0/'. 0"06 1' *' ., 0-' * 6 +4+-'06' +2' H* 8' 4,,+ 0*'
6,-'-.9*.',+-'12"04.6 1*,'.,'5 1 50 ' +,,0 +8' 1- *0' : 4 6' ' 67+.* ,.0' ,1'
5 .0' ,1*:0*0 +*6' ' 06' 40"04+8' *' E0 - .* .'.'9' 1 4 . 0: 1' 06' h 0 0 1' .56 -'06' *0'
5+2" ,.' .,+"6.60' 7.2 6 ' 0 ,'3+.*3+.-'." ' 0-'4 J0 0*4.-',0* 0 0*6' + ".*4 .0'
4+/' *' 40-' .,' ," 0*60". -' 0,056+8' 0 6' p ,.+6+-3+0' 3+.*6+-' .4' <+ 4 6 1*0-'
"50! 6. '3+.-' *' +18' 7.206' +6' .4',1*:0*6+-' :1* .0' 3+0 *' ' 4 3+.-' :1* .-'
0/'.4@+*90 06' * 6 6+6+ +8' *' 0.' 0 06 \'5 1:1,. 06+ ' *60 -' 1 ,+8' $"0 ,1: .-'
5 1 04 +8' 5. 60-',15 . +-' *' :1* .-'5 .0- 0 .6' 35.0' # +*. "+- *0' .4' I S1'
R0*7.+ +-' .56 *' 6 .* - "2' 0<04 8' 6.6 1* 2+8' (00"2+ 90* 3+0' 4+, 8' + ".*'
4 .0' .,<' 0*' 7 61571 ' .40: "" '.9 1':. 6.61'5 150 0' 6 .*8' +*.-' ' 0,0?'
50 +*6' & , -'.' 090' - "'A1.* ##%."+1 " +8' (.-19 6 .0' 5 .0 0458' *' :1* .-'
$7 "1'V'S - 6.'3+ # .0' 5 .00 .6' .4' ' 1 ; 670*0-'3+'0/,+ 1*08' 71 6 +-'5 1'
2 2, 0*6' A.-3+0' & "*0* 8' $.".6 *+8' +*.-'51*60 ' .+*.0' 0/' *.: 2 8' 6 .61' .4'
.-'6 . - 0 .6' *0- *0' -504 0*60' 5.+"+-3+0' 5 19 0 "+8',+-'):.0' ,1*'
6 *+.0' 0+-'." 3+.*4 +' -1 .6.0' 0 %0*6' . 21 2+8' 5. -' .9 ,1". + .' *,+ .' 0*.6 8'
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&) ' ' '.*6 3+ 6+8' +18' 4+,08' 7.2+ 6' 06' +2' .**+-' 7 6' !' :0"' +6'
+ 6 ,'.**."085+6.*6' .**18 .',1*4 6+' -+*4',,,, ///: ' +5 .': ', 1 # 1,7+1"41'
4+,'5. +6' 3+' .2' & "14 - 1' -.9*1' 12' *09.6.-' *' -.6 -1* +-' 1,7-04.-'
".-' 70""1' 50 6+8' -50 + .': 6.-3+0' .,'4+18' " 18' .- ' 2' 01' 60-51 0' +""'
5 *4508' 0. *'60*+0 +*6' 41*00' 01 +-'0/ 6 *4.' 6 50' 67+.* 8' +6' 3+.04.-'." .0'
+ " .,'4 6 1*08',0" 6' 0 *'A.90""1*0' $1"1* .0' 090' 0"041',+-' *4 0.8' 0<+8'
.60 '$1"16 .0' 41- 7.6+-'. 5+ %06' 0,056.'0 6' 06 *40' + 3+0' .4' .**+-'7+<+8' .0'
,+"' ' *' 40' 09+-'$1"1* .0' 50 -.* 6'3+1'.'A1.**0' 1 01 +-'4+,0' ,.56.' + 6'
(1"1'<+/6.'.-10*1'.,' 10,+*41' " .'0 6' 06' "+: 18' *.: 9.2 "0 8' 7.206' +*.-'3+' *'
1 01: .'7.+4' "1*90' .' '%+ 150, .'1 6+8' 51 6+-' 90* 0-'0 , 6' ' 0,+*4+-'0+-'
? ".-') : .6.-'0' 1 01: .'0' 67+.* .' *.-'U) ".-' .' (-1"0* ,1' . '
5". -'3+'1-*08' *' +*.-' * "++*6' %0 61 +-' '5. %++-', 1' *'"1*9 6+4 *,-'
.,'616 40-' *'". 6+4 *0-'5.606' *603+.-' *' 1 01 +-'5160 6.60-':0* 06' +*.'
. ,0' .63+,' + 20' $1"16 .' .'$1"16.' ,19*1- *0' .-*0' ,'4 4. '06' /<0 0 0 .0' ,. 6 1'
,1*6 *02.6+ ' <0 0 0 . ' 1 01: .-':0 +8' *'".,+'0/' 3+1';' 21" .'1 6+ ' 6.'.2'
+*.'5. 60' .4 6+-'.*9+ 6 " -+-' 06' .4' 3+0 .': /' 0/504 60' 60 ' 0 6' 7.206' $1 6?'
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-0*'U?) .,.-' || ' 050" +-' *' * 6 ".'".,+8' 3+'.' 050" 1' "+: 1' 0 , 6+ ' 67+.'
* .-':0 +8' ,1*4 6+-' + 6' $0 '0. *' 67+.* .0' 5. 60-'4+1' "+: '*.: 9.2 "08' 3+1 '
+-' 1*608' *1*'5"+8' :', 1'5. "++-' *60 :.""1' 4 6.*6' *' 4+1' "1*90' 4 " 6.'-. .'60*'
4+*6' 050" +8' *') ".-' "+: +-' 6 40-'*.: 9.2 "0-' * "+0*8' 0+-'01' *' +*.-' *B
403+0' .4' 9.-' *' -. 0' ."6 ,+ *'0/1*, .6+ ' ."60',' 0 , *.' *' 4 :0 .-'5. 60-
.56+8

' % $ '? + ' #D ' N ' '+ 0 ' ' + '
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6.56+8 ,+ - ' 1 ; 670*0 *'51*6+ - +/ *+ - '0 +*4 6+ < 6.'+6 ' 5. , .6.090*"08 0 "0*6 ='
50 '3+. + - '60 .8 "+: '".2+*6+ ' *'6.*6.'01 + - '5 15 *3+ 6.60'6 .* 51 6.*4. - ' ' # ') '
3+0 0/' +*1' *'."60 + - ' - 0 , + - ' ,17<+*90*41 + - '40* 3+0 01 +*40 - ' ., +"6.60' ,5 '
60*6 1'+* :0 + 3+0 1, , 40*8 ., "" - 0 ,+ - '1 0*60 ,1 - - 0 , 8 <+*9 '51 "06' 4'
,.'"1, .' 1 0+8 , . 6,"".'3+ *3+0 0/ 6 ./0 .6'#(1,1". - ' *': .'2$"0 ,1: 0* ' P ,06 '
4. - '.4'".,+ - ',19*1 - *0 - '///'.' (1&1"1, .5. " + - ' - "" 2+8 ' D(6*+ - ' * +R0* '
: .' '8 1 .*+ - '40 *40 "1,1'.2 21" .' "+ - *0 :0"+6 , , *1' , ,+ - 4+ 61 '06) : . '
6. - ' .4' "+: + - ',19*1 - *0 - ' ""+4 ,1*6 .') ". - ' 7.*,' ,1*6 .'7 h 605 , . - '06 (+ '
. + - ' ' , 8 +*. - ' '%+ 1 " . - ' .4 ,19*1 - * 8 . - * 8 , .5+6 ' (+ ". .'40* 3+0 B
67+.* .* 0 :0 +8 ' *'".,+' 3+ '%+ 1 . - '0 - 66 6 ' 8 . 1. - ' .4<+*/0 .6'3+. - '
1 ., ' 67+.* '4+,0 J .*, 01' '(+R1 ' .4 20"" ' + 0056 ' . - . - ' 0/' - 5 1: "2 , ." 8
*1 "+' .4 - 16 8 ,050 +*6 ' 140 .' +, ,0 "+'06 1 " .*+ - '6 .*8 +*. - ' . /' 050*6 *.'
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0" ' $.".6 *0 <. - ' .4 $1"16 . - ' :0*0 .*6 ' : .' 3+.0 $"0 ,1: . - '4+, 6 0/,+ 0*608
(6*+ - ' 050*6 *.' *: . 1*0 , .56+ - ' *,0*4+*6 ' + - ' :0 1' 0/' *,040*8 (1,1". - '
.4 ".0: . - ' 7.20 06 ' 06 - 06+0 06 ' *0 *40 + - - 8 $"0 ,1: .' 2 4 8 *' $1"16 .,'
12 4 1*,' * 0 6. 06+ ' 40 01' *' 6 *0 0 , .5 0*41' ,19 6. :0 .6' :0 + - ' - 1 . - ' + 0056 8
02+8 4. - *1 . - ' :0 6+8 ,1* " + - ' ""+4 1 - 6 ' 06 60 6 8 , . 6 8 Y *.' $1"16 . - '
50 :0* 6 ' +2 ' 5"0*+ - ' 71 1 8 06 , +40" 6.6 8 504. ,+"+ - ' 12: . - ' 7.2+ 6 ' . - '
< 1 0 ' , .56 :08 $1"1*18 ' 3+18 <. - 4 +' *' 3+."1 0 06 ,1 - 504 2+8 7.2+0 .*6 '50 ' , - '
, .6+8 *60 0418 06 6 .2 2+8 ."" 9.618 0,+*41' +*.' 40 - 0 .*6 ' 0.' 0 60 1 0 - ' * '
,+6, 0 0 .6 ' 3+' ,1*6 .' *' +R 1* 8 40 40 + - ';0 6 6 ' 1,+ - ' ,+ - 'A1.**0 (. 1'
U(. - 1 , 1' 06 E. 5. ,' 1 0R0 61' ,1*60 - 5".6+8 0/ ' 3+.'5. 60 155+9*.6 1'60*6.*4.'
0 "06 40" 20 .: 6 ' $1"16 .' 4+.8 . ,087.206 ' ."60 . - '04 661 0 "1,1' 51" 6. - ' 0. *?'
3+0 - 04 .*0 ' ."60 . - ' ,"15506. . - ' 1 01 + - ' " *9+.'4 4. - ' 06 155 4+ - ' ' (.51 '
"16. - ' ' .' - 0 4 0 +*. - ' 50 6.6 ' $1"16.' .' !0560*6 1*0 :0 +8 166+ - ' +2 41550 '
6. .' . ,0 60*40*8 + +8 *40 .4 1 0. - '40," *.6 ' .4 ,0 3+0 ,1"" 8 ' ,+ ' +50 1 ' . /'
* 406 ' ,1 - 5"0/. ' 0.*40 - 3+0 .2 155 41' 05. .*8 - 0 4 0 - ' :0 +8 5.+"1' * 0 +8
,+ - ' +*.' ,1 - - ,06+ ' 46.' . /' - 04 .' .' - 0 4 0 +*. ' .' 0560*6 1*0 06 1 6+' $1B
"16.' "+: 1' 155 413+0 (.51"16. ' .2 1, , . +' ,"15506. .' . ,0 ' +*4 3+0 - 1*60 ' ,+ '
- * *,6 '5 .0 +561' ."6 - 3+0 1 8 .,' : .""1' ,1*6 *02.6+ ' - + 8 06 5 15+9*. ,+" 8
,/' ." 3+16 40: *4 8 : ." 4 "" - 1 + - ' 121 + - '1 4 * 2+8 , *4. ' /' * 0 1 '40 '
," : ' "1,1' 51 6.' 51*60 ,+ - ' +50 1 0 ,1*<+*902.6+ ' 55 4+ - ' +2<. ,02.6 *60 '
4+.8 . ,08 51 6+'6 .*9+". ' 6.'+6 ".6+8 +*+ - ' +*. ' ."60 + - ' :0 +8 + - - . - ' . ,0 - '
$1"16.' "+: +8 '60 6 + - ' 1 ".0 6+ 0 3+0 6+0 0*6+ ' 2' . ,0 +50 1 0 ' *'3+. - '1 - * 8
,1 - - 0.6+8 .,'20"" ,+8 .55. .6+8 ,1 - 51 6.6+8 +0 .6'155+9*.6 3*0 - ' *45 '5". ,02.6
09 '3+14' 0.' , .56.' ."60 . - ' . ,0 - '06 155 4+ - ' - 1/' *' 5160 6.60 - ' :0*6+ + - ' .55. '
02.6 ' 7 "1 - *+8 0R0" +8 (.51"16. - ' .*60 60*6.*4. - ' ,0* + 6 ' 3+14' 0,+*4+ - '
+*. - ' :0* 0*6 2+8 5 - 1' "1,1'1, ,+ 0 06 '3+.' , .56.' ,1 - - 14 8 .4 . , 8 12 64 1*0 - '
71 5 6 8 - "08 +6, 06+ ' + - '40" 20 .6+ 'E0 - .*+8 - "08 ' 4+,+ - ' * + + '$1"16. - '
6 .* 9 , "+8 ' "1,+ - ' .2 155 41' .:0 + - ' 0/' .4:0 1' . , + - ' .4 +*. - ' , . 6 8 , .5 6 '
2 3+0 +6 ,1*6 .'155 4+ - ' - +66 6 1*08 .90 0*6+ ' 0/ '6+ - *"6+ - '0/' *.6 1*+ - ' .0 - + '
".6 1*,' :0 6+8 '50 - 66 ' 6.' :0 1' , . 6 .'1 4 *.6.'0 .*6 ' +*9. ' .4 +*. - ' :0 +8
(.51"16. - ' ,1* ,4, .*6 ' "1,1' .4 +2:04 1*08 ,1 - - 141 '3+ 550 5. , .6.' * 0 1 0 "+ '
- * 8 5. 60 '3+14 ,6 51*60 6 .6+ - '0 .6 ' * .' +*9. 18 , 8 $1"16. - ' , ' ⅡI .40 '
: "" +8 ,+ - ' 7 61571 1' " 1' 06 67+.* , 8 ,15 8 5.6 / - ' 1 **0 ,1 - 5"0:0 .6
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2 ' ;' #)3)5)$ 2 2 $ 2 3$ 2 86 $ I2C ") 3$ 2 3)2
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. ') ' .,' 03+ 60c' $1"4* ' +6' 3+ 33,' 5160 6.6,' 06' 71*1 0' .*60,0402.6' 6.'5 5/ - + - ' 09'
"1,+ - ' ,050 . ' .0,' ,+ - '60 " '61 - 0*61 + - '1 4 *08' . - 2 0*608' 2 *1 + - ' : ,1 + - '
5. ' *60 ' 0' 5.6 1' 4 6.*6 + - ' 0 <0 - '0" ,0 0*6' 2 * 8' 06 . - ' 51 6 8' .4' 018' .4 6+8' , '
" +8' +0 .6'6' 616 40 - '51 6.0', . 6 1 + - ' 6.6 1* 2+8' 06' 0/,+2 8' - " 6+ - ' - .6.0' 0 .*6'
/60 + 6 ' ,. 6 1 + - ' ".6+8' 0+ 6 ' , ,+*4.6' ,.60* 3+0' 0 0 8' *60 ' 0' ,1"" 9.6' - 1 0'
90*6 8' $1 1* ,.0' - +* 02.*6' 1 ".'06 . - '.4' - .<1 0 - ' 0,+ 6.60 - '4+4. ' (+5 .' ,. 6 .'
E0 - . '01 '36 1' 4 / ' "1,1' ,1* 040 .*6' ' 3+ 2+8' 06' i' 40"04 ' 6<50 :0*0 0' .' E01 9 1'
J 40 ,1' 1 +" .,' 4+,0' + - - 6 ' +50 :0* 6' 06' 1* 6.*6 *+8' D 6 19 .0' 4+, 8'
" +8' 0' $141" .',+ - ' R4 .'03+ 6+ - ' .".' + - ' 0R0" +8' 155 4+ - '155+9*. 0' 5, 90 06 '
5 .0" 4 . '40' 40 ,* 61*0' 4, 50 .*608 ' 5 16 *+8' 0/51 6.6 8' 3+.0' 516+0 +*6' 06' ""1' * '
,07 1 ' *' .50 1 0 - ' . ,0 .' 0' 0, 5 +*6' .561' 0+' 40 , 61' 155 41 ' 5 14+4.0' - + '
* 6"3*08 ' 5 .0, 5+0' $. **1* , ' - " 6 8' 150 . '3+ ' ".21 ' . ,' 61"0 .*6 .0' . "+06+8' 4 0 - '
<14 ' *150 0' . 4++8' 01*6 *+.2.6' *60 0.' ,R0 +8' . ,0 - ' 61 - 0*6 8' * # # '
3+14' ,+ - ' - *+8' 0/' :160' +,,040 06' 3+14' * + ' 0 0' 0' - .60 .' ,1* 6 +4 '50 1 . 0* '
6+ ' 516 +8' ." 3+ 2+8' " , 8' 3+. - '61 - 0*61 + - ' : ' 60 *0 0*6+ ' 40 - ' *,0*4 '0' "1* '
9 *3+1' 0R0 6.*4 ' . 6 , + - '3+1' .*60' 2 0** + - ' 090 - ' * 5 - . 6 - .' E04.*0* '
6+ - '0/+ 0*4.' + + - '4 / - +8 ' 6+*,'06' 090' .+41 0' * 6 - 6+*.'0 6 j 04' *1*' 0140 - ' +, '
0 + ' *. - ' 6 50 1 ' - + 1 + - '5. 8' 6.*6+ - '.'9"32 8' 9* 8' * 0 6.2.6+ ' ' * 0 1 '3+.0'
.' ," ;1' 5 1 - *0*6' 40 0*402.6+ ' 4+8' 0', . 6 8 09 8 - +"61' * 0 1 2+8' 4 0418' .* '
902.68 ' 6.' +6' 9"12 ' 9* 6 ' 3+. ' 2A1' . , , 50 0*6+ ' 4' 7.0, ' =057; 1' ".*60 ' 0 J+ 68'
,15 1" 8' - 2 2+8 ' *,0*4 ' - *1 ' : 8' 0 .6' '06' $1"16. '+2 3+0' 5 +8' 504 6' : .41 +8' : /'
.2' 03+ 60' 6 .*< * 6 ' 5160 .6' .3+. + - ' *6+ - 0 ,0*6 + - ' : ' 4 8<04 8' 5. " - ' 51*6 2+8 '
5 .06, ' +* ,+ .' .' A1.**0' 1 70 - .' +2 6. 1' 150 0' 0' +2" , 8' 06' 6 .2 2+8' 050 6 8'
,1* " + + - '3+ ' - 1".6 *.12<04..2' * 0 6.'61 - 0*61 + - '0/' . ,0' 4 "1 1 + - ' +" '
- 1.6 1*0' 40 0*402.6+ ' 6.3+0' 6.*40 - ' - .*+' 0 - ' 90 ' 151 6+ 6' 71 6.*6,' A6+18'
0R0 61' : 1' - 5 9 1 ' +6' *' ," :+ - '0* / ' *,0*4 + - ' *' - +* 6 1*08' 0<.,+". 0*6+ ' 06'
- 4. - 0*6.' - + 4 + - ' 3+.0' 61 - 0* 8' 506' *1*' 5160 .*6' 0/+ 0 0*6' 3+14' ,+ - '
+ - - .' .".0 R.60' $1"1*2 + - ' 06 67+ - 5 + - ',0 6.6 - ' 0 0 ' *1*' - *1 0' 6+4 1' 12 '
"0 "2 - - ' *' 40 0*40*4.' . ,0' 0 602.6+ ' 2 ' ., 60 '06' 12 6 *.60' *' 0<.,+".*41' 06'
0 6 *9+0*41' *,0*4 , ' .2' +6 .3+0' 5. 60' ,0 6.6+ - ' .4<+:.*60' 12 0 1 + - ' : 6+60 - '
5"+: 1 .' - ./ - 0' 6+* ,'60 - 50 .60 ' 3+14' "" ' *' +50 6 6 1*0 - ' :0 602.*6' 3+. '5 .0 '
0*8' 018' + 4,*'6+0 06+ ' , 40 .6+8' *' 0.' 155+9*.6 1*0' 0/' $1"1* 8' ,7.0" P&. '
4. +8 +*9. 1 + - '5 .0 04 - '71 - 1 6 0*++8 ' 0,' - 2 + - ' 1".' *' 155+9*.6 1* 2+8'
*,1 - - 14R.8' 0*6 02 - ' 04' 06' *' .**1*.0' 0' "1*9 *3+1' ,1 - 51 6.6 1*0' - ./ - 0 '
, <+8' .*9+ 6 .'<. - 5 40 - ' *' ,/0 ,R+' ".24 .2.6+ ' . - ',1 +56 8 .401' 6 0 2+8?<+ '
- 0* - ' : /' "+61 ,'0/4 , * 0' 5160 .*6' ,6' 5"0 + - 3+,' ".21 ' - - 1 02.*6+ ' 06' 1 0 '
*' 5 .0 4 8' : , * 8' 4 51 6' 5.2+".6 1*08' .,' + - 0*6.6 1*08' * 0 6.8' 04402.*6' 6.' +6'
5"0 3+0' 03 1 + - ' 6" 2668' ;0", ' ,190 0*6+ ' *' 7.,' 0 + - ' 1 - * + - ' 4 ,+"6'.60'
- - .'6. - 07' 2,"".61 + *' 0 .6' ."., 6.8' ' 5 .0 0 6 - ' $.**1* ,1 + - ' 3+ 2+8' 0R0 +8'
." 13+ ' *.6+ .' - 20, "+8' < 31' ,/0 - 5 1' 5 .00 .6' . - ' ""0' %0 - 50 ' .5+4' 61 - 0*6.'
0 0' 2 ' , 2 - ' + - 0 0' 2 ' 3+ 0 00 0' 06' - 04 .' *60 ' 50 ,+".' 3+. ' 0,+ +8' . 4+0'
:0 . ' 0' .4' ,1*, " + - ' .' 090' 0 .6. ' - +R 8' 5".,02.6' +6' ,1 1*.' .4.' 1 - * 2+8'
0/'5. 6 2+8+* :0 '0/0 , 6+8' - *4 8': 2.8455) 9*.6 16,*6. 06+ ' :0 + - ' 0/' ,1*6 .'
4R02.6' ' 3+14' :0 0 06 ' ' 4' 6+ 6 .' + 6 056+ - ' 0 "06' *' 3+1' ,+*4 ' 50 - '0/6 0 - . - '
51*0 0*2')6'6.*3+. - '1 - * '0/7.+ 6.' : ' .051 0*6 . ' * 7 "5 .060 '4 ,0 " - ' 0" 3++ - '
51 60.' : 40 06+ '6 R.3+0< '5 +8' 1 - * .'60*6 4.' .6+8' '+ +8' 40"0418 '06' *' 7 8' +*9. 18'
5 .0, 5+0' 71 6.6+ ' - ./ . 8' 5 .0 - 8' 5 151 6 R ' +6' - + 18' .4' 9*0 - ' . - R60*4+6 -
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,+6ˢ .*60ˢ +2,.*6< *03+0ˢ5 +8ˢ 0ˢ 0, 5 .*6ˢ 3+.-ˢ *,0*4 +*6ˢ 9* 8ˢ ,1*, 50 06ˢ ˢ
6.ˢ - "08ˢ - .9*1ˢ. 41 0ˢ%+2ˢ * 10* .ˢ. , 8ˢ6.04.8ˢ3+.03+0ˢ *ˢ018ˢ+ +8ˢ<. -ˢ .*60ˢ5 .05.ˢ ˢ !ˢ
.6.ˢ0 .*6ˢ ." .ˢ5 .0ˢ 0ˢ 0 0*8ˢ +,,04 6ˢ ,1 - -14+ -3+0ˢ .,, 4 6ˢ +6ˢ3+. ˢ *," *.6.ˢ
1 6+*. ˢ5"+: .0ˢ +2ˢ 4ˢ - 1 - 0*6+ -ˢ 0- 660 0*6< 3+1 .4+ - ˢ+6ˢ 9* 8ˢ +*4. - 0*6 8ˢ
"".6+8ˢ - + 1 + -ˢ * 0 +8ˢ". - 8ˢ - 1/ˢ,1 5+0 6ˢ< 3+14ˢ"1*90ˢ".603+0ˢ. - 5"0/+8ˢ616+ -ˢ
,+ -ˢ4 0 -ˢ ,+ -ˢ ""+4ˢ405. ,0 06+ ˢ 6+ 6 .3+0ˢ12 0 ˢ 0 6 *9+0 0ˢ,1*.6ˢ0 0*6ˢ<. -ˢ ,ˢ
.ˢ + - *0ˢ40 0 0ˢ,0 *0*608ˢ40ˢ404 6 1*0ˢ.90 0ˢ,1050 +*6?ˢ 0/ˢ:0 1ˢ3+ˢ - 06+0 06ˢ
*0ˢ *,0*4 1ˢ5. " -ˢ0/, 6.61ˢ06ˢ"1*90ˢ ,1""+,0*60 ˢ73 608ˢ 3+ˢ $"0 ,1: . -ˢ ,+ -ˢ
- .9* 8ˢ,15 8ˢ:0*0 .*6ˢ3+1 + -ˢ06ˢ5. 60 - ˢ4+, 2+8ˢ 1 "2ˢ (0 *1ˢ06ˢ%70141 1ˢ,ˢ(,#
0 - 061ˢ ˢ(1,1". -ˢ5 ., - 0 .*6ˢ *,0*4 ˢ"+,0ˢ - 1* 6ˢ .+/ "1ˢ".21 .*6 2+8ˢ.,,+ ?ˢ
/0 0*6ˢ1 - *0 8ˢ,15 .8ˢ *ˢ., 0 -ˢ * 6 +ˢ06ˢ0/6 .ˢ,. 6 .ˢ *ˢ,. - 51ˢ +2ˢ 69* 8ˢ,1*" 60 0ˢ
<+206ˢ 5 0ˢ.2ˢ0.ˢ5. 60ˢ3+.ˢ(1,1". -ˢ 6+ ˢ,+ -ˢ.+" ,1ˢ1 - *ˢ,1 - 6.6+ˢ$1"16. -ˢ6 .* ˢ
- 66 6ˢ 0" 41ˢ.4ˢ:.""+ -ˢ 0 :.*4+ -ˢ 41*01ˢ - "6+ -ˢ*+*.0 1ˢ *60 -ˢ40,0 *ˢ0/ˢ
- + 8ˢ 0ˢ40<, +*6ˢ40ˢ404 6 1*0ˢ0+ -ˢ 090ˢ .4+ ˢ3+18ˢ$.**1* ˢ3+ˢ 50 -ˢ6. -ˢ
15 - .0ˢ5 .04.0ˢ<. -ˢ .* - 1ˢ40:1 .:0 .*6ˢ :0 6ˢ*0ˢ616ˢ".21 + -ˢ5 .0 - +*"ˢ 2ˢ50"ˢ
404 6 1*0 -ˢ0 50 06+ ˢ6.*3) . -ˢ6 .*8 +9.8ˢ6 +, 4.*6ˢ+6ˢ,060 18ˢ.ˢ404 6 1*0ˢ4060 ?ˢ
, 0*6ˢ' ,6ˢ ,+ -ˢ5 1560ˢ *,0*4 + -ˢ *ˢ + *. -ˢ. 00* +8ˢ 50 ,+"1 +8ˢ : 40 06+ ˢ ˢ
, . 6 *+ .ˢ4 0 -ˢ155+9*.6 1*0ˢ4 ".6.ˢ $.**1* ˢ6. - 0*ˢ5 .04.0ˢ.: 4ˢ *<+ +ˢ4+, " -ˢ
50ˢ - 04 .8ˢ ". - - .8ˢ + - 5+*6ˢ06ˢ 0- . - 2+ 6ˢ *ˢ. 00 -ˢ0:.4+*6ˢ &0 + -ˢ.ˢ 1", 8ˢ
3+ˢ 1"%.*ˢ *6 .ˢ51 - 1, + -ˢ4+/0 .*6ˢ06ˢ61 - 0*6.ˢ.4ˢ".60 .ˢ4 "51 +0 .*6ˢ 05+" ˢ06ˢ
3+.*3+. -ˢ $1"1* 8ˢ ." 3+16ˢ +,,040*6 2+8ˢ 51 6 0 - 1ˢ,+ -ˢ4. - *1ˢ406+ 2.6ˢ +*6ˢˢ
3+.*6+ - : 8ˢ 0/ˢ3+ˢ,+ -ˢ (. - 1 0 1ˢ6+*,ˢ0/6 0 - + -ˢ: 6.0ˢ50 ,+"+ -ˢ.4 : 6ˢ1 - *0 .ˢ
150 . -ˢ4. 06ˢ+6ˢ$.**1* 1 + -ˢ60 - 0 6.60ˢ,1056+8ˢ - 1 - 8ˢ - *1 0ˢ,+ -ˢ4. - *1ˢ * ˢ
06+ ˢ 8ˢ +50 :0* 0*60ˢ 090ˢ6.*40 -ˢ+55 0 +8ˢ< 04ˢ * 9*ˢ.* - 1 + -ˢ01* 0 1*0ˢ
,+ -ˢ 1 0ˢ710ˢ +,,0"%+ˢ0".6 ˢ 56 6 *18ˢ.* - 18ˢ 0 +*.0*608ˢ 5.6 1ˢ3+14ˢ 9* 8ˢ .2ˢ
+ - 5 0 .6ˢ - +* 61ˢ06ˢ".60 2+8ˢ5 15+9*.,+"1 + -ˢ,1*<+74 8ˢ 0ˢ + +8ˢ.4ˢ40 0* 4?ˢ
*, -ˢ5. . 0*6ˢ$1"1*ˢ." ˢ *ˢ."18ˢ,+"5. -ˢ 0<, 0*608ˢ - +6..0ˢ4 %0* 1*ˢ5 15 1 0(ˢ
3+. -ˢ155+9*.6 1*ˢ: 40 0*6+ ˢ $.**1* 1 + -ˢ6.*40 -ˢ: 6+60ˢ3+5 + -ˢ0+"5.ˢ0. +8ˢ
60 :0, .6ˢ4. - *+ -ˢ . , 6+ - ˢ3+ˢ5. 60 -ˢ - 1*6 8ˢ3+0 *ˢ 1 0ˢ *60 -ˢ * 040 .*6ˢ
- 506+ˢ,.5 +*6ˢ .2ˢ0.3+0ˢ40 *40ˢ3+0 - .4 - 14+ -ˢ<+ ˢ0 .*6ˢ 0,+*4+ -ˢ5 1/ - + -ˢ
".6+8ˢ - +* 6 1*08ˢ5 1 0 +*6ˢ $06 1ˢ ., 1ˢ*12 "ˢ +*9. 1ˢ + 8ˢ5 .00+*60ˢ'3+1ˢ4+,0ˢ
ˢ5 15+9.,+"+ - ˢ *ˢ3+14ˢ5 - + -ˢ *,+ 0 .*6ˢ - " 8ˢ 9*0 -ˢ *< 0 +*3ˢ3+ 616.ˢ
*140ˢ9 . ".6+8ˢ0 6ˢ .*0ˢ,+ -ˢ*1*ˢ 1"+ -ˢ".60 .ˢ.*60. *609 .ˢ*+4.6.ˢ 04ˢ06ˢ - +* ˢ
6 1*,8ˢ *6+8ˢ4+4.0ˢ.4ˢ61 - 0*61 + -ˢ 4+8ˢ5.60 0*6ˢ 6.ˢ+6ˢ40 0*ˢ1 08ˢ *ˢ 8ˢ. - 5 +(ˢ
,1* 6 6, 0ˢ*1*ˢ51 "0*6ˢ6.*40 -ˢ50ˢ"09.608ˢ404 6 1ˢ 6ˢ ˢS."ˢ 4ˢ *ˢ7.8ˢ"0908ˢ +6ˢ
: 6.ˢ .":.ˢ,+ -ˢ *9+" 8ˢ:0 6 - 0*6 8ˢ - "608ˢ4 - 660 0*6+ ˢ 04 6 1*0 -ˢ4 %+. 0 +*6ˢ
;5 .*+8ˢ05 015+8ˢ,6ˢ$.".6 *ˢ - .9 8ˢ 0:0 6.60 -ˢ5 *, 5 8ˢ +ˢ:0 6ˢ3+. -ˢ$1"1ˢ
*1 + -ˢ - ,6+ˢ12 - .6 8ˢ.4ˢ * 9*0ˢ., *+8.* - 8ˢ<3+ 550ˢ9*0 -ˢ5+":0 ˢ61 - 0*6. 1ˢ
+2<,, ,ˢ,1 - - +* 3+0ˢ *,0*4 1ˢ. 00 -ˢ 03+0ˢ1 - *0 8ˢ3+ˢ *ˢ.6,0ˢ0 .*6ˢ.2 + - 0 ˢ
,1*.6 ˢ .ˢ - "60ˢ5 17 2 60ˢ +0 +*6< 06ˢ.4ˢ0/6 0 - + - ˢ,+ -ˢ *ˢ404 6 1*0 -ˢ,1* 0*6 0ˢ
*1""0*6ˢ.4ˢ 4!ˢ(157 .0ˢ 0ˢ,1""090 +*6ˢ*1*ˢ5 +8ˢ3+. -ˢ *40ˢ: ˢ.2 6 .70 0*6+ ˢ4 ˢ
,0 "+ ˢ 0/ˢ ,60*6 8ˢ"09.6 8ˢ - 66 6ˢ3+ˢ05 015+ -ˢ06ˢ$.".6 *08ˢ.4ˢ ,ˢ.44+,0 0*6ˢ
3+ ˢ+2ˢ +ˢ,1* 504+ -ˢ:0*0 +*6ˢ *ˢ., 0 -ˢ5 1, 407608ˢ 71 ,5.6 1ˢ 090 -ˢ ."+6.*6ˢ<
,6ˢ - 1/ˢ .+ 0*6 1ˢĎh 1 * .0ˢ 67+.* .0ˢ3+.0 61 ˢ,+ 614 0*4ˢ6 .4+76+ ˢ "ˢ40 *ˢ
4,"04 ˢ0/ˢ +*9. 8ˢ.ˢ$1"1* 8ˢ3+ˢ. 00 -ˢ.,, 5 .*6ˢ 3+. -ˢ51 6 4 0ˢ5, ˢ9 .60 8ˢ
01ˢ5+2" ,0ˢ.4.8ˢ 0/ˢ3+1ˢ - *+8ˢ *9 04ˢ51 06ˢ 2061 0ˢ,.4.:0 + -ˢ *ˢ0.ˢ<.,0*6 + -ˢ
5 17 2 6+8ˢ + 6ˢ<3+ 2+8ˢ5+ 9. ˢ,. -ˢ.*60ˢ1 - * .ˢ151 6+ ˢ *60ˢ ".ˢ 050 6.ˢ+*+ -ˢ
,6ˢ."6, + -ˢE0 - .*1 + -ˢ,1 51 .ˢ6 .4 6ˢ 0 1"4+8ˢ 0 4,* 60* +8ˢ3+ˢ7.8ˢ 08ˢ.,,+ . ˢ
.6 "" - 0ˢ40 0 5 6ˢ3+18ˢ, + 0ˢ60*+8ˢ"0206ˢ - 51 618ˢ 9*0ˢ, + - <,4 1ˢ.3+. 0 :0*6ˢ

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' : : 8,1/0 .*6 - .* 2+ 3+0 01 + - +*0 50 ". ,0 618 6 .<0 61 . 60 91 0: *4 8 :0*6 , -
' # 616+ - 3+0 ,1 5+8 - 0 1 + - 71 - *+ - , 02 8 * "1*9+ - 50 4 .4 8 :+"*0 2+8 .4
, " 671 ., 8 - 14+ - 104 " - 0 ".* .:0 .*6 G+. 0 ,+ - .4 +"6 1*0 - 0 - 0 06
- "08 0/ 6. - 0* 40 - 0 - 0 4.6. - *+"". .6 1*0 : 1".*4. - .6+8 404 6 6 8 : 6. -
*,1"+ - 0 - 0 :.: 6 156 1*0 40".6. ,6 4+5" , . 9*.65 "1,1 * 3+1 + - ."60 + -
3+ * 09 8 4 6 1*0 - ., 40 - :0* 0 * ."60 + - 3+ * 1 ,1: . - 04 0 :0""0*
,1*,0402.*6 +6 3+0 60 - 5160 6.60 .4. +6 40 0 ,1 - - 14 3+0 + 8 ., .,+"6.6 2+8
" 20 0 6.6+0 0*6 $.+, 6. - 0* - .*0 0 .5+4 090 - :1"+0 +*6 .<1 5. 8 04 6+ -
*5.6 . - 06 .4 5 *, 50 - ++ - 0" 902.6 * "9* * +6 + - 3+0 40 ., 50 0:0 .*6 .
,+ - *0 - 1 01 + - 0 06 3+ *1* .4 ,0 6 " - . - *0,0 - 06 0/3+ 618 , +, .6+8 5 1
, , 0 0/ 6 - . 06 %. - 0* 8 9 ,+8 5 0 , 6 < 0+ 3+14 0/6 0 - . *0,0 " 6.60 .4.418
404 6 1*0 - 0, 0 , 040 06 0+ 3+,14 .4:0 8 02+8 +6 4, .* - 1 6. 40 ,:0 6.60
0 - 0 .6 01 3+0 50 : , *. 5 .0 4 .# +R18 (.:1"1, . -) : .6. - 06 0:0". -
4 6 2+0 0 .6 8 7.2+ 6 +2 $1"16 .0 404 6.0 9*1 - * . - : 6+60 40A0 0*6 $ 406
0 :.6.0 067+ - .* 6.6 8 ., ,"0 - 0*6 .0 - .9*. - *0. 0/5+9*.6 1*0 ".+40 - .5+4 71 60 8
- 0 + 6 (6057.*+8 3+1 - .9 8 9*16.0 0.0 : 6+608 *60 1 ,18 4+ "" - . , : 6+60
155 0 18 ,1* 5 , +*6+ 01 - .9 8 "".8 * 090 71 60 .4 - .*60 8 Z . - . *
. ,0 050 6. 5 .04. 3+.0 0 0 - " 6 ,0 " 6 0/,056. 2 2" 1670, . " 2 8 0/) .0, . *
(".: ,. - " *9+. - . 06714 1 06 1* 6.*6 *1 0 + "2 - - .**."08 0* * ,1*
:0 8 * +4 - . 0 4141 2+8 0 0 E ., , 8 1 8 0 6 .5+4 018 +6 . ,0 41608 *1*
0/ *90* 1 5+2" ,0 515+"+ - .4"13+.*6+ 04 ,1 , 1*,8 0/ 5.6 2+8 E .0, 8 0/ 0 5 1
" *9+. 515+". 0 0, 60*6 0+ 3+14 71 - *08 *+"" 8 " 6, 8 0 +4 6 5 15 1 *90* 1
- *+8 ,1* 4.*6 0+ *0 5 1 *90* 7+ - .*0 ,+ 1 6.60 +4 1 *1:. *:0* 0*4 .2
.*6 3+ 6.60 ., :0 6.60 0,04.6+ 44+*6 06 *0 ,1*, 1*.61 2+8 .,+"6.60 515+"+ -
5 1 . 2 6 1 .""13+0*4 .4. * 5 *, 50 - 06 - .9 6 .6+8 4 ,0*4 3+14 50 * , 1
- 1 0/0 - 5"1 .5+4 *18 *:."+ 6 " 20 6.8 ,1*,0" . : 40.6+ .56. $1"16 . 0/
.4 08 5 1: *, .0 6.2 0*4.8 *60*6+8 . 0" 9 1*0 5 *, 5 + - 0, 6 06 60 - 5"+ - *
. ,0 .6 8 . - 5"+ - 06 5 1 "1, , .56+ - .9* ,0 ".5 40 0/ 6 +4+ - 3+14 . E .0, 6+8
71 - * 2+8 60*02.6+ - .9*. 06 4 +6+ *.0 51 0 1* 8 5 .0 0 56 1*0 0 6+0*6 2+8
,<+ i 0 - 5 2 0 1* 8 05 0151 + 62 3+ .*60 <. - 60 - 5 0 "" +8 6 6+"+6* $h 605 , . ,
5 0 .90*8 + + 5.2.6 50 - 68 0. - ./ - 0 .6 1*0 3+14 ,+ - "1*9 +8 .41 - 1 20"
<"+ - * 1 ,1: . - * 0 0 ,19 6. 06 *60"" 90 063+0 3+.*6+ - .4 .* - 18 * 1 - *0 8
5. 608 50 - 1:0*418 0" 9 1 - 1 - 0*6+ - 7.20 06 :0 02.6+ 5 +40*6 " - +8 5 *,058
0 1 0 0" 9 1 8 . - 1 0 0. * 0" *3+0*4. - 0/ 6 - . 0*6 . 404 6 1* 2+8 .2 60 0
0*6+6 ., 1 - .*.0 0,,"0 ., ,+"61 2+8 *1:+ - .66 2+ 6 . 9*.6 8 51 %0 1* 2+8
06 2, 06.6 8 A0 + .,0 416 2+8 3+ 2+8 - 50* 0 .:02.6 0<+8 ,+ . - , 04 4 6 3+1 + -
150 . - +"6. * 0" 9 1*0 ,6 * 1 2+8 3+.0 .2 8 515+" 8 .:0 * 6 +4 8 50, , .2.*
6+ 0 - 0*4.6+ + - 0 50 .2.6 * 5 - 8 .4 5 17 20*4.8 :.9.8 " 2 4 *08 3+. + -
06 . - *60 + 6 ,18 " ,0*6 . *:."+0 .6 $1 60. - +* 6 1*08 .4 155+9*.6<1*0 - .4 .8
4 - 1" .8 ,1 - 5"0 - + 1 + - 40<04. - 5. 60 - * 6.+ . <+ 6 50,+* . * 4 .
9*.6. %+ * 5 .0 0418 40 9*.6 ., 51 6 0 - 1 $.".6 *.6+ - $1"16 .0 0 6 6+ 6 ,+ -
." 3+.*61 60 - 51 0 .*60 , .56. *0. * . 1 0 8 6.*6+ - . "09.6 8 09 8 ,+6 S 1: .
090 06+

& 02+8 1 4 *.6 8 ,+ - 0/0 , 6+8 09 +8 71 60 - 5 1 60 - 51 0 1 8 *1* 7.B
20 06 *60 , - +6+. 50 * , 0 5.0*0 ,1*,+ 6 .63+0 .?<+ 9 8 *60 $1"1*18 .,
$.**1* 18 1 8 3+14 "" .2 7 8 0 ,1*60 - * 3+, , 0*6+ 08 .4 . - . 40:0* /.
41*.6 :0 . 090 ,1 - 5 0 ". "1*90 50 * , 1 1 08 - +"6.6,8 *60 4+,08 5 28 0/. 0
+*6 . - 06 2 ,"06 +8 $1"1*+8 06 " ,+ - , Ú .40: "" 1 67+.*1 . 4 6 - .
*0,0 " 6+4 *0

%' $? C " / 6] # 1 %] ; 63 $.#)3 Ú # 3 63 $
B " # 6 5

*0,0 " 6+4 *0,1*<+* 6+8 0/ˢ,1 - - +* 1*0 - +*0 8*1** 7 "." 0*.6 1* 8,1*6 ./0 .6<ˢ
*60 3+0ˢ 0+*4, -ˢ ,6ˢ (. - 1 , + - ˢ +21 6.0ˢ 06 . - ˢ - +"6.608ˢ E +"6.0ˢ 0 .*6ˢ 3+14ˢ ""0ˢ ' # ˢ !ˢ
*1*ˢ .6 8ˢ .+45 6.60 - ˢ +. - ˢ .2ˢ 71,ˢ<+:. ˢ0/ 6 - . 06ˢ *0,ˢ - *+8 ,/ˢ .0 - +".6 1*0ˢ
0R07ˢ .*902.6+ ˢ ˢ 0"06 +8ˢ .ˢ 3+1ˢ - 50 ˢ - " 6. 8ˢ - .<0 ".60 - ˢ 2ˢ ,1 - - ". - ˢ
- - *+ ˢ - 1"0 60ˢ 0 02.6ˢ A(.6+8ˢ 8ˢ *ˢ % .* ":.* .ˢ .,ˢ *ˢ . - " .ˢU$06 2: , ˢ5 1ˢ
: *4.0ˢ ,9+"ˢ04+,.6+8ˢ.4+"6.ˢ.0 .60ˢA1.** 8ˢ (9 - +*4 % .* :.* .0ˢ5 *, 5 8ˢ.401ˢ
9 .6 . - ˢ 40 - 0 - 6ˢ +6ˢ ,+ - ˢ *0ˢ 70 040ˢ 40,040 06ˢ ,+66ˢ +,,0 1 0 - ˢ40" 9*. 0ˢ *1*ˢ
4+2 6. 06ˢ :0 + - ˢ .2ˢ 1 4 * 2+8ˢ 5 1: *, .0ˢ ,+ - ˢ (6057.*+8ˢ 0ˢ 5 .0".6+8ˢ + " 06ˢ *40ˢ
14 8ˢ0/1 6 8ˢ 4+ - ˢ 6.6+ - ˢ5+2" ,+ - ˢ6+ 2.6ˢ ,. 60"" 8ˢ ." 3+16ˢ .2ˢ 01ˢ 0/+6+8ˢ .4ˢ ./ - ˢ
" .*+ - ˢ .0 . 0 - ˢ 0ˢ ,1*6+"0 .6ˢ ,1.4 3+0ˢ *ˢ E0 - .* .ˢ ." 3+16ˢ ,15 8ˢ 5 *, 5.6+ - ˢ
: ˢ(6057.*1ˢ0 50 0ˢ ,1*.6+8ˢ +0 .6ˢ ' .ˢ 3+1ˢ 5 1 " 9.6+8ˢ - +8ˢ 0ˢ *ˢ E0 ..* . .ˢ 0,0ˢ
50 .6ˢ $1 60.ˢ ,+ - ˢ(6057.*+ - ˢ.0 - +"+ - ˢ.4ˢ 09*+ - ˢ$1"1* .0ˢ0:04+ - ˢ06ˢ0/6 .ˢ1 - ˢ
*0 - ˢ *: 4 . - ˢ *ˢ ."6 1 0 - ˢ"1,+ - ˢ: 6+60ˢ ,1* ,0*4 0ˢ *60""0/ "06ˢ 51" 6 8ˢ ,+ - ˢ .0 - +B
".6 1*0ˢ14 8ˢ +*+ - ˢ0+ - ˢ ,+<+8ˢ - .9* 6+4 *0 - ˢ.* - ˢ50 504. - ˢ7.202.6ˢ0"09 6ˢ ,+ˢ
06ˢ 0ˢ, 04, ,6ˢ 06ˢ .ˢ3+1ˢ1 *. - 0*6.ˢ1 - * .ˢ06ˢ . - 5" ,.6 1*0 - ˢ 1 6+*.0ˢ0/ 504.*4. - ˢ
2ˢ 6.6+0 ,6ˢ ' 0.3+0ˢ 4+, .ˢ +. - ˢ ""ˢ 40 - ˢ .,ˢ150 . - ˢ406+"0 .6ˢ 0,ˢ :0 1ˢ ""0ˢ 50ˢ
+.ˢ ." +8ˢ 0"7ˢ . - ˢ 0/ˢ 3+ˢ: 6+60 - ˢ 0R0 ˢ: , " - ˢ,19* 6. - ˢ7.20 06ˢ *1*ˢ - 141ˢ
1 - *0 - ˢ0 9.ˢ 5 + - ˢ1 J0* 1*0 - ˢ0/ˢ .* - 1ˢ 4051 + 6ˢ 04ˢ 20* 9*,ˢ + ,056+ - ˢ15 2+8ˢ
.,ˢ4 9* 6.60ˢ ,+ - +".: 6ˢ 3+14ˢ *4 9*0ˢ 0 02.*6ˢ $1 1*ˢ<ˢ 3+18ˢ 50 16"+ - ˢ6+ - +"6+.*ˢ
60 8ˢ +6ˢ *,916 1ˢ *ˢ1 , 1ˢ ,1*6 *0 06ˢ 0/ˢ .4ˢ ,. 60"".ˢ: , *.ˢ3+.0ˢ .47+,ˢ71 6 + - ˢ5 .0ˢ
4 8ˢ 60*02.*6+ ˢ 0, 5 0*4.ˢ - 66 6ˢ 0"06 +8ˢ $1 1*1ˢ 06ˢ E0 - .71ˢ 504 6.6+ˢ . ˢ
+ - 561ˢ I (1,1". - ˢ4+,Rˢ U%+ 1 " . - ˢ ,+ - ˢ . 6 *+8 E+ 6 +8ˢ ,+ - ˢ 1 .,1 + - ˢ
- .*+ˢ06ˢ 1* 6.*6 *1ˢ(ˢ +,1 - 5 , 1ˢ5060 06ˢ5 .0" 4 . ˢ 0 6 *41ˢ $1"16 .0ˢ *,074 1ˢ
. ,, - ˢ 4,4 6. - ˢ ,1*<04.*608ˢ "1,+ - ˢ *<+ "+ˢ 4+ + - ˢ 40 0 +*6ˢ (+ . - ˢ .4ˢ 5 .0 0*8ˢ
1 - 66ˢ5".,+ 6<61 - 0*6 8ˢ 50 ˢ +*. - ˢ .4ˢ . - ˢ,19*1 - *0 - ˢ "+: 1ˢ. ,0 - ˢ40:04 8ˢ
*4,3+0ˢ <+ - 0*61 + - ˢ 150ˢ (1,1". - ˢ 404+4 8ˢ 51*60ˢ ,1".ˢR & 1:0, ˢ *4+ 6 .ˢ
".0ˢ - 51 61ˢ 0/0 , 6+8ˢ .ˢ 0"06 1ˢ 6 .4+, 6+*ˢ 140 - ˢ 60 - 51 0ˢ A1ˢ ˢ (2. . +8ˢ
$.".6 *+8ˢ . ".: 0* 8ˢ ,+ - ˢ5. 60ˢ03+ 6.6+8ˢ "+ - 0*ˢ6 .*.6ˢ06ˢ$"0 ,1: . - ˢ:0 +8ˢ *ˢ0/ ˢ
,+2 8ˢ ,1* 406ˢ +6ˢ 1 , ˢ " .,ˢ0/,+ 0*6 8ˢ - 506+ - ˢ 0 - 1 . 06+ ˢ 3+ ˢ,1*60*6+8ˢ .4ˢ
60 1 0 - ˢ1 6,*6. 0ˢ4 :0 . + - ˢ*.6 1*+ - ˢ,15 .8ˢ +6ˢ S. .*1 + - ˢ06ˢ 6 .,.*1 + - ˢ*+ˢ
5, ˢ.ˢ ,ˢ +2<+9.61 + - ˢ0."3+0ˢ +1ˢ3+. 3+0ˢ *1 - *0ˢ, 6. 0ˢ *+""+ - ˢ5 .060 0.ˢ150 .4$?
5 06 + - ˢ 0, 6ˢ 60*61 8ˢ 6.*ˢ6+ *ˢ / 8ˢ *1 ˢ06 . - ˢ,. 6 8ˢ - +* 6 8ˢ + - V 12 1" ˢ
"1: +8ˢ 3+ ˢ 0ˢ61 - 0*6. .0ˢ5 .00 .6ˢ6 0 89"1218,.*40760 8 3+1 + - ˢ +5 .ˢ .6 1*0 - ˢ
0/5" ,.: - +8ˢ 50 ,+"ˢ ., 0*4ˢ ,.+ .ˢ0<.,+".6+8ˢ 0 " ,6ˢ0/ˢ7 8ˢ4+1ˢ ,+ - ˢ *,0*4 + - ˢ 0ˢ
, ",*6ˢ .ˢ 1 , 8ˢ +55 0""ˢ +*6ˢ 60 6 +8ˢ - 1ˢ +*4. - ,*61ˢ.47.0"66ˢ3+ˢ*1*ˢ .* - .4ˢ
:, +8ˢ 2.+4ˢ - +"61ˢ51 6ˢ *ˢ - + 1ˢ 0/ˢ .2 060ˢ 06ˢ . 4.ˢ - .60 .ˢ,1* 6 +41ˢ".6 - : - ˢ *B
,0*4 + - ˢ 5. 6ˢ G+1,1* 5041ˢ ,+ - ˢ 0"06 +8ˢ 3+. ˢ.4ˢ - 506+ - ˢ ., 0*4+ - ˢ6+2.ˢ
9*+ - ˢ404 ",6ˢ5.: 4ˢ40 0* 1 08ˢ0+*ˢ 0 6 *9+0 0ˢ *,0*4 + - ˢ*1*ˢ51"%0*6ˢ6.*6+ - ˢ
3+0ˢ 050*6 *ˢ50 ,+"ˢ32< ,0 06+ ˢ4 :0 8ˢ51 6 8ˢ 0ˢ0<, +*6ˢ (0 0 - 06+8ˢ ,+ - ˢ5. 60ˢ
03+ 6.6+8ˢ $"0 ,1: . - ˢ 0ˢ 0, 5 0*8ˢ *ˢ (2. . + - ˢ 1 "%+8ˢ (0 *+8ˢ .2ˢ ."60 .ˢ5. 60ˢ *ˢ
E0 - .*18ˢ *, 4, +*6ˢ (0 *+8ˢ .ˢE0 - .* 8ˢ +"6 1*0ˢ. 40*6 2+8ˢ06ˢ 0,0*6ˢ, +40" 6.6 8ˢ
$1"16 0* 8ˢ0/0 - 5"1ˢ0 0 .6 8ˢ *60 04+8ˢ 0 6ˢ 06ˢ ,+ - ˢ01ˢ *4 0.8$."0, +8ˢ ,7.0ˢ
1ˢ ;,+8ˢ . "+8ˢ :121 , +8ˢ $.".6 *ˢ ,0, 40 0ˢ G+ˢ *ˢ. ,0ˢ 0 - .* 0 .*6ˢ ,+ - ˢ
+55" ,08ˢ: 6. - ˢ 19. 0*6ˢE0 - .*ˢ + - 5+*6ˢ06ˢ,+ - ˢ5 1 - ,+0ˢ ,+*418ˢ,.040 0*6
1 , ˢ40 50 .6.ˢ ."+60ˢ ,.6. .4. - ˢ 0 0. - ˢ 40 - 66+*6ˢ ,1*,"+ 2"3+0ˢ *6 .ˢ. ,0 - ˢ.4ˢ
iˢE0 - .*1 + - ˢ6 +, 4.*6ˢ .*603+. - ǁ 1 4 . 0: +8,6 h 0 +8ˢ 51 6.ˢ0 .4.ˢ + 8
.,,+ 0 ,

%ˢ $ ˢ # ˢ ˢ4 6.'ˢ 2+ ˢ 2 U ˢ ˢN #ˢ &*. $
74 .# ˢ ? &D ˢ > U .#ˢ ˢ+ 00ˢ 4 ˢ ˢ4 U ˢ D U ˢ D4 #
Lˢ50(ˢ $ 6 $ ˢ U " D # U$ ˢ ˢ # 0$

. , , + 0 0 516+ 0 6 . 5.6, . (. E0 . * 3+ . * . 0. 0 0 . , 1 , 8 . + * 6 , 6
' # 12: 18 3+1 3+0 + "" 9 .6 . . . 04+*6N +"6 * 9*0 2 0 5 .0, 5 6. 608 ,1* ".
9 . :0 +*6 (.0: 6+ - 06 * 1, , 18 *60 3+18 1 - 5"0 3+0 a20 1 ,1 51 0 0 "0*6
1, . .0 E0 * . *1 + - .50 6 8 ,1 51 2+8 .4 *16.8 :+"*0 - 2 - 04 , .6 1*08 . , *
7 8 (0 *1 5" .4 50 - 406 . /, + 6 ' 3+14 51 60. 1 ,1 + - 5 *,058 , 56. ,5 "1".
$1"1*1 + - 09 0<85 12 . : 6 $. 6. *90*8 5 .04. * "603+0 0/ 0. 4 6.61 ,R6 +8
.4 090 - ,+ - : 461 0 0/0 , 6+ 04 6 3+ $1"16 . * . - 5 1 04+8 0 6)2 41" 6
1" .6 .0 4+48 06 ,* , 1 4 * 8 %0+61* , - .9 6 "09.608 .+4 618 f "* . - 0
<046 + - * 6 1 09* 0.0 4 ,+"6.608 (605" .*+ - 0/ ,05 "0*6 3+.0 3+1 - *+
* 60 - 51 0 20""1 :1* ,1 5, ,+ 0 06 0. * 5 17 2 6+ .0 : 40 0*6+ .40: "" +8
& "*0* 8 $.".6 *+8 3+ 616 .**18 20""+ - * :1* . - .9*1 + - 56+ ., *0 +""1
+ "+ 90 : 4, 06 41" + - + 0 6. .6 3+ 20*0 4 6 6+"1 0. * . 090 5060 ,6 202
"+ - 3+0 ,1*6 . 1 0+ - + 0056+ + - 0 51" ,0 06+ 7+<+8 .0 - +".6 1*0 A1.**08
4 714R0: , +8 5.+"1 .*60 - 1 6++8 0* ,1 +6 40 - . ,0 06 .+41 +0 .6 3+18
+ - 51 60. 506 6 1*08 0/ ,+ - h . . : .0 * ,1 - 6 8 4 06 0/ 1, , . 1*0 506 6.0 .2
8 .+61.0 * 71, 20""+ - 50,+* .0 0"+ 6 %+*, :061 ,1* 00* 1 * .0 * . : 9 1 0
,+*41 U$+*. "+ - * 8 . - 10* 6.60 40"04 .6+8 +, . - 06 *40 50 . ". : . * 60
0 6 6 *0 0 67+ .* , . - & "* . - :0* 6 ' +2 12: + - 7 .2+ 6 "09.6+ - 51*6 , + -
*4 0. - . " 9. + - ,+ - 5"+ 2+8 0/ *12 " 6.60 : 6.8 & "*0* 8 616. * 9 .6+
".6 1*0 - 0 J+ . 06 ,1 - 51" 6. 1 .6 1*0 ,+ - ,1 *5 0, .6. 0 6 3+14 20* 9* 6.60 *+50
, .56. $1"16 . + 606 +6 018 - .9* . - 1"0 6 . " 20 . 06 40 - - 1/ . - 161. ,0 : , 2+8
+ 8 S.+R0*" .+ 1N .4 5+2" , . - 0,+ 6.60 - - .*4. * 5, ,0 06 $1 "3+ . *
1 0+8 *+*, 6 - 4, , .56. $1"16 . 06 5 .0 4 1 (1,1".0 , .0 1 .045 6 $"0",1: .
B+1:0*0 .6 * *60 1 0 - 1 01: . - ,1*,0 6 4.6 8 .4 (+ .0 5 .4 4 . 18 3+ 2+(
$06 +8 %70141 "+8 1" ,0+8 $.".6 *+8 5 .00 .6 " 60 8 3+ 2+8 018 - 1*02.6 +6
3+ .*41 , .56 8 +*4 3+0 5 .4 4 8 .+/ "1 + - 50 1 - * *60 ,"+" 0 "0*6 * 60 - 51 0
" 2 ,2* +".*6 ,1 - 561 .*60 1 - * * 6 + - 0*61 20"" ,1 06 - .9 * 2+8 ., "., 8 *0
. 2. 2. 1 + - , ,060 18 5 .0 0 7.206 "+4 2 1 12< , .*6+ * 60 . 40 1 " 8 "
,+ - 5"+ 2+8 " 9* , ." 06 +* .0 0/ 8 * 0",6 - .*+8 50 :0*0 +*6 3+ *40 1,
X ." 1*0 , .56. 01 4+, 6 1 0 - 50 .6. 0, , 0 ' : 6.* 3+0 06 " *9+". :0 6 - 0*6. 5 .40
"1,+ - ,+ - 1 - * * 6 + - 0*61 20"" ,1 3+14 +50 0 .6 6 .4 40 +*6 5 4 1* 4
0"06 +8 7 8 .4 8 0/, , 6+ - * 6 0 8 5. 608 4 " 2+6+ - * 7;20 * . 404+, 6 4.61 *0
916 1 1* 6.*6 *1 6 19 .0 4+4 +6 * 71 6 , - ,+ - ," 0*6. 2+8 ,15 8 0/ ,+ 0 06K
3+ V 1 ; 670 0. . 6 .*"9 0 "+8,+ - ,7.0"0 h *1:041 616.1(0:0 0* 4 6 1*0
: . 6.6. 06 .* 515+".6 1 " 2+8 2 (6. 4+2. - ,6 , , - 51 6. 1, . 5."" - * 0 6. : 6
40 - 06 .$7 "1*0 S - 6. .*0*" 5 .0 041%.4 6. + - 3+ 5 .04. *90*6 .2.4.
.4 (- 1"0* ,+ - +"3+0 5 1:04+8 06 4+12+8 5.91 + * - " 2+8 ,0*" 8 5 .060 .9
1"+ - * 7 " 8 * 1, 8 0" 3++ - 0, 6
*60 - 3+ 20""+ - * 03 0*60 - .**+ - 5. . 66 ,+ - & .6 "". : .0 0 "06
& S." 4 ,1 - 6 4 h . . : . - *4 /0 .6 .4 / S." 0, %+ - 3+0 - .9 6 .6+8 .,
4 9* 6.608 3+.0 50 A1. * . 8 714R0: 4 - 1 60 - : . , .2.*6 *60 5 1,0 08 4 6 2+ 6
3 0 .40; "" 1(6" + .*18 5 .0 ,060 8 1 * . : 6 3+14 *1* - 04 1, 0 - "" .5+4
$1"1*18 * : 4 . - ,1* ". : 6 : 90*60 .47+, *60 4+.8 * .6 1*08 3+. - : 8 +2 40 -
- 50 + - 04*<+*4.8 .0 - + .6 1*0 *40 & * . E 14* . - - 1: 6 \3+1 "1,1 :0* .
1* 2+8 ." 3+ .*4 + 0 12",4. : 6 3+. +7 06 5 .060 61 + - ".06 6 . - *1** 7 " 6+
2. : 6 E. 5. 8 0R0" 40 3+1 - 141 4 / 12 6 8 ' 3+ - 1 0*8 +/1 0 - . , 4+18 -
5+20 08 18 09 . , (. - 1 0 1 - +"6+ - ,1 - - 0*4. : 6 % .*40 - .4 ,1 - 6 . :0*6+* <

*
6 % $ V 2 , , # ! 1 "$ $ $ $ 2 a 3 ! / 0 6, $ $ 5 ; 63 $ / 3] 6 2 3 $ 8 ! 4 $ 2 2 %] $ $
* _ !] 6$ D , $$ # $ 4 $ U9 !

' ' ' #'

*' 3+ 2+8' ,+ - ' *,1 - - 14 8' ,* 1* 2+8' , - *.6 1* 8' 50, 0' 0' 4 0 ' 0/' *60" ' 3 3 "
"0/ ",<' 018' 4 "+ ' 3+. - ' 4 - +".6 1*0' : ."0 ,0 0' - ."+ 6' $"0 3+0 ' 3+ 2+8' .+6' 0 J+ .' ' # ' '
09 8' " 20 ." 6.8' *1*' .6 8 ., 02.6' .+6' 3+ ' ,+ - ' 090 - ' + .9 8' <+: "0*6' .2' 01' 71
*1 2+8' *1*' . ," .4' *<6+ . - ' 50 6 *0 0' . 2 6 .2.*6+ ' .+6' 40* 3+0U 0"06 + - (.
- 1 , + - ' 06 .40: ") 18' 1"18' 71*1 2+8' 5. 6 45. 0' *1*' , 0*608 ' *' 01' 09*1' *' 3+1
3+14' 3+ 3+0' 0*6 6' 5. ' " 20 6.60' 4 ,0 0' 5160 6' 1 - * .' 4 4.' .4.3+0' 09 8' 0,+8' *
60 5 06.2.*6+ ' . - ' 06' ,+ - ' * 6 1' 0151" ' *' + " .' 5,1 , ,0 06+ ' 0+ - ' 6.04 1
5 .0 ,*6 + - ' . 51 6.6.' 1 - * ' (9 - +*4' +9+ 6' 9.C.' *' % .* ": .* . - ,19 6. 0' <
40 * ' ,+ - ' P(+ ' 4 0* ' - " 6' .4' ,1*:0* 0*4+ - ' 4 / 06' *1*' 20""+ - ' 0 1' .2' 01
+ , 5 ' ,+ ' 90 0*41' - 5. ' 0 "06' 04' 50,+* 8' ,1"" 90*4 8' 06' *1: 8' 6 2+6 8' ,1"1 0 -
3+., ' . 02.*6' G+ 4. - ' 06' ."6 +8' 5 1:, 6' 09 *.0' .* - + - ' 60*6.:0 .*6' + 5 , 1*0
*@, 6. ' 3+. ' 0/' 0<+8' .06.60 - ' 50 *0*8' 4 :1 6 + - ' - 0 6. 06+ 0.3+0' 40' ,.+ .' $06 + -
' &1" , + - ' 05 ,15+ - ' $"1 ,0* 0 - ' .4' 51*6 ,0 - ' - " 06' 4402.*6' 06' - * - 0' .
6 8 .4+ - ' ,1*4 6 1* 2+8' *' 09*1' *0+*41' .2' 5 1' <+ 0<+ .*41' ,1* - .6 8' 71 - *08
.4:0*6 6 18' .4' 71*1 08' .,' 4 9* 6.608' 5 1:07 ' *0,' *' ., , 5 0*41' *' 40 - ' + ".*4 .,
4+,0' , :.6+ - ' 09* ' ,9 2+8' 5 .0 , 56+ - ' - 14+ - ' G+.0' 1 - * .' 015, 6 *02.*6' +6
*09.61' 6 2+61' 20"" ' 50 03+0*4' ., +"6.8' 09 ' .4 - 0 06+ ' 6.3+0' 6+ 2 4 8' *R 8
5 .0:0 60*4+ - ' .6+8' (. - 1 , +8' 5 - 0' 3+1' .9 ' 40' 05+2" ,.' ,1056+ - ' ,1*" 6 1 + -
4 0' "+,+ ,*6. - ' .4' 1 4 *08' 1 .6 1*, - ' 7 .2+ 6' 3+.' 06' : 41 . - ' 40' 71 60' 5. 6. - ' *
- .<+8' 0/6+" 6' 06' 20"" ' 50 03+0*4 ' .*603+. - ' 1 0+8' : 0 8' 06' .* - 18' ,1"" 9.6' *,
,0 " 6.60 - ' :." 4 8' .6 1* 2+8' .55 12.: 6' 06' +* :0 18' .,' *9+"18' .4' , .5+2" ,.3 ' 6."
*' *0,0 " .60' 1 6 60 ' ,.50 "0*4. - ' 71 6.6+8' 0 6' ' ,1* 4,*6 . - ' 5 1' 1".6 1' *' 5 .0 0*8
.,' 090 - ' 20*0 ,+ - ' *' 51 60 + - ' 9"1 . - ' 5 1' 5 .0 - 1W7.2R+ 18' " 0' .+60*.' 1* *0 8
6.6+, 0' 4020 0' 126 04.6 1* 2+8' .,' 5 .051 60 8' , - 5+2 , . - ' 6+ 2.*4' 6+4+8' 3+.0
: 6+6' .,' 21* 8' . 6 2+8' 4020*6+ ' 5 .0 - .' +2' 21*1' 5 *, 50' 50 . ' *1*' 51 "0' G+14
,/' ,1 - 5 .41' ,+ - ' 090' .' (. - 1 0 1' 4 4+ - ' ,+ - ' ,+*4 ' *60"" 9, 0*6' 5 6 *.' 3+0 0".
+ - ' " 20 6.8' 5.+".6 - ' 0 - 6' 0/' * 7 "1 - *+8' 3+.0' 5+2" ,0' <.4. ' *.+4 :0 .6
4 "+, 0' : 1"+ 6' 06' ,+ - ' 0151" 0* 0 - ' 5 1 04 1*0 - ' 06' (+ 0* 0 - ' 0/504 6 1*0 - ' +6
5", .3+0' ." . ' <. - ' 60 - 5+8' 0 +6. " 06' 06' ,1* 6. 06' 090 - ' - +"6.' 40' 5 :.6 8' ,1 - - 14 8
*' 5+2" ,18' 20"" ' + +8' ,1*6+" "0' * 7 "3+0' 05. .6+ - ' . 05 4 " ,.' *' 71,' 20""1' 7.2+ "0
3+.*6+ - ' .4' - " 6. 8' - 50 ' - - *+6 1*0 - ' 06' 0/60 18' 71*1 2+8' ,+* +".618' 3+14
) ,R0 + - ' 71,' 4 41' *16. ' : 40 06' " 0 .4+ - ' 4/,+ .: 6' +64 ,0 06' 0R0" + .' 5 .
,, ",' 0' +*9. 8' *1*' +6' +.' .+41 6.60' 20"" , . + - ' 3+ 4' , + .' .4 - *' 6 . 06' 04
+6' 4+0"8' $1"1* ' - 50 1' +20 "06' 06' 3+. ' *60 5 06 8' - +*, 0' .5+4' +*9. 18' +*90
06+ ' 0/60 * ' 51 1' - " 6 8' + + - ' 5 .0, 5+0' 504 6 8' .4' 71,' 20""+ - ' + 0' *0,0 ". + - ' <
3+ 550' ,+ - ' 71,' 09*+ - ' 5 .0' ,060 8' 03+ 6.6+ ?' *1*' 5, *40' 504 .6+' : ."0.6' 06' 0
.05 +8' *' 0* .6+' .9 6.6.' 6.*40 - ' 60*+ 0' +6' 0/60 * .01508' .4' 41 - 0 6 ,+ - ' 12+ '
- .*4:6 - 4 , ,' 51 "0*6' *03+0' ,* - ' 0 0 .5 0*6 8' 36614' 0/60 *1 + - ' 5, ,+"1,1*
03+ ' 51 " 8' , : + - ' .*9+ *0' 3+.0 0 0' :0""0' ' 7 .,' .6 1*0' - . / - .' - 50 .' ,1."+ "0
71,' 5 1' *' %09*1' - +"6.8' 5 - . .8' . - " .8' 0' 60 - 51 0' * *+. 0' *60 ' ." .8' ,". "
- . - ' U%. *1: 1 + - ' 41 - + - ' .4' 0/60 18' 1 9 *0 - ' +. - ' 0 0 0' G+ 2+8' :0 2 8' ,1 -
5 0 6.' - + - + .' "0*6 + - 3+0' 0.' 40' 0' *' 51 60 + - ' + 6' ,+ - ' *0 - 1' 0 06' 3+ 504 60 -
0/60 *+ - ' *0,0 ". + - ' *09. 06' 0' + ".*4 .,' 60 - ' 4+,0' 1 60* + - ' 3+14' .4 + -
0 "06' * 7 " .' "09 2+8' 06' - .<1 + - ' 0/0 - 5" 8' ." 0*+ - ' 0 "0' $+ 9.6' 06' ,1 . - ' 40$"1,0* 8
,5 015 ' "09.6 1*0' * 6 ' 06' .4' *: 4 . - ' ,1 - 51 6' + - 1 08' 6.3+0' *+) 1' 05+9
* .*6, ' 6 2+6+ - ' 46+ - ' 0 6' ,".+ +". ' *0' .+41 6.8' 5 .0", 20 06+ ' .4<04. ' .6' 0/' 50
"09.608' 20""+ - ' .4 - * 6 . 06' 3+14' *4 9*+ - ' - .9* 6+4 *0' .* - ' +.' <+4 ,.*8' *1*
1"+ - ' 2 ' 40,1 + - ' +6' 5 0' 20""1' *60 0 06' 04' 06 . - ' .4' ., ,0*40*418' 616' *.6 1*+ -
.* - 18 ' .0 - +".6 1*08' 61""0*4.8' 06' 4 " 4 .' 4+,+ - ' ,1 - 51*0*4.' *0,0 ". + - ' .+"6 8
.6 1* 2+8
' % ' ' ' $' ' ? 3 63 $ JC "#2 3 ' - ')3 ' #, * ' ' ; $' ?. ! "2

q_i' K .' C' G' -'

' .6 1* 2+8' 40 - 2* 6 .: 6' ' (+2' 0/ 6+ -' ,2 - 6 1 + -' 40' ,0 4.' ,.56.' ."".6+ *' 04
' # ' "' 5 140*60' D 1 %1* 1' 3+14. .' *1*' ,1 51 0' 1"+ -' 04' .* - 1' 06 . -' +5 .' . , 6, -'
:."0*60' 3+ ' ,.56.' 1" -' $1"16 .' ,+ -' 0" 3+ 8' 155 4.* 8' *' 1 ,1: . -' 4051 6.6+8'
4, *' ,+ -' . - 1 02' 45 - *' 5 6 *' 0/+ 0' 5+6. 06+ ' 5.6 8' 04 2+8' ,+ *' " 8' 0 6 '
6+6+8' .+".,' 40' + 20' .' 090' 0,056.' *60""0/ 6' 3+1 - 141' ,+ -' ." 3+1' 150 .0' 5 06 1'
.4' 5 +8' - 50 + -' 04 06' ,19 6. 0' ,105 6' ' ' 1 ., 3+0' $1"16 0* 2+8' .+ 61 ' + '
+6' .4' "1,+ -' 50 046 8' *1*4+ -' - +* 6 1* 2+8' 402 "0 - ' 01' , 6 .' *0916 + -' 516 6+ '
.,,040 0*6' 06' 5 1 - ""8' 0:0*6+8' 0 51*4 6' 6' 1 1* +8' 3+' * 7 "1 - *+8' *60 '
1 ,18' 1 6+ 6+ -' 1 .,1 + -' .4:0*6+*' ,/ 6 - .*60 8' - 5+*0' :0 . ,6+ ' 40' (.:1 '
"1, .' 0.40 -' .6 1<<05,,+5.*4.',+ -' 40 - ' 1 ., 8' .90 0' :1"+ 6' 04' 0' 40604.' *0,'
+,,0"%+8' 5. ' + 6' 06' 5 0' * - .0' .5+4' 71 60 8' - 1 .0' 510*.8' "+ 6' ,+ -' 4+12+8' " 8' *'
,. 60" ' ,1* 50 "+' 5."5' + /+8 ?

' - ' 7.0,' 3+ 40 -' *' 1 0*60' .,' 0560*6 1*0' 4+ -' 90 +*6+ ' 08' 2.+4' 5.+"1'
3+ 06 1 08' .4' 5,, 40*60 - ' 0 .*6' + 5,* 8 *' 5.* .' .,' : , * 8' 5 1: *, 8' 4,' 09*1'
+ 6.*1' *' . - " . -' 0/60 *. -' 2 0: ' 6 .*8 0 0*41' .* - 8' 1 - 6 8' .4' S." ' 5 "'
4 4 8' 0/' 0 ,+8' ,. 4 *." 8' 7.2 6+' ,6' 0056 + -' - .*+' 90 6.*8' ,+ -' ' $.,.*6 .,'
4+,0' .,' - .9*1' ,1 - 6.6+' :0* 6' 06' *' 509 - .60' .4' 4' 5. .61' +2' + .* 01' ,1* 04 6' 2'
,1 . -' 40"09.6 8' " 1* +8' ' . 6 12".*,+8' .,0 418' .' 090' 4 ,, 0' <+ "+8' 1 .6 1*', -'
.2 + 4.0' .63+0' .401' - 5 .0' .4+".6 1* 8' 5"0*+ -' 7.2+ 6' 06' 405"1 .6.' 5 .,60 61 + -'
- 0 - 1 .' ".+4.613+0' 090' .',7. 6.60' <+ 6 6 .' - 0 ,1 4 .' 06' 3+. ' 0' 5 1' + 8' - '
- 1". 06' ,+ -' 090' ,10"1 + -' ,1 - 5. .61' 06 . -' ,1*:0*6+ -' 1 4 *+ -' ,+ -' ., 1 '
.*4 8' ;*14 8' ,5 - 5. .: 6' .45 1 *40' "". + -' 0/0 - 5"1' *1*' 51 "0' 0 . 0' - 5+40*6, '
. - .: 6' %+ *' ,+<+8' ,' ,.+ .' ,1*:0* " 0*6' 0/51* 6' 01 " - 3+0' +6' - 1 0' - .<1 '
+*' 40' 05+2" ,.' ,1* +"0 0*6' 71 6.6+ ' &. .2.*6' , 6,*6 .,' . 7' ." ' +6' - 16 2+8'
5 .0:0 60 06+ ' *+"".' 4 ".6 1*0' *60 51 6. ' *' 5 .0 0*6 . + -' 40' 09*' +,,0 1*,' 4, '
,0 *0*4+ -' ,0* 02.*6' " ' *' 01' *0916 1' ,.+6 +8' 5 19 04 0*4+ -' 0 0' 0*6 02.*6'
: . - 3+0' <+ 8' 0 :.*4. - ' +6' 3+' <+8' *' 01' 2'. 19.2.*6', 6.6' .+4 0*6+ ' 06' 1 - B
* + -' 5. 6 + -' .6 1* 2+8' *60""04 8' * 6 +4.3+0' 60' 06' 1 4 *0' " 6, ' - .6+ 0' 40' 0.' 6.'
6+0 06+ ' " ' + +8' 3+14' " 60 - ' *' "1*9+ -' 5 160".6+ -' ' 5 1: 40 0*6' ' 3+ 4' *B
60 - ' 7+ - .* +8' ,1*6 *90 06' 0/504 6+ -' : 4, ' 4 ,02.*6' 3+1' 6+ - +"6 2+8' 12: . -'
06+ ' +6' 09*' 9+20 *.61 08', 0. 0*6+ ' " ' 40* 3+0' 3+ ' 6+ 2.8' - .",2.*6' *40, .'
.,' ,1* + .' 1 - * .' ,+5 02.*6' 04 . -' : . -' 0"09 6' 0/ ' +6' * 7 "' *' 5 .0 0*6 . + -' 40'
+,,0 ""1*0' 40,0 *0 06+ ' < 04' 3+' *' 01' <+8' 2' ,1 - 5060 0' ,1*60*402.*6' , 6.6' 5 +8'
.+4 0*6+ ' *60 - ' 9+20 *.61 08' , 0. 0*6+ ' (0,+*4+ -' 7.0,' .2' 1 4 * 2+8' *1 - '
*.6' &' 0/' 3+ 2+8' 0/' :' 40"09 6' < 3+1 + -' *1 - *.' 0, 06.' ,' ,* - ' 51"" - +"6.8' ,1* '
60*6 1*08' 60*+ 6' *' ,.5 . -' ,1*<04.' - 6' U' " " 51*0* 8' - .9 6 .6+8' ,+ 614 .0' 6 .4 '
6. -' 1 - *.6' + +8' / / <' 0/' 3+ 2+8' 0/' / ' 40"09 6' 3+ ' ' 090 - ' .*60' " 60 - ' 40'
09*' +,,0 " 1*0' 60 - *.6. -' - 1 ' ,1*6 *90 06' ,+ -' 5"0*.' 5160 6.60' 0. *' 4 <+4 '
,. 0*6' 4 ,+".' 5 1 +8' .6 1*0' < 3+ 550' ,+ -' ,1* 606' <+ 4 4 1*0 - ' 09 . -' - 1 60'
- .*4.*6 8' 0/"5 . 0' ' 0<+ 3+0' 0' *' E. 60"".0' 09*1' * 9*0' 0/0 - 5"+ -' 50 7 206+ '
+2 ' ,+ -' .20"".' 09 *.' "0908' ,1*4 4 06' 3+.8' 51 6' - 1 60 - ' +. - ' "1,+ -' 7.20 0' :1 '
"02.6' 0.0' 6. - 0*' 40 0 4+' 5160 6.6 8' "1,+ -' *' 01' 09*1' *1*' 126 *+0 +*6' 7 "1 - *+8'
.' 090' .,.*6 .0' 4+/' ,060 3+0' 5 1,0 08' .66 6608' .,' ,060 ' 1 4 *08' ., . - 0*61'
4.4 ' 9+20 *.61 2+8' .' 090' , 0.6 8' 06' 0 ' 0,+*4+ -' 3+0 *' 40"04 ' <+4 ,08' 5 1*+*'
, . "0*6' 6.*3+. -' ,9 6 - 1' 09 ' 0' 5. 6+ 18' *61* +8' 5 0' ' .6' 5 1 ' ,+ ' * 6 1'
506 62' 5 +8' ,+ -' 090' ,1""13+ 1 ' <+ . 0' 406 04. 06' 6.*40 - ' 6.4 8' ., 1 .*4 8' 0:.*90 '
" 8' ,060 1 + - ' 0/0 - 5"1 40 - ' 12 6 */ 6' 0 ,' + +8' 5 1' 5"020 1' 1 4 *0' 3+' .' $7 " 55'
5. 6 2+8' .4 - 14+ -' ." 0*+8', .6' 3+ 4. -' ,1* + 9,*8' +9 "".6.' 12*1/ 1 + -' 40' 3+
' L ' 40,+8

% $ ' V D ($' 6 $' 4* # ' % # ' ' . ' ' ' 5 $'
2 # $' ' $

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40,+8ˁ 06ˁ" 20 6.60-ˁ 09*ˁ5 :.6 8ˁ. 04 2+8ˁ51 67.20 0*6ˁ,1*:0*6+-ˁ 19.: 6ˁ+6ˁ .4ˁ
71*1 0-ˁ.,ˁ<+ . 09* 6+0*4. 0,+-ˁ,1* ".ˁ: 0 8ˁ.* -18ˁ9*.: 60ˁ 1, . 0*6ˁ 06ˁ ' #
3+14ˁ 40-[illegible]<.-ˁ . 6+-ˁ +0 .6ˁ506+".*6 7 2"0*6 .ˁ &ˁ, 1ˁA21- * -ˁ.4ˁ018ˁ3+18ˁ40ˁ
"9*.2.*6ˁ *ˁ1 4 *0-ˁ,190*418ˁ06ˁ01 +*40 "41-18ˁ ˁ15+8ˁ,""06ˁ *,0*40*4.8ˁ.,ˁ
,:0 60*4.8ˁ +ˁ1 4 * 8ˁ*1- *0ˁ126+"6ˁ 4ˁ6.-0*ˁ.ˁ5 +40*6 5 2+8ˁ0/,+ .6+-ˁ3+ˁ
5"02 8ˁ *90* 1ˁ3+.-ˁ: 1"0*61ˁ6. *ˁ ., "0ˁ-+6.2 "ˁ 9*1 ,0*4+-ˁ5+6.2.*6ˁ 4+-ˁ06ˁ
40ˁ 09 8ˁ -.6 -1* 1ˁ 06ˁ9 .6 .0ˁ.ˁ51666 ,0ˁ -506 .*4.0ˁ,.66.ˁ- "+8ˁ 1-.-ˁ 4ˁ
:. 4+8ˁ . 6 1 2".*,+8ˁ 5 0ˁ 0/ˁ -+"616 08ˁ -04 ,18ˁ +50ˁ:."06+4 *0ˁ +.ˁ,1* + + 6ˁ
.*ˁ 0.ˁ .06.60ˁ" 20 1 +-ˁ5 1, 0.6 1*ˁ7.2"/8ˁ0 06ˁˁ06ˁ3+.*3+.-ˁ,. 6 6.60-ˁ616.ˁ: 6.ˁ
5 1 0 +8ˁ .4ˁ0/,"+40*4+-ˁ0/60 *+-ˁ70 040-ˁ40ˁ4+,0*4.ˁ+/1 0ˁ,19 6.2.6ˁ G+ 2+8ˁ
40ˁ 02+8ˁ,0 6 1ˁ50ˁ1 .61 08ˁ +18ˁ06ˁ -5 - 8ˁ50ˁ . 61521 +-ˁ 1 .-ˁ6+*,ˁ.4ˁ
0+-ˁ1 .61 0-ˁ .4+8ˁ$7 "55+8ˁ,+-ˁ: 40 06ˁ 090-ˁ06ˁ164 *08ˁ.ˁ 0ˁ .:0 18ˁ0 ,ˁ5 1ˁ
6 *+8ˁ .4ˁ1 .61 0-ˁ ++-ˁ3+ˁ 1-.0ˁ0 .6ˁ+6ˁ1-*ˁ .6 1*0ˁ51*6 ,0-ˁ.ˁ9 .6 .ˁ4.\ˁ
,0*4.0ˁ+/1 8ˁ 0* ,1ˁ ., 0*4.ˁ4 -1:0.6ˁ 0 2 6ˁˁ0140-3+0ˁ60-51 0ˁ .4ˁ 5 +-ˁ
0* ,+-ˁ.:+*,+"+-ˁ *ˁ1,,+"61ˁ -R6 6ˁJ0 4 *.*4+-ˁ? . 60 "+-ˁ 1- * ,.*+-ˁ
3+ˁ0+-ˁ.ˁ5 151 61ˁ4+,0*4.0ˁ+/1 8ˁ 0:1,. 06ˁ:0"0.ˁ -./ -0ˁ .6 5*0ˁ3+.-ˁ" ,06ˁ
7056 "" -.-ˁ6.* 0*ˁ .5+4ˁ71- *0-ˁ +50 6 6 1 +-ˁ:."6+ .-ˁ5+6.2. ˁ3+14ˁ:0ˁ
*0*1ˁ"04. 1ˁ5. -ˁ5+""+".*60ˁ50 ,+"+-ˁ0""06ˁ"ˁ ., 8ˁ.44 4+8ˁ+/1 0-ˁ4+,0 0 ˁ
4ˁ *ˁ0/,-5"+-ˁ.ˁ50 * , 1" 8ˁ71- * 2+8ˁ6 .70 06+ ˁ &0 +-ˁ 1- * ,.*+8ˁ ""0ˁ*1*ˁ
5, 40ˁ.2ˁ 0* ,1ˁ+6ˁ 2ˁ$7 "55+8ˁ50 +. 0 .6ˁ.,,056+8ˁ0 6ˁ 04ˁ6.6 -ˁ,+-ˁ1 0*ˁ
1* 8ˁ 5,, 0ˁ4 - 66 6+ ˁ +55 0 6.ˁ6.-0*ˁ"09.6 1* 8ˁ,.+.ˁ ˁ ?

ˁA G) ˁ, 6.6 8ˁ,1-506 61 2+8ˁ1 .61 08ˁ01 +-ˁ.40 .*6ˁ5 1ˁ$7 "551ˁ$06 +8ˁ
2E 1ˁ "+*.0ˁ4+/ˁ,+-ˁ 8ˁ3+18ˁ4 / ˁ5 1ˁ$7 " 20 61ˁ(.2.+4 .0ˁ4+,0ˁ . 1"+8ˁ ˁ 1ˁ
21 ,+8ˁ5 1ˁ .*+6 1ˁJ. *0 1ˁ "0/.*4 ˁ " ˁJ0 4 *.*4+8ˁJ. *0 +8ˁ$. -.0ˁ05 ,1ˁ
5+8ˁ3+ ˁ 0ˁ 2$.6.: ˁ *60ˁ<+ ,1* +"628ˁ,0"020 -.0ˁ "" +8ˁ.,.40- .,ˁ40" 20 .6.ˁ
,1* +"6.6 1*0-ˁ:." 4 - 8ˁ .6 1* 2+8ˁ+6ˁ 68ˁ: 402.6+ ˁ,1* -.6.-ˁ5+2",.&0 .6[illegible]
6ˁ(.2.+4+8ˁ3+ 40-ˁ40ˁ<+ 0ˁ +1ˁ$7 "551ˁ,1*,0402.6ˁ'3+ 550ˁ0/ˁ .20"".ˁ9 .*4 1 0ˁ
<.6+ˁ - - .*+0" 8ˁ 09 8ˁ ".ˁ5 190* 61ˁ6.*6+-ˁ50602.6ˁ+6ˁ 6ˁ,1*6 *90 06ˁ$7 55+*ˁ
.*60ˁ 0* ,+-ˁ,1- - +*0-ˁ.:+*,+"+-ˁ40,040 0ˁ,1ˁ,. +ˁ<+ 8ˁ +ˁ .6 1ˁ7.20 06+ ˁ
40ˁ,,60 1ˁ 40-ˁ,+-ˁ$7 "551ˁ. 9+-0*6 8ˁ,1*6 .ˁ .,.*6 .0ˁ4+,0-ˁ3+ˁ .67. *.-ˁ
4:. 4ˁ ,* ,ˁ .6 8ˁ " .-ˁ *ˁ+/1 0-ˁ4+/0 .6ˁ06ˁ .*+6 +-ˁ 4:. 4ˁ*05160-ˁ0/
. .ˁ,<+8ˁ9 .*4 1 0ˁ*.6+ˁ ".ˁ5 1, 0.6+-ˁ* 602.6) ˁ .-ˁ +2".61ˁ 05 .0 0*6.6 1* 8ˁ
2,*, , 1ˁ3+14ˁ -+"6 8ˁ + +8ˁ. 9+-0*6 8ˁ,1*:0""02.*6ˁ6.*3+.-ˁ9 .4+ˁ5 1/ -ˁ06ˁ
- . ,+" ˁ,,6, 8ˁ5 .0 0 ˁ4020 0ˁ. -21ˁ,1*60*402.*6ˁ 05 .0 0*6.6 1* 8ˁ + +8ˁ20ˁ
*, , +-ˁ+ 902.6+ˁ.ˁ .,.*6 *1ˁ06ˁ .*+6 1ˁ'3+ˁ .*+6 8ˁ0.740-ˁ .6 1*0-ˁ51 60.ˁ
,1*6 .ˁ .67. *.-ˁ- .60 60 .-ˁ 0 "0 602.6ˁ 5 0ˁ0/ˁ9 .*4 1 0ˁ*.6+ˁ 4:. 4ˁ " .7.6+8
*ˁ9 .6 .-ˁ .,.*6 .0ˁ4+, 8ˁ,+ˁ06ˁ *ˁ ,,+"61ˁ .:0 0ˁ 0* ,+-ˁ *60"" 902.*6ˁD 1?ˁ
* -2 ,.,ˁ.,.40- .0ˁ<+ ,1* +"6ˁ 0 5 0 .*6ˁ< 04 6.3+0ˁ,1* +"6.6 1*0ˁ -+"6 8ˁ. 9+ˁ ˁ
-0*6 8ˁ$7 "55ˁ,6ˁ(.2.+4ˁ5 -+-ˁ.,ˁ- +8ˁ .*+6 ˁ<+8ˁ 0 *6.2.*6ˁ) * :0 ˁ.+60-ˁ
ˁ *61* +-ˁ .6ˁ$ 1 0-ˁ3+ˁ,6ˁ, 6.6+8ˁ.40 .6ˁ6.*3+.6+*ˁ5+ +-ˁ06ˁ +41: ,1ˁ3+ ?ˁ
40-ˁ 0* 4ˁ .6 0ˁ 04ˁ0/ˁ,1*6+20 * 1ˁ -+" 0 8ˁ3+.-ˁ*+*3+.-ˁ+/1 0-ˁ4+/ "%06ˁ
5 19*.6+-ˁ.ˁ +,,0 ""1*0ˁ 0< , 02.*6ˁ .67. *.0ˁ 09+-ˁ*1 6 1 +-ˁ5. 0*6 8ˁ*1- *0ˁ
3+.-: 8ˁ- * -0ˁ, 6.6.0ˁ .4 + 6ˁ) 2.*+8ˁ ˁ(.*90". +8ˁ 1*:0*. +-ˁ05 015+8ˁ +4?
(.*90". ˁ .* .,ˁ*167+8ˁ "+8ˁ'3+ˁ51 6ˁ-+"6.8ˁ4 ,+ 6.608ˁ6.*40-ˁ.2ˁ 0* ,1ˁ.4ˁ
- 6+8ˁ0 6ˁ0 3+0ˁ50 - "+-ˁ+6ˁ50ˁ5 1,+ .61 0-ˁ *ˁ,.+.ˁ.4ˁ5 12.*4+ 6ˁ<+8ˁ ++-ˁ
60 :0 ,ˁ51 06ˁ (,ˁ.+60-ˁ. J0 6+8ˁ 0* ,+8ˁ: 402.6+ ˁ+6ˁ *ˁ .,.*6 *ˁ9 .6 .-ˁ
,+*418ˁ0/,"+ 18ˁ :0""06ˁ + +8ˁ +6ˁ $7 " 55+-ˁ0/,"+40 06ˁ1-*0<8ˁ 5 1- 0+0ˁ .4
506 6 1*0-

ˁ ˁ < 70F $ -,9 !2 ˁ24' ! ˁ - ˁ0 $ ˁ; ˁ ˁ ˁ "/ $
2 ˁ $9 /2ˁ , * ˁ ˁ #!#! !)2E < B

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ˁ 506 6 1*0 - ˁ . 4 - 660 06ˁ 6 * . 1 ; "9 0ˁ 1*9 +8ˁ 506 6 . ˁ <+8ˁ ++ - ˁ 0 0 02 . 6ˁ +6ˁ +5 .
ˁ 6# ˁ ˁ A . - 4 5 - +8ˁ . 4 2 , + * . ˁ , - "ˁ ˁ 0/ˁ .67 " 0 1*1* .0 , ˁ * . 6+ - ˁ . ˁ 3+1ˁ
90*+8ˁ 4+,02 . 6ˁ * . Hˁ , ,6,63 ˁ " 20618ˁ 5,ˁ 0.6 ,0ˁ E+ - . * . ˁ .67 "4,ˁ +50 ˁ
6 6 , ˁ 5 19 , 638) 09 "" *18ˁ 6+ < 0ˁ ˁ 3+ . ˁ 0ˁ *1*ˁ 2"+ *ˁ "* ˁ 616ˁ " 1* ˁ + , ,0 "2 2+8ˁ
09 2+(ˁ . 02 . 6ˁ "04ˁ 0* , ˁ 5 +8ˁ 6+ * , ˁ 09*+ "ˁ 60*0*6 8ˁ <+8ˁ 3+ . *ˁ 4+2 + - ˁ 0 : 1 ˁ
, . 2 . 6ˁ +6ˁ *+"6ˁ *13ˁ , , . ˁ 5 . - ˁ 0 . *6ˁ 5 +40*6 . -
ˁ 0 . ˁ "09 . 6 1*0ˁ 40 , 44+4 . 40 40 . : , *6ˁ ˁ * . - ˁ 3+ . * ˁ 9 . 6 . 0ˁ . 2ˁ 04ˁ ,1* 03+0*4 . 0ˁ
< 0 - ˁ . 20 53) 0 . ˁ 6 . *ˁ . 6 1 , "ˁ *<+ . ˁ . 0 , 8ˁ Nˁ . +6ˁ 3+ . - ˁ : 41 . - ˁ 0/ 504 . ˁ 51 % , ˁ
,1*6 . ˁ 616ˁ) 6 9 . * 0 8ˁ ˁ 0/ˁ 5 1/ * . ˁ + , ,0 1*0ˁ - 06 0*60 8ˁ ˁ . 6 1ˁ <+ 8
. ˁ 09 - . ˁ 56 060* ˁ 2 . h 6 . ˁ + "06 ˁ 6.6 - ˁ . ˁ " - *0ˁ <+4 , ˁ 0/ , "+402 . *6+ ˁ Nˁ 9 6+ ˁ , + - ˁ
0 . 8ˁ . 6 * , 8ˁ - * - , ˁ 51*4+87 . 2 6+ . 8ˁ 5 1 : 40 06ˁ "09 . 6+8ˁ *1 60 ˁ . " . 8ˁ . ˁ 090ˁ " 6 , . 8ˁ . 4ˁ
2 " " 51*0* 0 - ˁ , . - 0 . - ˁ ,6 56 . 8ˁ 5 1 0 6< 3+ 2+8ˁ 0/ˁ 150 . - ˁ + . - ˁ 616ˁ 09*1ˁ) ˁ
20 . " 60 ˁ 40 0602 . 6ˁ 06ˁ * , ˁ 0ˁ 5160*6 1 + . ˁ <+91ˁ 155 - ˁ 5 . 60 0*6+ ˁ - . / - 150 , ˁ
+ 6 . *18ˁ 21 6 . 2 . 6+6ˁ 3+ . 8ˁ " 60 . 8ˁ 3+1ˁ - *+8ˁ , . . 0 . 0ˁ 0440 0*6+ ˁ 06ˁ 5+2" ,0ˁ 0 , ˁ
6 . 0*6+ ?ˁ 0* ,6 8ˁ 5 17 2+ 6ˁ 4ˁ . 0 - +" . 6 1*0ˁ . ˁ 090ˁ . 4+ - ˁ *60 5 06 . 6ˁ < 7*6 "5 . * ˁ
0+ 6 34 , ˁ 54ˁ 3 .61 08ˁ 18ˁ 06ˁ .5+4ˁ 51*6 ,0 - ˁ 06ˁ . " 18ˁ 7 6 . *18ˁ 5 * , 508ˁ 06ˁ - + ˁ
.670 - ˁ . 4 Zˁ %+ ,1 **ˁ - 50 . 6 ˁ J0 G^*+ - ˁ 090 - ˁ 09 "%0ˁ , 2 6ˁ *61* +8ˁ ˁ
0 . ˁ +6ˁ . + 16 6 . 60 - ˁ . +6ˁ . - . ˁ + . ˁ *60 51* , 0*6ˁ 5 1" 20 0*63+0ˁ *0ˁ $2) 55+8ˁ 6 . *6 . ˁ
. , 0 1*0 - 5 , + - ˁ < . - ˁ . 6 8ˁ 50 ˁ 0ˁ 1 - 4 . 2 "0ˁ "1 , +5"06 . 06ˁ 0 , ˁ ,0 . 2 . 6ˁ $" " 55+8ˁ
3+"ˁ 54ˁ $06 - 4ˁ & . 709 . - ˁ 1 4+20* 0 - ˁ 6.6 - ˁ 51 6ˁ (02 . 6 . * ˁ - 1 60 - ˁ H . 1 ,7+* ˁ
- "+ - ˁ . 4 - ˁ . - , 6 . * ˁ , +6*ˁ *1 : 1ˁ 090ˁ ,1*60/0 . 6ˁ 6ˁ 3+ . *3+ . - ˁ " .2067 . ˁ
*9 1X66 - 09 * . ˁ < . - ˁ 6+ - 3+14ˁ 0 : 0 - 6ˁ . * 66S@5 . 0 . 9 0*8ˁ +6ˁ * 0 6 " - + - ˁ 20" ˁ
"+ *ˁ 1 2 ˁ 5"4 5<51ˁ 2 . "# 06 ˁ 1 - * , - ˁ 150 . - ˁ 4 . 06 *0ˁ . - 0608ˁ 6 . - ˁ 5160*60 - ˁ : , ˁ
+ ˁ 6) 664ˁ 44 U ˁ 6 - 2 . 6 ˁ 3+ . - ˁ 5 - + - ˁ 3+ 060 - ˁ *ˁ 5 . * . ˁ * . * , , ˁ 51"%06 ˁ
, , - 64"ˁ 5^6*ˁ . - . ˁ : 0 + . - ˁ *ˁ 16 1ˁ 0" *3+0 06ˁ 6 . - 0*ˁ * 7 "ˁ - 506 . 0ˁ 516+0 . 6ˁ "ˁ
, * - ˁ """0 ˁ . 2ˁ *4 0 . Eˁ 3+0 *ˁ 4 / ˁ 50 + . "+8ˁ 6 . *6+ - ˁ 5 * , 50 - ˁ +"6 1
20""3ˁ " . ,0 " 0 0ˁ *1*4+ 6*ˁ ,1 - 51 6 8ˁ *ˁ 09*1ˁ *1 : 1ˁ 02+8ˁ - * - 0ˁ " 2 ˁ 6+6+ - ˁ . 2 6 . ˁ
,6+ ˁ - 4ˁ + 6 . *18ˁ 5 . * ˁ *<+ . 8ˁ . ˁ E . "" 8ˁ . , ,056 . 8ˁ *ˁ - . <+8ˁ 0/61""02 . *6ˁ * ˁ
, , ,56 . - ˁ $06 ˁ . 6 12" . * ,6ˁ *4 , . - ˁ * . : 0 - ˁ 656ˁ 90 - - 8ˁ 1*+ 6 . - ˁ 3+ . 8ˁ 06ˁ *ˁ 4 9 6 8ˁ
J . * , ˁ " 5 6 8ˁ - +"6ˁ : 40 . *6< 44740ˁ 12ˁ 0* ,1ˁ ˁ . * , ,1ˁ $0 0 . 0ˁ + 6 . *1ˁ
"09 .61ˁ 6 4 , - ˁ 9 , - - . 8ˁ 1 61 , - 56 ˁ 3+ . 8ˁ 09 * . ˁ 50 ˁ + - - . - ˁ ,1*6+ - 0" . - ˁ 04 ˁ
+0 6ˁ 40 3+0ˁ *60 , /<56 . 8ˁ . ˁ $ 160 6 . *6 2+8ˁ E . " 8ˁ * . : 0 8ˁ . 2ˁ * +" . ˁ (ˁ %71 - . 0ˁ 06ˁ
. 6 . ˁ : , * 0*6 , 8ˁ ' ˁ <43+0ˁ - 5+*0ˁ 1 5ˁ 5 . 6 8ˁ 3+ ˁ 51 60 . ˁ *ˁ . +" . ˁ 09 8ˁ 6 + - 57 . *608ˁ
: 6ˁ 1*6ˁ ˁ 1+ 1 . 3 1ˁ 40ˁ 6 . *6 . ˁ 1+ .3+0 618 + 6 . *18ˁ *+"" . - ˁ . ˁ 090ˁ . 6 8 . 4 1*0 - ˁ
+ - 506 . 0ˁ : 0ˁ . " . ˁ : 0ˁ 0/ˁ : 061ˁ 6 .70*6 . ˁ *ˁ 5 . "" , ˁ *1 - * 8
* : 4 . - ˁ . 6 , 5" , ˁ 1* - * ,02 6+6ˁ ˁ 06ˁ 50 ˁ 1 .61 08ˁ +18ˁ 5 . - ˁ 4 "0 - * .
2 . *6ˁ 4ˁ 1 .65 08ˁ 15,6 , * 0 . **1 - " 28$7) 55+8ˁ . 4<+*/0 . 6ˁ 140 , + - Dˁ & . , + - ˁ
06ˁ 5 : , + - ˁ A 1" . - ˁ <+ 8ˁ 50 618ˁ A5 . *70ˁ (" : . ˁ 3+ ˁ 1" - ˁ .5+4ˁ (02 . 6 . *+ - ˁ
09 +8ˁ 1 .61 ˁ 5 10" 1ˁ 5 ˁ *60 +0 . 6< 06ˁ , .56+8ˁ . , ˁ - +" ˁ : +"*0 2+8ˁ . +4 . 6+8ˁ . 2ˁ
. 140 *ˁ $ 1 55ˁ 96.6 1*ˁ *+5 , ˁ 4 - 1ˁ +0 . 6ˁ 50*08ˁ 0ˁ 060*61ˁ 2 . +4ˁ 1 , , +"61ˁ
01 + - ˁ 3+ ˁ 4 , . ˁ 090 - ˁ 0 . *6ˁ +6ˁ , 04 6+ ˁ " : 1 , ˁ ' 06ˁ " 61571 ˁ 1 . 0ˁ *5 - 8ˁ
3 +ˁ *0916 ˁ . ˁ 0ˁ 7 ,21 . 6ˁ 40 ,+8ˁ *ˁ 4 + - ˁ 6 . *8 0 ˁ . 09 0ˁ 5 . 6 02 . 6+ ˁ 8ˁ 9 6+ ˁ ,1 - ˁ
- 0*4 . 6 170ˁ . 1 ,5 + - ˁ . **"8ˁ 6 6+"1 ˁ . *60 . ˁ ,+2 ,+" . ˁ 09 ˁ 4 9* 6 . 60ˁ 1 * . 6+8ˁ *ˁ
+ 6 . * 1ˁ . 2"094+ ˁ . 9*2ˁ 0 1 0ˁ . 2ˁ 0ˁ +6ˁ 5"0 . 3+0ˁ . " . ˁ *ˁ , : " ˁ . 4 - *2
6 . 6 1*0ˁ 5 , , , . & 6ˁ 1e2?) ˁ 5 +40*6 1 08ˁ , / * ˁ 3+14ˁ 5"0* . - ˁ 40ˁ + , ,0 1*0ˁ ,19
* 6 1*0 - *1* 2 0 0 : . : , 6ˁ 1 ˁ 4141 2+8ˁ 50 ˁ 12ˁ . 9 6 . *4 . . ,6ˁ . 4ˁ 0/B
6 0 - + - ˁ . ˁ <+ 14 168ˁ . ˁ , *1ˁ 40) 90*4 1ˁ 40 , 4 , *4 . - ˁ " 0ˁ 0* - ˁ 51 6 . - ˁ . 4
6+ 2 . 8ˁ 06ˁ . 6 1*08ˁ 4ˁ /09*2ˁ .50< 6 . - ˁ 63+ ˁ 6 1* 6 . 0ˁ 5 ˁ 402+ 6ˁ *1*ˁ <+ 8ˁ 50 61 + - ˁ
5 * 1 - 2 1ˁ 4 . 6ˁ . +6ˁ . 4 - ˁ - 54 2 ˁ : 0 + - ˁ 2 . ˁ . 1 8ˁ 3+ . 0 ˁ 06ˁ 5 . 6 . ˁ 40 - ˁ . * 8
ˁ ˁ ˁ .03+ . 2)
N , A@93 A9 ˁ 3/ ; 2 . ˁ 3 %? . ˁ

')' *' 0 0' =

.03+.2 "'<+ 0 60 - 50 .6 8' ,1* 0 :. ' (04' 3+ 4' ." +4' 0/50 6. ' 516+ 6' .2' 71 - "*0' '
: 6.0' 16 1 .,' **+6 61 '<. -' 0*0' - * - 0' .4' - 50 .'*.61' ' 3+ '5 15 .8' ., ,': ' ' # ' '
6+6,8' *+"".8' :, '5 *, 5 8' 7.20 06' 3+' ." 0*2' 516 +8' 3+. *' +1' *90* 1' 090 06+ ' 06'
14 1 + -' *' ,+*418' 0 - 0", 1*,0561 + -' 60*. / ' 51 6' 09*+ -'.4056+ - ' *03 0' 0.' 40N '
51*, 0' *03+0' 4 9*0' +", , ' , 06' N 6.3+0' *' 5 *' " ,6 .'9 . " 60' 06 .4' 14 + -' F
.,,04,*60' ,1*60 - 56+ ' - +"6.'<.4. ',1056.< 3+14' 3+ 060 -' 096 ' *09" 90 06' 50 ' - .#
9 6 .6+8' :0*."0 8' 0 - 5+2" ,. -'.4 - * 6 . 06' *' 02+8' * 7 "' 60 - 5+8' 60 0 06' *0,0 ". '
.8' .+6' *1*' *60"" 90 06' .+6' * +50 '7.20 06' '3+14' 097 ' +,,0 " 1*0 - '40' 3+.' - 16. -'
3+.0 6 1*0 -' 5 - 1' 3+13+0' 60 - 51 0' .' 0' 09 .' .+41 6.60' *0 - *0' , 6.61' 40, . -'
151 6+ 6' 616' 506 61 2+8' .4' . - 2 0*4+ -' *: 6.6 8' .4' 04 6 1*08' 41 - 0 6 , .8' 06' 5160* '
6 1 + -' *:. 1*0 -' 0/51 +0 6' 3+14' 9+206*.61 08' *60 50 6 :0' , 0.:0 6' ' 06' 6.'
.4 1* 2+8' 09*+ -' 5 0' , 40 6' *' 0. *' 0 -' , 56.' 04' +55 0 "2' .+41 8' *1 - " 4'
,:+"9 .6. ' 3+.0' ,+ *' .4' 09 8' *16 6 . -' :0 "0*6' ,19* 6 4*0 -' 50 :0 1' 1 4 *0' * 6 '
6+6. - ' 3+.0' A0*6 +8' .*60.' 5 1,0402.6' + 90 0' ,105 6' 0. - 3+0' 6.*40 -' *' ,0*. -' 5 0'
1 6+*.,'"+4 2 1' 3+. ' 0/' *' 670.6 + -' 5 14+4+8' 404+/ 6' I $ - ' *,0402.*6' $7 ?'
" 55 ' 1 .61 08< 40 *' (.2.+4 ' ' 51 6' .*+6 ' J. *0 < 6+ *' # .,.*6 .0' 4+0 8' 5 1, .?'
61 08' ' 51 6 0 - '1 - * + - ' 3+ ' *61* ' ,.+ . -' 40 0*402.*6' 0+ - ' 0* ,+8' " - .4.0'
*' +"60 1 0' %.9 ' 5.' 0/' .4:0 1' + 2 8' 4090*60 - '"1*9 +8' 2 .6+ -' 040 0' <+ "0 .6' :, '
' 6+8' *0' 0/' 14 8' 3+.0' 5 ' ,+ -' .,.*6 *1' *60 ,0402.*6' 6' 5 15 +8' .,,040 06' .4'
. - .'4,:0* 06+ ' 06' ,+ -' , "06' .:0 1' .2' 01' .* - 1 ' - 06+02.6' *3' ""0' *' .+".' * 06'
*12 ", 8' ,6' 5 .0, 5+0' .5+4' 5"020 - ' ,+ ' 14 1' 0/60 *1 + -',1 - 506 61 + -' + - - 150 0'
.,,056+8' 0 .6' 5. 608' 0 0 06' 6.3+0' 3+. - : 8' , 6.6+8' *+*3+. -' - 506 . 0' .' 090'
516+ 6' +6' .4' + 20 -' :0* 06' ,1 . -'<+8' ++ -'4 ,056.6+ +8' A+8' .+60 -'.' 09 *.'5 .4'
6,* + - ' 06 "1*9 +8' 506 6+ - ' 3+ .'." 18' 0/',"+402.6' ""+4' .*60' 1 - * .' 0 +6. 5".,+ 6
(,' .+60 -' . 9+ - 0*6.2.*6+ '$7 " 55 4' 4141 08' <+8' ""+4' "1*9 - '60 - 51 8' 5 .0'
, 56 1*0' *60 1 6++ -' + 6 .'*+*,'.' 09 *.' + , 6. ' ' 40' 3+1' 616' 1*1* 0*7+ -'
,1 - 6+ - ' 3+ ' .67 "40 -' 0/,050 .*6' *0 - 1' 7.40*+8' ,1*6 2:0 6. -' -1:"06 '66'
:0 1;' ' 50* 6 +8' *' :0 6.60 -' 0' *3+ .6+ ' ,2* 6 6+ + -' .67 "40 -' *+""18' 0/' " '
1* 1' '" 20 18' + ,05 "0' %' .,' - .9*150 0' ."" ' ." 1 3+0' *' 0 1 0 -' 00+ -' 4+,0 0'
3+ ' , 5 66' .4' (' 1 - * , ' " "" 51*.0' * .*60 -' " + -' .67 "4 8' 05+"6+ -' 0 "0' '
*. - ' +6' *' : : 8' +0 6' 6. - 0*' .55. 0 0' :0" 0/' .06.60' :0" 0/' 7.2 6.6 1*0' *+""18' " + -'
" 20 18' ," 3+ 60' 06' *+""18' 3+ 40 -' .67 "40 -' " 20 18' 0/' " 1*"2' + 6+" 0' 5 12. '
0/' 5 +8' 60 6. - 0*61 ' 3+14' *' 5+2" , 8' . ,7 : 8' 0 :.6+ < *' 3 1' *+"".' - 0*6 1' " 2 '
1 + -' 7.206+ ' ' 6+ *' 0/" 20""1' +55" ,) 2.*1' :'. 097 '1 4 * 2+8' 12".61 ' 3+1' 52<
.67 "4 8' - 1 60 -' 50602.*6' +6' *60 4 4+ -' 0:1,. 06+ 06' " ' 0/' 0.6 ,0' .2' " 1*"2'
+ 0056' 6.*3+. -' "09 6 - ' .4' 09* ' +,,0 1*0 *' .4 - 660 0666+ ' 3+14' 5 1,+" 4+2 1'
+ 6 .' 506 "0*6' ' 3+ ' 0/' .67 "40' + 0056' *' : : 8' 6+*,' + "0*6' 9 6+ ' *40' 03+ <
120 6+ -' " + - ' .4' 3+0 *' 90*+8' ++ -' 09 *.' 0 0 .6' *1*' .67 "40' 04' " .' .B
67 "4 8' 1 1 0' 5 19*.6+ -' 0 60' 6.' 09 *.0' <+ 0' 0/5"1 1' 0 6.2.6' *61* +8' 3+ ' '
5 12. 0' <+8' ++ -' 516+ "06' 3060 18' ." - *0' <+4 , ' ,50""02.6' 6.3+0' 0* ,+8 '
- 506 .61' .' 51*6 ,0' 4 5"1 - .60' 3+14' 0, "0' 51 60.' 510* 66 6' 4,' ,.+ .' .*60' 1 - * .'
,19*1 ,, ,' :1"+ 6' 06' ,+ -' 0/' 3+.6+1 ' 60 6 2+8' .2' *61* 1' 5 14+4 8' 06' - .6 - 2'
* + -' +41: ,1' 5.6 ' ,+ -' - .6 0' 0<+8' *60 ,0 " "0' . - .*6 2+8' 4+1' 0' .2' ""1' +21 '
.618' 06' 5 1 - 8' .,' 5 06 1' ,1 +5618' ." + -' 60 6 - 1 -' 4 / "0' ,1* 0 "' + 0*6'
."60 0' 4+1' - 0 61' + 504 ' 0 60*6' 3+ 550' ,+ -' - .6 8A2 1 ' *' 60 60 -' .""09.6. ' *00'
,1* 0*6.*0.',+ -' 60 6 1' 60 60' 4 ,, 06' 06' ." 13+ ' +41: ,+8' 5.60 ' 0 - *' 6.*3+. -' 5+ '
+ -' 0/6 0 - 8' 6.2+" 8' *1 - *. "06' 0* ,+8' 6.*40 -' .+41 6.60 -' +. -' *60 51 + 6'
,6' *61* + -' *1*' "09 6 - + -' 04' "R9 6 - + -' 5 1*+*, .: 6' 0 3+0' +50 ' 1040 3'
- .6 - 1* ' 06' *.6." + -' 3+.0 6 1*0' 50 506) + -' "0*6 + -' *.51 6' .":1' 2' ,1*6 .
' ' ." 58

9 - 6YDY!' ' ' ' '%

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' ." 1860 60 8' 06 5 + - ' 3+ ,18' +21 - . "06' 50 0,+6 1* 8' <+ 0' G+.' 0' ,19* 6. ' *
) '61* +8' *1*' 6. - 0*' 3+ 0: 6' ' 04' "06. *4 ' 1 - 0*6' 51*6 , ' 1 .61 8' 0' *' 1, ,+"61'
.:0*6 8' ,1 - - 0*4.6 1*0' ." +4' 4 5"1 - .' .' 55*6 ,0' - 506 .6' 3+1' 5 +8' 4 5"1 - .' 0:1'
, . 2 .6+ ' 06' 3+. ' - .*4.6+ - ' 09 0 ")8' 1 0' 0* ,+8' 3+ ' 0*60*6 . - ' 5 1*+*, . ,6'
0' *6.*4.2.6+ ' +6' "6 8' .U6.' 1 - . - ' 6 .* * 660 06' G+.' ,' +"6 .' - 14+ - '
".6+8' 0 1' 0 1 0 - ' ,* 6' 3+ ' 51*6 , .' ., ' *1*' 5 15 .' 06' 09 .' .+ 61 6.60?40' ,.+ .'
,19*1: 06' 6.3+0' ,+ - ' *1:+ - ' 4 5"1 - .' .' 51*6 ,0' :0* 06' 3+1' 0' 40' *609 1'
,19* 6 1*, - ' 1 461 ' +1' 06' E01 9 1' # " - 0 4.0' . ,7 05 ,151' " 51*0* ' .66 2+0'
2.6+ ' 6.' 0/,.*4+ 6' 0* ,+8' +6' .2' 1 .61 0' 51*6 , 1' : /' 5".,. ' 516+0 6' 04'
, 6.61' *61* 1' +6' .4' 5, 4+0"" 1* 8' , - 0*' 0 51*40 06' ,+ - ' *1*' ,1 - 5. 0 ,6' 40'
,060 $' 3+. - ' 71*0 6 8' 5160 .6' 0' .6 1* 2+8' 0/,+ . ,6' 6.6 - ' 4:. 4 1' ' . 6 12".*,1'
A 41 + - ' 5 .0 0 61' *0916 + - ' 404 6' +6' 5 + - ' ,1 - 5 070*40 06' 06' ,+ - ' ,1 - 5 070*40'
*1*516+ 06' *' ,1*6+ - . ,0 - ' 6.*3+. - ' 020""0 - ' *1204 0*60 .' 06' 5+2" ,.0' 6 .*'
3+ "" 6.6 8' 50 6+ 2.61 0 - ' 0*6,*6 .' *1*' 51*6 , .' 04' 09 .' .+41 6.60' 0 6+ ' 3+.'
4 9* 6.6 2+8' 71*1 2+8' 6 6+"8' .,' 21* 8' 5 :.6+ ' 06' 0/6 .' 09*+ - ' 4051 6.6+ ' 0 " 6'
' .0' - 5160*6 8' 0* 8' *61* +8' *0' 90 - *.6.' ,1*6+ - . , .' 0' <+ 0' 5 .060* 1' *4 9*+ - '
0440 06' 06' .2 0*6 .' +.' - .<+8' +' 40 40 + - ' .5+4' 5"020 - ' 0/, 6. 06' 0 6.2.6' $7 '
" 55+8' (.2.+4+8' .*+6 +8' 06' ., .*6 *+8' ' 3+ ' 4+ - ' 3+ "3) 0' ,1*6 . 8' .6 1* 2+8' 0'
: ,0 - ' 155+9.*6' <+8' ++ - ' *' 4+2 + - ' 0:1,.2.*6' %.*40 - ' 51 6' ,0* ,.8' "".8'
,1*,0 6.6 5*08' ,+ - ' * 7 "' 40,0 *0 06+ ' *9+"' ,1* +"6.6 1*08' 5 1' <+ 0' +1' .4' 51*'
6 ,0 - ' 06' 5 *, 508' 7 6 .*18' - 66+*6' *40' 1,, . 1*0' + - 56. ' 09*' 1 4 *08' 06'
5 .0, 5+0' " " 51*0* 08' 3+. ' 0/6 *4.' - . ,+".' 5 1"0' 06' *,0 61' +,,040*6 + - ' <- 0'
0 - ' .4' 0"04 1*0 - ' 404+4. - ' ,1*60*402.*6' 43+0' 2' <+ 8' . 19.2.*6' *. - ' ,'
1" - ' 51 6' J0 4 *.*4' 52 6+ - ' "09 6 - 8' 70 ,4 2+8' 40 , 0*6 2+8' A1.**0 - ' " ,06' 5+'
+ - ' ,1*,1 4 2+8' 1 4 *+ .' + .9 8' *' 090 - ' 0"04+ - ' 0 0' ' .2' 013+0' 3+ ' 09*+ - '
7+0' + 3+0' 60*+, *6' 90*+8' 4+,0 0' 1*6 .' 05" ,.2.*6' $7 " 55 ,0' < 0"04 1*' *+*'
3+. - ' "1,+ - ' 0 0' 3+. - 4 +' "09 6 - ' 70 0408' 0/ 6.*6' < 06' +6406+ ' 70 04 6.60 - ' <.,0 0'
5 1560 ' *,0 6.5. 6 + - ' <+ .' *1*' 5 1560 0.' *40' ,3+ ' +6' 5 ' <+8' 0A 90*4' 7.20.*6'
. - ' $1 6+9." .0' 09+ - ' .2' * 6 1' 5 18' + 6.*18' - * - 0' ,1*66 6+ 0' < 04' 51 6 1'
*0 - ' 0. *' ' E."0, .0' 0 0' 3+. - ' "5.* . + - ' 0908' 0* ,1' ,1 - 6' ,1*,0 0 *6 3+. - '
3+0' +,,0 1 08' ,<+8' 51 60.' - +"6 8' .,,0 " 1* 2+8' . - 5" , .:0 *6' 6.3+0' .03++ - ' 0 0'
' 08' .4,.4+, ' ,.+ . - ' 0, 4 0' 4 ,.6+ ' +6' $1 6+9." .0' 09*+ - ' *"50 k .' 1 9 *0
' 09 1*,*"' 09*1' .,, 0 ,.6' 06' 6.*3+. - ' - 0 - 2 + - ' 1" - ' .2' 01' .:+" + - ' ,+ - ' 5 1'
+,' 6.*40 - ' 01*9"+6 *06+ ' 6' 6.' 3+ 40 - ' 5 - +8' .2+".0' .4+8' +6,+*3+0' 6 .* 0'
.4+8 + 6' ,060 .' 0 1.4. +*6' . - ' $7 " 55+8' 3+ ' 6.6+ 06' <+8' ++ - ' . - 8' 50 '
03+ ' 5"+ 3+0' - 1 - 0*6' *' 5160*6 .' 3+. - ' *' <+ 0' +1' 06' <+ ,1* +"61 + - ' 0*60*6 8'
51*0 06' <. - ' .48' . - .0' ,671 - *+ - ' 15 * 1* ' .6 8' 00*.0' 06' *056.0' 09 8' - 50 6'
:1"+*6.6' 4.6+ - ' .6+8' 0* ,+ - ' 506 6.' .+4 0*6 .' 50 ' +18' "09.608' .41 6+ ' 06' 0'
+1. ' 4+,0' :0 2.' ., 0*60' 1 .6' ,+ - ' +6' 3+.*41' 40' +1' <+ 0' .401' - .* 0 61' 06' 5 ' 06'
5 - + 2+8' ,1* 6. 0' 4020.6' 0+ - ' 09*' +,,0 1 0 - ' 40 9*06' 06' *' 5 +8' :0 2.' ,+*418'
1 4 *08' <+ . 0' <) 20.6' 4 - .9*1 + 6.* .0' 21*1,0 + + - ' < 3+.0' ,+ - ' 5.* . + - '
5. 8' 6' *+""' - 0" +8' 3+. - ' 5.* . + - ' 09*1' ,1*:0* 0' 3+0.6' $7 " 55+ - ' *' 0'
5.* .' 06' - .660' + 6.*.' *.6+ - ') /1 0 - ' 06 . - ' 0/' + 6.* .' 7.2+ 0' +6' *+""+ - ' 01'
+ - ' 3+' 71,' 09*+ - ' ;1" 8' 0/' <+ 0' 506 6 8' .6 1* 2+8' . - 2 +*6' - .<1 0' ,7. 6.60' .,'
20*0&1"0*6 .' + 6.*18' ,1 - 5"0/+ + - ' .55. 0.6' ,7.0"0 - ' 1" - ' - - .*+," 8' ,/'
.20" .J, 4 *.*4' .91* ' 06' .20"".0 . 6,) 0* 8' - .<1 0' *.6+' " .' *.6+ - ' - . 0+".'
5 1"0' 4, , 0*60' *' 50 - ' +,,0 1* 8' 616' 09*1 + - ' 04+,.6+ - ' 06' 6.*3+. - ' "5.'
* . + - ' 5 66, 50 - ' .: 8' +50 6R 2+8' 40 9*.6+ .' 5 3*1' 5.*1 + - ' .:1 0' .,,056+ - '
,+"6+ - 3+0

% $ ' ? P ' < ' 1 E ' ' ' + 7/ && &' &'
#' # $ 7' 9 3 $' 2 ' ! $

,+"6+ - 3+0 ' *+*,' : ,0' :0 . ' ' 0+8' $7 " 551' + 6.*.' - .6 0' 1 61' 0 9*+ *'"09 6 . 4'
+,,0 1*0' 40 0 .6' .09 0' 4' + 6.*18' - * - 0' 0 0' 4020 0' ,+ - ' :0 1' 1 - * + - ') '
5 *, 5+ - ' 6+ *' :0 1' +.0' - .<0 6.6 8' 5 06.6 8' 6+4 8' 0 - 5, ' .' 5+0 1' **+6 6.0' 7.*4
5 .0, 5+. - ' 0 ,' ,+ . - ' +6' 1 - * .' ,1*"" .' +.' ,19 6.6 1*08' :16. ' ,1*.6+8' .4' 0
9"1 . - ' 6.*3+. - ' .4' ,15+ - ' 4 9.6' .6"1*91' *1./ - . - ' 0 0' 3+.0 /' + 6.* .0' ,+ -
0" 3+.' 5.* .' ,1*<+* 6 1*0' .4' *1 - 0*' 7).*+ - ' 04+*4.6+ .' 6' +6 " 6.60 -
3+ 550' ,+ - ' +* 6 8' +6 + 3+0' 09*' : 2+8' 06' 15 2+8' *' 1 0*6."0 8' .,' 1,, 40*6."0 8
4 .8' .440' 7 8' ,.0' 1 . - ' - . 6 - . - ' 06' 616' - + 6 1*08' *' ,.0' .+, 2 8' .
. 60""0* 2+8' 06' + 6.* 8' 3+1*4. - ' 05. .6 - ' 0/, 6.6.8' 5 1 - ,+0' *+*,' 5.* 8
1 - * 2+8' .4 6+8' 5.60.6' 3+1' 7 6' *1 - 0*' *' 7 8' "1*9 *3+ 8' 06' :0 ' "+,0' 40 6 6+6 8' 5 1
: *, 8' .," +8' 5 1 - +"906+ ' 06' - 1 0' ,+ - ' 121 0' 2. 2. 1 + 6' .' :0 .' 0" 9 1*0
." 0*1 + - ' - 506+8' 5 15+" . ' 5 .6 ,.0' 405 .04.6 1*08' *1*' 2"+A ' *' 1,0.*1' 04
,6 . - ' *' - 04 60 .*,1' - . ' 5 17 20 ' 06' .4' 0&0 60*4.8' %+ ,1 + - ' + 15.0' - -
*0*6 + - ' : 0 8' 06 . - ' *' . - ' 20""+ - ' * , ' 51 6' %+ *' "+*.0' 4+/' $7 " 55
*1 - *0' 5 1 - 66 6' ' . - ,0' 08' 6 .* 9.6+ ' 06' 5 0', 6 .' . - 1 + - ' *0,0<(6.60 - ' "09 6
- +8' +,,0 %1 ' 40,". 06+ ' 1 0' +6' <+ .' *609 . 1 - * . ' " 20 6.608' 5 : "09 . ' - - +*
6.608' + 6.* .0' .":.0' - .*0.*6' 06' .' 5 *, 50' +1' ,1* - 0*6+ ' 3+14' +6 3+0' . "+ +8
1' 6' *03+0' :0 1' 51 6' ' 08' .4' . - .' 40:0* .6' G+.5 1560 ' 4, - "0' 06' 0* /0
3+. - ' 5160 6' 090 - ' 12 0, .6' +6' *' 71,' *0916 1' 7 6 .*.0' 0 ' / 1 ' 5.6 .0' - +"
,1* +".6' 06' *1*' 6.*6+ - ' :0"+6' +40/' *60 ' 5. 608' 040.6' 04' 6.*3+. - ' 5. 0*8' *606
" 2, 18' <+8' 4 ,.6' .,' $7 " 551' 6.*3+. - ' 5 - 90* 61' " 1' 09*+ - ' ,9 6 - .' +,,0"" 1*0
3+.*41,+*3+0' 5 + - ' 0* ,+ - ' 40,040 0' ,1*6 90 6' 40".6+ - .4<+4 ,06' .,' :0"+6
71*0 6.' +6' 2' : 402.6+ ' 20""' 40*+*, .6 1*0' 5 .0 - .' $7 " 55+8' ,+*4.' .4' 4' *0
,, ". .' 5. .6' ' 06' * ,1' +51' 0*41C.0' 1*40<. 8' - . ,7 1*' 09*' 0.51" 6.*' 06
' *61* 1' 2' 1"+ - *.0' (," .0' 5 1 09 2+8' - .*4.6' +6' :060 .*18' ,". ' - 51 618
,+ - ' .55. .6+' 20"" ,1' .4' .06 ,.0' " 61 .' 3+. - ' 5 - + - ' - 66.*6' 60 - ' - . ,7 1*
. - 1*6 8' 04 1".*' 5 1 09' *0916 + - ' 4.6+ ' .6' ,15 .8' 36 .8' 50*08' 07.20.6'
E,*+. - ' :0 +8' 60*40 0' <+20.6' $0 ' $06 - - ' 04 ,0 - ' J .*, 0' 6 + .0' 4+48' . '
6 0 - ' /' , 1' 504 6+ - ' *' 6." . ' 4+, 2+8' $ 1 50 1' 1"+ - *.' & *,0*6 1' . . . ' 06'
. 1 1(5 *0"" 1<' 50' 0 1*; - + - ' 14 1* ' ,1 - 60 - ' : ' , 1' *' E0 - .* .' ,1* , 2'
,+ .6' "' - 1/' 4 :0 8' 6 *0 2+8' 40"04' 6 2+* ' 3+' .4 6+8' *' $1 6+9."" . - ' 1 - * '
0/' 5. 60' 4 " 90*60 ' 12 0 :0*6' , : 6.608' 155 4. ' . ,08' 6+ - ' 0. + - ' 1" ' ,1 - - 147'
6.60 - ' "1,.' ,1 - - 0.6+8' +2:04 1*' 06' ,. 6 1 - - ' - 06.6 1*' 1551 6+*.' *160*6' 06' .4'
09, - ' 0 0 .*6' " ' +0 0' J .*, ,+8' &."0*6 . ' 1* .88' &. 9.' $06 +8' 0 - +408'
(.*4 +8' A1' .56 6.# *61*0""+8' "1,1 + - ' - +* 0*41 - - ' :. 40' 9*. +8' %+ *' J .*'
, ,1' ".2.0' 0' 61 - 0*6. .0' 5 .0 041' - .*4.6+ - ' +6 ' "5." - ' 5 1 04+8' 3+14' +"'
- +*0 8' 6' 0/504 .6' 1 - - 0.6+8' 50' 5 .0 0418' : ,*18' *' 5"+ 0 8' - 0* 0 8' 5 1'
: +8' A+ ' 06' E.2 0"' ' 1* +8' D +41: ,+8' 5 ,08' J .*, ,+8' &."0*6 . ' $06 +8'
." . ' . 6 *+8' U 91608' *61* +8' D 1 0*+8' 06' 140 ,+8' ?(.5.6.' 09 1*0* 8'
*9+"' *9+".8' ,9 1*08' 50' . 60"". - ' ,1* 0 20 0' "+ - - .3+0' 1 - * .' ., 02.6' $7 B
" 55+8' *, ' 3+14' 2' 4.* *1' :0 6 0' *' 20""1' E .*.60* ' 06' E+"06.0' 0/5+9*.6 1*0'
*+50 ' - 0 - *0 .6' - 5. .6+8' 55 - 0 06+ ' < 516 +"3+0' 4+,02.6' :0"' ,+ - ' - - 0* 8'
+ - 56 2+8' 5, ,+"1' *' 60 - 51 0' 5 .0:0 60 0' 3+. - ' 4+ - ' + - 56 2+8' 5 , 6+ ' 6.*6.0'
1,,. 1*' 400 0' + - ' 6. - 0*' , 06' 5160*6 . - ' +. - ' ,060 8' 5 *, 5 2+8' 1 - 41'
"1 . - ' 0 "0' *0,' 50 .6. - ' 6.*6' 09*' .,,0 " 1*0 - ' 5. + - ' *: 4 .0' .5+4' ,18' ,1*, .6+'
. - ' ,2"1 0 - ' 6.*6 8' .55. .6 2+8' 3+.0 02.6' ' \ . - . - 3+0' 5. 9' ,+ .:0 .6' 2' ,+ -
. - 060

'% '$ ' 5' ! ' ' ' ! 2 2' " *)' ' ! $' 2' !! $ - ' '
$!' 2' ' !# $' n' ' ! $' *%' $' '+ $' ' K' ' + 6 '
' ! ' '5 $G (# ' ' ' \'+ ' '57
. '

' .' . - 060' 70 1'156 - 0' ,566:0* 0' 06' ,1*<+* 6 8' : 2+8' 0/' ,1 - 5 .41' 0/504 6 1*0 - '
' ' "90 .* . - ' + ,056. . ' +6' 40<04 8'%+ 48' .4' ,1 - - +*0' 21*+ - ' "5 .* .0' 06' 2 , .0'
2 . - ' +6 *3+0' 5 . , .6. - ' 0440 0*6' < 06' 6. ' , 04 ' *' 6. " .' :1"02 .6' 06' .05 +8' 50 ,1*6. *6 '
51*6 , ' 3+1 + - ' 6. *6 ' .55. .6+8' 50 6 *0 0*6 ' 0 51* + - ' .' $7 " 55 ,1' 1 .61 0' +0 '
.6 ' .4' 20""+ - ' *' , .' ,1*6 .'%+ ,18' 90 0*4+ - ' 40 6 * .618' 0 0
' " ' 0* ,+8 ' 3+ ' 0/' ' .*0* 8' :0 2 8' 06' .55. .6 2+8' 20"" ' 3+ 4' " 2 ' $7 B
" 55 .8' :0""06 ' *1*' 9*1 . 06 ' 06' *61* 1' +"6 .' - 14+ - ' 12' 0. ' 3+ .0' 4 / ' * 46+8'
, ,6 ' E .67. * . - ' :0 1' . , .*6 * ' 4+, 8' +/1 0 - ' 50 ,7. . - ' 2 ' 04' - 5. 0 - ' ,1*6 .'
$7 " 55 ' 5160*6 . - ' .* - .4:0 60 06 ' 5 .+" .6 - ' " .2. 0' ,105 6 ' .' 01*0' * ,0' 0/' 1, 0 '
6.60' A0 + ' 3+ ' 0 ' .' . , 8' ,1* 4" 1* 2+8' 0 .6 ' 5 16 +8' 3+. - ' .' "09 .6 8' $7 " 55 , 8 ' +6' , 0 '
4 6+ ' 50 +. +8K 3+ ' ,10"18' *40' - 0 6 8' + 8' .50 618' 1 60*6. *8 ' ' .4' 0, ,"0 .0' 1 '
- .* .0' . - 5" , .6 1*0 - ' $7 " 55+ - ' 2 ' +, ,0 "2 0 - ' 40 9* . 06 ' 06' *40 - * .8' - ,0*8 '
' 6. *' 516, *6 8' 06' ,+*<+*4 ' " 2 ' 5 *, 5 8' 5 0,08' *09" 90 06 ' +50 6 6 1 + - ' . ,' - 06 '
,+"1 + - ' 0*0 - ' 6161' . 04+' * 6 1' *' E .67. * . - ' 5 150*40*60 - ' 5 .+" .6 - ' .2' 0 .' ." 0?
* . : 6 ' 8' 6. - 0*' .* - 1' .0 6+. *8 ' 06' *' *,0 61' ,19 6 .6 1*+ - ' ."1' .47+,' "+4+. *8 ' *0'
,19 ' : 40 06+ ' +6' - .<0 6.60 - ' .4' 5 .+,18' 4 08' 6+0 06+ ' , .+ .6+8' 2 ' .2' *61* 1' * '
" 4 .8' 6 + ' 06' ,1*"6" .' ,+ - ' ,1*6 .' 5+2" , . - ' 3+ 060 - ' 50 * , 1 .' .9 6. 0 ' *1: .8' ,15 .8'
.4' 5 ." .6 ' 09 ' 0,+ 6.60 - ' .551 + 6 ' 2 .+4' .6 8' 40*8' 8' 3+ .8' " 51*0* 08' 126+ '
"0 .*6 ' 3+ .8' *61* 1' *' 1, ,+"61' . :0 0' ,19*1:0 .6 ' . ,' 5 1 *40' + 50418' 7 .202 .6 '
9 6+ ' * 6. *60' " *0* ' 06' E7 61571 1' 1 .' .5+4' 0 ,+ - ' +6' $7 " 55+8' +, '
,0 "2 ' 40,". . 06+ ' 6. *40 - ' . .*+8' 404 6 ' 04' *' 01' " .21 .2 .6 ' 3+. .6 1*0' 0 1 , - '
0' *' <+4 , + - ' 5+2" ,+ - ' 3+. - ' 2 ' 0 : . 0' 402+0 .6 ' 404+4 . ' .4 - + - ' 0 - 0*4 .60'
51 "06 ' 6.3+0' *' . , . *1 ' 5"02 8' 6+ - +"6+ - ' :0 6+8 ' ,+ - ' $7 " 55 , 8' 6 .* 09 6 ' .44 6 8'
,1*4 6 1* 2+8' 40' ,0 6 8' 4 9* 6.6 2+8 ' 3+ .0' *' 09*1' 1" 8' + 6. * 8' .66 2+0 0*6+ '
506 63+0' 60 - 5+8 ' 4+ - ' *4 4 8' " - 0 * ' * . - ' *' + 20' < . - ' "+08' ,1*6.9 1 .' 9 . ". '
1050 .6 ' ,1 - 6 8' 6+6 +8' 06' - .<2 0' ,+ - ' 1 4 *+ - ' .55 12.6 1*0' 40,". .6 1*0 - ' 0:+"?
9. 0' 51 06 ' E1*4 6 1*08' ,1*6 *+0' .4 6+ - ' 5 .0" .6 .8' 06 ' .6 .8' 7 .20 0' 5 .0' 0' 0 06'
$7 " 55+8 ' 6. - 0*' 5 12.60' 0* , ' ,1* " + - ' *1*' 5160 .6 ' 3+ ' 40,". .6 1*0 - ' *' ,1B
- 6 8' 0 ' :1"02 .6 ' . - ' 0 02 .6' . :0 18' .' 0' + 6. *1 + - ' .* - 18' ' 6.3+0' + 6 .' 01 '
+ - ' :1"+*6.608' . ,' :16 .' 0/3+ ' 4' .+41 6.60' 09 .' 51 "0' 0* ,+ - ' ' ,+ ' ' 3+ 4' .2'
1 4 *+ - ' ,1* :0*6+' .+41 6.8' . , ,040 0' 402+ 6 ' 4' +"6 - 8' ,1 - 6 8' .2+*40' .4+ - '
0 0 ' 6. *6+ - ' 50 0 0 ' +6' 5 0' 5160 6.60' . ,' <+ 0' +1' +6.6+ ' G+ .0' 06 ' , 02 1' *' .+ 0 - '
' .' $7 " 55 , 8' .* / 1' 0* ' * + < . 0*6+ ' 6. - 0*' *' 5 151 61' - .* 6' ' 06' ;*4 ,18' , : '
6.6+ - ' " - 0 *+ - ' ,1* :0* 0' <+ " 6 ' .6+8' 0' 018' 01 - ' ,1 - 50"" .618' *' 0*60*6 . - '
+. - ' 50 6 .4+ + - ' *60 0 .' U51 6 0/' 50 ' $7 " 55+ - ' (09. - ' ++ - ' .5+4' $7 " 55+ - '
1 .61 0 - ' .9 6 ' 06 ' 3+. *3+. - ' .55. .6+8' 20"" ,1(' 3+18' . , .6 ' .4' 20""+ - ' , .*+ - '
40 6 * .618' 0 .6 ' 6. +60*' 5 1: 40 ,' 12' 02*6 1:0 . - ' 09* ' $1 6+9."" .0' +, ,0"" 1*0 - '
- 16+871:18' <21 ' 51 "0 ' 6.3+0A+ ' 1 , ' 4+/ "0 ' 01' *' *0916 1' .+4 6.60 - ' +. - '
*60 51*0 0 ' . ,' 5060 0 ' +6' 2 ' 0 ' *60 ' 5 + - ' 06' 0* ,+ - ' ,1 - 51*0*4 .0' . 2 6 + - '
40 0 .6+ ' E .6+ - ' *' 50, , - ' 2 ' * 6 1' 51*6 , 8' 1 , + - ' 0 0' - +". : 6' $7 " 55+8 '
A1. ** 8' (": .0' ,1* " 1 ' + +8 ' 06 ' 3+1+ 3+0' ,+ - ' 0* ,1' 6 .* 09 "06 ' : . 8' 5 160". '
' 6 1* 2+8' + 90*60 - ' (09. - ' "+4 , .6+8' 0 6 ' A2 ' :0 1' ,+ - ' 0* ,1' 6 .* 09 6 ' 6+ * ' 0 '
*+4 .6. ' :1"+*6.60 ' 0"51*4 6 ' *' 6. - ' <+ 6. ' .1' 4 .6. ' , .+ . ' ,+ - ' 5 150* .' 0* , ' *'
, .+ .0' . ,3+ 6.60' 50 504 .' 6' 20*0:1"0*6 . ' *1*' 15+8' 0 0 ' +6' . , . ' 0408' 5. 608' +.8'
60 51 .6 ' 060 + - ' 5 1' 6. - ' 09 09 .' :1"+*6.60' 9 .6 .8' "" ' .90 0 ' *03+0' , ,+ . 0 ' '
3+ 4' *, 40 6' 3+14' 6. *61' : *4 ,0' *4 90.6 ' 3+ *' 1 , + - ' 0<+8' - 5"1 06+ ' (+"504 .'
09 ' 0 .6' 51*6 , 8 ' +6' 06' ." 1 + - ' 5 *, 5+ - ' *' 01' *0916 1' :1"+*6.8 ' 06' 5 .0<+4 , + -

' ' GG'')'+3H5 H(3>' ! 1" 3' 5 '!%+'! " "1G('+' " >"3 ! H"+'! 31' G="3)3=1'))3=3
0' +)')2)!5' C2"3 2(("1' G!)3 !"3 G3==3B21' >'+ ' 3G +23&')5' G3= ?'('GG21' $ " "
' 0' B ' ' ' '% ' ' ' ' ?)&D ' '

<+ ʿ +1ʿ *ʿ 5 ., 0*8ʿ 09 .0ʿ - .<0 6.6ʿ *ʿ 51 60 + - ʿ 0 ʿ 0/ - .2.6ʿ 5 +4,*6 " - +8ʿ ʿ
5 *,058ʿ ʿ40ʿ7 8ʿ 02+8ʿ *ʿ 51*6 ,0 - ʿ,1 - 5 1 - 660 06 ʿ013+0ʿ0/0 - 5"1ʿ " + - ʿ 09*1 ʿ ' # ʿ ʿ
+ - ʿ. 2 6 + - ʿ06ʿ3+. ʿ<+4 ,0 - ʿ,1* 6 6+0 06ʿ 6.3+0ʿ<. - ʿ40ʿ 0* 4ʿ:1"+*6.60ʿ,0 6+8ʿ
06ʿ5160*6 .0ʿ +.0ʿ 02+8ʿ *ʿ 1 - *0 - ʿ0:0*6+ - ʿ5 1: 8ʿ,1* +8ʿ,1 - 6 1 + - ʿ3+.0ʿ - ʿ
504 0ʿ *1*ʿ 5160 .6ʿ 0/ 6+ - ʿ 0/ 504.2.6ʿ *60 0.ʿ .4ʿ "1,.ʿ0/5"1 .*4.ʿ - "ʿ .4ʿ $7 ʿ
A 55+ - ʿ 04 0 .*6ʿ V 0 - +408ʿ 3+ʿ 50 E ."0, . - ʿ *ʿ + 6.* . - ʿ 40 00*40 .6ʿ 50ʿ
4 140 ,ʿ, : 6.60 - ʿ0/0 , 6+ - ʿ,1 - - 140ʿ ʿ " 51*. - ʿ:0 +8ʿ *,040 0ʿ51 0ʿ,1* ʿ
- .2.6ʿ ʿ&. 9.ʿ3+ʿ.2ʿ."60 .ʿ5. 60ʿ.4 6+8ʿ"+ 6 .:0 .6ʿ5160*60 - ʿ0/0 , 6+ - ʿ , ,+*4+ - ʿ
8% .9ʿ 5. - ʿ 50ʿ .4.<18ʿ $.,0 - ʿ +9+ 6. - ʿ 1" - ʿ 4 . - ʿ - - 66,*4+ - ʿ,0* 02.6
&."0*6 .ʿ.2ʿ . - 1*60ʿ50ʿ %+ 406.* . - ʿ714 ,ʿ "9. 2 + - ʿ .4ʿ+ 20 - ʿ+ 3+0ʿ0/50ʿ
4 6+ - ʿ 60ʿ 0ʿ%0ʿ . 02.6ʿ 06ʿ *60 - ʿ6 0 - , 8ʿ 50ʿ ? *. - ʿ "+: + - ʿ ʿ 0 61". - ʿ3+. - ʿ
A+" . - ʿ ; 6 " * + "2:1"+*6ʿ.55+" + .8ʿ 6.+6ʿ6. - ʿ - 14 ,1ʿ !5.6 1ʿ *60 @041 ʿ /ʿ
"0+,. + - ʿ: 40" ,06ʿ0/0 , 6+8ʿ60 0 6 8ʿ.ʿ - . *1ʿ,1 - - 0.6+ʿ<):. ʿ51 "6ʿ $1 6 0 1ʿ
! *61*4"+8ʿ6+6 "" - + - ʿ 06ʿ,. 8ʿ.,61 - 0*6 8ʿ6 .70*4 8ʿ.,,1 - - 14+ - ʿ 60ʿ50ʿD$.ʿ
ʿ,0 - ʿ +9+ 6. - ʿ:0 +8ʿ#(06+ " + - ʿ1" - ʿ 0612 9. - ʿ - .97.ʿ. "0:0 .6 1*0ʿ, - ʿ
- .2.6ʿ " ʿ50ʿE ."04. - ʿ0/0 , 6+ - ʿ * + 6.* . - ʿ - - 66,*4+ - ʿ +.402.*6ʿ " ʿ
40*6 2+8ʿ4+,+ - ʿ 0*60*4 8ʿ6.*40 - ʿ5".,+ 6ʿ+6ʿ *61*0""+8ʿ *ʿ . 60)0* + - ,1* * .+ ʿ
.4 6+8ʿ0/5"1 . 06ʿ06ʿ.ʿ E ."0, .ʿ . - 1*60 - ʿ+"3+0ʿ" - 60 - ʿ"+ 6 . 06ʿ 6ʿ3+ 40 - ʿ 6+6+8ʿ
.2ʿ,.ʿ5. 60ʿ *ʿ$1 6+9."" . - ʿ.,,0 +8ʿ, %06ʿ G+.0ʿ4+ - 04+"1 +*6ʿ,. +8ʿ *, 4 6ʿ3+ʿ
9+20 *.61 + - ʿ.2ʿ 0* ,1ʿ*1 - *.61 + - ʿ 0, 06.ʿ7.40*+8ʿ*1 - *.ʿ.*60ʿ60 - 5+8ʿ 0:0ʿ
".: 6ʿ . - ʿ,+ - ʿ 0/ʿ " - 0 *+ - ʿ5 1 04+8ʿ0/0+*60ʿ 1:0 - 2 ʿ *ʿ 50 ,+"1 + - ʿ0/ʿ
40" 3+ 1ʿ - 1 2+ - ʿ *, 4 "%06ʿ+6ʿ5. +*ʿ.ʿ - 1 6+1ʿ.20"%0, 040 06+ ʿ - "ʿ5 16 +8ʿ3+ʿ
,.5 . - ʿ *ʿ - .<1 0+ 2 8ʿ60 - 5"1ʿ4051 6. - ʿ. 0 0*6ʿ 3+.ʿ .50 6.ʿ9+20 *.61 + - ʿ*1B
- *.ʿ5.". - ʿ 0, 6.6.ʿ +*6ʿ "ʿ0 .*6ʿE01 9 +8ʿ " - 0 4.ʿ+ 2 8ʿ. ,7 05 015+8ʿJ .*4 0+8ʿ
1(.4.ʿ,+2 ,+". 1 + - ʿ 09 1 + - ʿ5 *,058ʿ ʿA1.**08ʿ%0""+8ʿA1.**08 . ,. 09*.ʿ
06ʿ ʿ 4.,+8ʿ +5+8ʿ(1 .ʿ 0*.6+8ʿ<+ 4 ,ʿ5 .0 08ʿ< 3+ʿ - 1/ʿ ., . - 0*61ʿ.4. "ʿ!0ʿ<+/6.ʿ
09 8ʿ - .*4.6.ʿ ,9 + - ʿ.4 - * 6 .6+ 18ʿ 1/ʿ+6ʿ 0/ʿ .4ʿ"0ʿ 04 6ʿ<. - ʿ40ʿ$7 " 551ʿ
+,,0 "2 0ʿ40,". .*41ʿ,0 6+8ʿ $.+"+ - ʿ " 1* + - ʿ& " . - : 41 . - ʿ.4? .67. *. - ʿ
- 66 6ʿ 3+ ʿ 0 +*, . 06ʿ .5+4ʿ .* - + - ʿ ++ - ʿ,1* 6 6+ "0ʿ $7 " 55+ - ʿ 40ʿ ,+<+8ʿ<+ 0ʿ
2ʿ5"0*0ʿ,1* 6. 06ʿ 09*ʿ +,,0 1 0 - ʿ404. . 0ʿ 4ʿ "". - ʿ , 0ʿ:1"+ 0ʿ+6ʿ 0 +*ʿ
4+ - ʿ71,ʿ 02+8ʿ + 8ʿ+6 "0ʿ,1* + - ʿ,.5 .6ʿ06ʿ4+ - ʿ 08ʿ.47+,ʿ *609 .0ʿ +*6ʿ,+ - ʿ$7 ʿ
" 551ʿ .9.6

55ʿ ʿ " # ʿ,1 - 6 1 + - ʿ4 0ʿ:. ʿ - 16+8ʿ.* - 1 + - ʿ0 .*6ʿ . - ʿ." ʿ *B
61* 1ʿ .:02.*6ʿ06ʿ - 0 ,1 4 .ʿ0<+8ʿ.ʿ5.6 +1ʿ - 1 1"2ʿ *4 9*0ʿ7.2 6ʿ6.*902.*6+ʿʿ
,+ - ʿ 1"+ - ʿ 0/ʿ 09 .ʿ . - " .ʿ - . ,+"+ - ʿ +50 . 0ʿ06ʿ3+. - : 8ʿ 5+ + - ʿ6. - 0*ʿ*0ʿ
09*+ - ʿ.4ʿ0/60 18ʿ40:0* .6ʿ." 8ʿ5 .0 0 ʿ4020 0ʿʿ:16 8ʿ!.,6ʿ.,ʿ5"020 ʿ1 4 * 80+ - ʿ
+2"0:. < *0,ʿ*12 "6.60 - ʿ * ʿ - 06+ʿ.+6ʿ 50ʿ 0,". - . 0k3+.0ʿ 6ʿ0:.*+0 *6ʿ ., "0ʿ *ʿ
" + - ʿ,1* 0* + . - ʿ6.*6+ - ʿ 15+8ʿ,1*,1 4 .ʿ0 6,ʿ3+.0ʿ06ʿ!50 . ʿ51 "6ʿ " *61* +8ʿ
.67. *.0ʿ .,.*6 *.0ʿ " . - ʿ *ʿ+/1 0 - ʿ4+,.6ʿ ,ʿ0* - ʿ+6 3+0ʿA .6 8 .4+ - ʿ06ʿ40ʿ
,1 ʿ + 6.*ʿ*1 - * 8ʿ.63+0ʿ.401ʿ" 20 6.6ʿ5+2" ,.0ʿ,1* +"6+ - ʿ ʿ (04ʿ5 +40*6 1 08;ʿ
3+ʿ<+8ʿ0/ʿ5160*6 .ʿ - 06 02.*6+ ʿ *ʿ$7 " 55ʿ5. 608ʿ5 150*402.*6ʿ 06ʿ*12 "6.8ʿ3+1ʿ
- .9 8ʿ4,ʿ4 9* 6.6 8ʿ.,ʿ1 6+*. + - ʿ. - " 1*0ʿ50 ," 6.2.6+ ʿ01ʿ5"+8ʿ40ʿ +,,0 "+ 1" , 6.ʿ
.4ʿ0.8ʿ *," *.2.6ʿ - +"6.3+0ʿ *ʿ+6 . - 3+0ʿ5. 60 - ʿ4 5+6.2.*6+ ʿ3+.0ʿ,+ - ʿ.ʿ5 :.6 8ʿ
5.". - ʿ4 4ʿ50 ,+"1 + - ʿ, "%06ʿ50ʿ 0 56.ʿ +2ʿ *,0 6 8ʿ*1 - * 2+8ʿ0:+"9.2.*6+ ʿ 5.*ʿ
5 .060ʿ<+8ʿ ++ - ʿ,1 - - 14 6.608ʿ *40ʿ.4ʿ 7 6 .*+ - ʿ*1 - 0+ʿ06ʿ5 :.6. - + 6.* 9*ʿ
+6 " 6.60 - ʿ 04 6+ .8ʿ *ʿ - 04 + - ʿ5 151*02.*6ʿ,1*6 .ʿ ʿ 0,+ . 0*6ʿ50 ,+"+ - ʿ3+14
- - *02.6

- ! ʿ - GN4 " ʿ ʿ% $ʿ ʿ+ $ʿ ʿ , . ʿ / 4 ʿ ʿ " ʿ 2ʿ5 $ ʿ ʿ ʿ
$ʿ ʿ) ʿ ʿ 0ʿ] % A A$W#$ʿ X Aʿ (ʿ ʿ$ʿ ʿ,
ʿ ʿ / % $ʿ + ' ʿ ʿ+ ʿ : ʿ 0 ʿ " 0ʿ /ʿ ʿ& ʿ ʿ
. $ʿ ʿ ʿ5 #ʿ ʿ+ D ʿ ʿ ʿ D ʿ ʿ . ʿ 6ʿ4 ʿ)ʿ + ʿ ʿ ʿ
? . ʿ% . $

- * *02.6 - +"6 8 0/61""0*608 *. - 3+. - 5160*6 . - 5.* 8 5. 0 - 3+ 3+16 08
) " . * . - 1:0 *6 .*, . - ,.56 :. - . , , 0 5 1,+ 08E0 - .* .0 *6 + - 57+ - 4+,0 0
+ ,+ - * +9. - :0 60 0 0" 6. - 0 2. 2. 3 + - ..* 2 8 0 50 0 0/0 , 6+8 71 6 "0 8
A 5. 0 43+0 4 +6+ - 1 .401 70""1 0"9 ,1 1,,*5.6 51 *6 3+1 - 141 "" 8 0 60 0
51"%0 + 6.*18 06 +6 .* - + - .4 20""+* + 6 *0*4+ - 12 6 *.:0 *6 3+0 * 0/ 6+ -
1 0 * +6 09+" *4 . + - " 61 . . 7 6 .* 8 * 0" . *60 0. 1,,+50*6 .+ "1,.
* ,.0 1 . 40&. 60*6 E."" 06 *9" * * +".8 *:.4.*6 06 6.*6+ - - 50 + -
* 0 0 * 5. 608 ".,0 .6+ - - .9*1 *1 - * 8 7 6 .* 4040,1 0 ., <.4+ . 1 - * *1
4 2":.6+ . "6. 06 * 14 . - E." , *1 - * 8 .4402.*6+ 3+ 550 5.* 8 *+"". .
*18 0/.9 6.*4 1,,. 1*0 - 5 1 - 1 0 +1 5 .060 - 660*6 2+8 4 0. 06 ,1*6 . 8
, 56 8 0"51*402.6+ 06 5160*6 . .401 1 - 41"1 . 5.*1 - - 0"0:.2.6+ 1 8
018 5160*60 8 06 * 5 .0 4 8 0 ;.*4 8 1,,+5.618 0 0 41 - *1* 50 *40 :."0 0 +2
*0, 5 1560 1 " 60 " 6.60 - 0/0 , 6+8 ." *03+0 12 . 50 6.60 - "1,1 + - ,1 - - 140
404+, 51 " *6 4 70""1 E .*.60* *+50 0/50 - 0*61 * 9* ,1* 6 6 0 3+14
,1*6 . 0/ 9++ - 71 - *+ - *+ - 0 + - + ,056+ - : / 0/60 * 8 15 2+8 6161 6 0** 1
*0, * 50 21 *.618 * 4 .61 ,8 5 +8 1,, 8 4+, 2+8 ,1* , 516+ 6 . - . .4 60
1 0 - $7 " 55+ - 1 60*6. 0 3+.0 - 1:0 0 *0,0 "0 6 ,19 6.6+ + - 5 +40*6 *+ -
5 *450 - 3+.*6+ - 5, ,+" 0 71, 70""1 .4 0"9 + - ., ,040*60 1,,+5.61 *40 .
.+ 8 *40 . E."" 8 06 *9" 8 ., 51 6 0 - 1 .2 6." . 3+.0 .4 . - . - 6.*61 + -
- 16++ - 1 6. ", ,20"".6+ . 6 0140 - 60 - 51 0 - 50*40.6 6 7.0, 6. .2 +6 .3+0
5. 60 * :+"9+ - <.4.2.*6+ - .3+0 0 .6 . 04++ - * *9+" 8 ., 2 5+9*.*8 4
5. 6.8< ,+ - *12 " 6.8 3+.0 ,1* ^ 1*0 *1 + - 5 6 *. - 4 9* 6.6+ - 5 .0 19.
, :. - . - 660 0 06 * 1 4 *,* ,19 : 402.6+ 6. - 0* 40 +6+ 1 .*/ . $7 " 551 6+
40 06 < 5"020 +8 06 .,0 1 41 3+ - .9*. 0/ 5. 60 0/ 5"020 1 ,1* 6.6 3+ 3+0 - .9*.8
,1 - "14 6.608 06 *1* *,0<6. "+, . 0/ , . +* 1*0 50 . 0 5160 .6 5 .051 60 1 0/60 *
41 - *.6+8 14 1 * *61* 5. 608 * .+ 61 06 *.+ 5 , .61 . - 1 0 0 0*6+ 6 D ,
" 55+8 3+ 2 ,+ - ,", ,1 , 0* ,+ - &1,.2.6A1.**08 (":. ,+ - 515+" 8 5"+8
" *9+. 3+. . .41 , 1, 2+8 40 09*1 *+"" 8 - + * 6 1* 2+8 - 1 *0, +"" 8 20"" .5
5. .6 2+8 * 6 +41 06 12 0,0*60 - , ." . - 6.60 - 1 - * 0 0 50,+* . 0/7.+ 61 0 - 0"%,
*60"" 90 06 40,". .6 1*0 - ,". - 5 1 - . - 50 "09.608 + 902.6 3+. - 506 .6. :16
,1 - 518 0:.402.6 < *09.6. <+ 6+ - . * 8 .2+*40 5 .05. .6 8 1"1 0 - 5 .060/02.6
44 !R (* :0 .6 .**+8 . ."+607+ - .*. +5 . - ""0 * + - 06 3+ *90*60 - + - 141
90 - +8 - +"6 8 0 2+8 90 6 8 6161 2 20 - 0 - 1 .2 " 8 04 + 6.* .0 * 5 - 8 *1* 1
"+ - 20""1 +*0 6 " - 1 04 60 " 6.60 ., "+0 ,1*6.9 1 . 3+.0 # " 51*.0 5 .0, 5+0
.0: 6 .6." 8 1 6056 0. 6.6 " 0/.* - .2.*6+ < 06 *,0 6. 0 0 0 - 04 . 0 .*6
6.*40 - "0* 0*6 . - .9*15 1 04+.47 2 6. 06 ."+6. 0 - +* ,1 * 8 06 ".5 4 8 0 1.
* 516+ + + - - +"6 0/50 60 +*6) 28 ,.4.:0 2+8 5. - ,.602.6 .401 +6 ,10 - 0
60 8 5. " - 5"0* 8 0/6 . 51 - 10 + - ,1 51 . 0/51 6. *0,0 0 +0 6 .9*. *B
60 - - .9 .6+8 1,1 4 . 3+ *0, , : 6.60 50 0 5+ , . : .8 5+ 9. *03+0 41 - 18
+ 504.8 *16. .+6 * 04.8 - +*4. ,+ .2.*6 0 0 6. + 28 : " 6.*6+ - 06 *15
5"020 * 0. 0" 4. + - 3+0 :0 0 .41"0 ,0*8 - ."+ - 616. .0 6.60 - .9*.8 6 .908 04
4 06 +2 .+6+ - *+ - 0 - 6 - - .*+0" $1 6+9.""+8 06 4.,+8 (."0*. . , : 6.60
.4 ,1 - 6 . 40"04 +0 .*6 3+18 0* ,+8 .4 - 660 0 *1"+ 6 6.*3+. - 04 6 1 18 01
3+0 71*1 6 6 8 *4 9*18 5 1*+*, .: 6 * 3+1 + - "1,+ - + 04 +*6 $7102+8
4 +* 8 06 - - .*+0"U (1 . $.,0,+8 (."0*.0 090 - *60 50"".*6 3+. 41 + 0 +,
,0 1* 8 *,1*7 "61 515+"1 6 .* 09 "06 ,+ - 0/ 0 51*4 "%06 4 ,.56+ - 515+"
+50 . 0 .50 20 05" ,.:0 .6 63+ *1* 40 ,.56+ 515+" 6. <+4 ,.2.8 ,+ - 0 *
090 - . / - 5 6 3+. - :1,0 - *1* 1"+ - " 20 6.6 8 04 . 19.*6 .0 5"0*. - 0*B
,+8 .4 .* - + - 0:50.:0 .6 $1 6 ""1 1 - .+60 - - *0 - . - " . - 0/ - - ,
+ 504. -

' ' ' ' ' ' ' ')' ' 0 0

1"50 6.*'7.2,2.6'0/'A1.** 8'#E. 4.,',5 ,15'1,,. 1*0'71- * 8' 5, 2 -'3+' G 0'
,6' ,* ,+. '.*603+.-' 0/'0 06'5 .0' 0',1*60-5 0 .6'06'.2'01'- .+8'71*0 6.0': 6.0' ' # ' =!
,1*: 0" 8',+-' 1-. *', 6.6+8'4 06' .': .3+,' '$7"55'. . .*'40",40.8'.4' 09 8'
,1* 5,4 +*'.4'- *'*1*'516+ 06' 401',1*6 .')6- -3+0' 090.'14 +-',.5 6."0',1.'
,,5, . ' *'5. 6,-3+,',1* "1 +-',1*6 .' 5 18' * 61 +-',+-' "1. +-' .6 0-'50 '
6 .7, ,'*,3+ : ,6'J .*, ,+-' & - 1 ',1- 60-' "+-'0@+8'06'+* :0 .*' .- ".-'
.2' 0* ,1',6'$7"55'5. 6 2+8'."0*.:0 .6'06'.6' *61* ',.+ .-'.4<.:. 0*6'-.9*1'
+1' * 1 6+* 1'5, +. 0 .6' %.*40-':' 4'A.*' .46+*',1- 6 8' * 6 +-'.2' *61* 1'
U $*, 1' , ,* '05 ,151'3+',1-51 6.'1 .6 1*0' ,1 .-'40"09.6 8'3+.-12 0-'
' 0/':0* 06'.50 +6'+6'40' +,,0 "2 0' *' 090*'4, 9*.*41',1*,1 4 2+8'1-* 1-'
:16 8'.9, ,6+ ' *4,'51 6'9 .6 .8',1*:0*6+8'*1- *0'.2' - - .*+0"0'(1 .'$.,0,1'.(.8'
4 00 "+-'0 6',6'.4' J.*+- ,*,8'1" -'(,.".2 - ' ,+A+)+-'5 .0 4 +-'4 4+-'
'."6, . %.9' 5.' . "9.6+-'40"09.6 8'71"5 6 +- ' "51 61'.4'(' .*, 0',1*:0'
* 02.*6'+6'40' 05+2",.',.5 6.',1* 0 0*6' 19* 61' *60 -' 0* ,*-'.4'$7"55'
5. 608'5 15 *40 ,' - - .*0' 3+.*6+-' -+"61 + - .* - ',1- -16' "*6' .,'5 .0, 5+0'
1* -2 ,.,'+2'40' *61* ' *' 09*1'<+ 0'<. -'" ,0*6 +8'3+.-'5. '0 .6'5 0 3 0'"1'
3+02.*6+ ' G+.-'"20 6.60-' +6 .'50' . 6 *+-'0 1 0.-'(":.*"01'- " -'0'
.,*. ,' 0/',1*.6+8'0 6'06 .*' . ' 1* .":1' .,0 1* 1'+ 2 8' ;*4 01' *',. ,0 0 7'
12' 4',1*<041'3+'-1/'4 - ""+8'0 6' $1 6'."3+16'4 , +-'J5.6 +-' , 0<* 8'05 015+8'
.4', : 6.6+-'5 1,+ .61 08':0* 6' 0* ,'*1- *0''06'$7"55+-' .05 +8'0+-' *60 50"'
".",'4 , 6'+6' 0' 09*' +,,0 "2 0-'40 "9*. 06' 04' 090-' 0 *50' 0-'4 6+" "0'41*00'
40'<+ 0'5. 6 +-',1*60*40*6 +-'5"0*0'041,0 06+ ' 4'0+-' 04+"1'.2'01'60-51 0' ,'
0 "0',6' -.6+ 0'50* 6.6 8'06'0/.-6*.6 8' *'-04 +-'+*40,+*3+0'."".6 8' .6 1* 2+8'0/'
5"1 .6 "3+0'50 61 +-' 0*60*6 8'6.*40-',1-50 , ' *60'$7"55+-'06' .67. *.-'
$.,.*6 *'4+, 8'+/1 0-',1*6 1:0 ".-' 0-.*0 0'3+.-' 0*60*6 .'4 -0 ,',+-':.'
4.8'12',.+ .8'5, ,+"1 +-' 6' +50 0 "0 +6'.- ,0',6'5.,.6.: . 086 .* 9.6+ '5 1 *40'
""18' -1+, 0'+6' *',1- -+*0',1* ".*6'3+1'0/'01 +-' 0*60*6 .'40' 0'1-*'.4'4 '
9"1 .-',6' + 6.*' 09*'40,+8' .,'6 .*3+ ""6.60-'40 * 058' 6.6+.6' 8' *15 *.6+8'
+ , +8'.* -18' ;*4 ,1 +-' + .-150 0'50 ,*"6'3+ 550'3+' 0-' *609 .-'0 0' .6'
71,'.9'5+6.2.*6'.4',"04 1*0-'*0,*,'.4- 660 0*6+ ' 6.3+0' - " 8' 0' +1'*+-0:1'
8'$7102+8' +* 8' 090 .' 19.: '+6' +' .6 1*0*' *'0"04 1*0'7.20 06'3+14',+-' .'
, *4,' <+/6.',6' . 19.*60' 0, "06' 0/' +,,0* 0*8' .,+*4 .-'0<+8' - *+8' -140 6.-'
*.'05+ 6'3+.-' "R' *90*+0'.9*1 0048'6.*3+.-'.'<+6.',.+ .'5 1 04.-'0/,+ .: '
3+14' 5 +-' : 4,.6' ,1* 6 6+ %,' . 60)0* 0-' *1*' + 6.*+-' 09066'40 9*. 0' 4'
""18'*1*' 1"+-'.4' .* ' 04'.4'40 50 .6 1*0-'.4 90 0'*.-' 0'0/5060 0' +6' 090-'
3+0 *':0" 6'40 9*06'-141' + 6.*+-',+'51 6' 5 +8' -1 60-' *6'5. 6+ ' &0 +-'
90- *.6+8'.2' 0* ,1'-1/'*+*, +8'*1*' 1 +*'7.*,'4+2 6.6 1*0-'4 0+ 6' N4'-.'
<1 0'50 6+ 2.6 1*0',1 .-1618'<.-'.* -18',+-+".: 6' .-'40-' 0 0* 8 05 015+8'
*' ' 08'0 "0'4 / 6'+6' * '6 .* .4 1*0',1-51 0 0*6+ ' 0/'5 -0'3+13+0'60-51 0'
5 1*+*4. ,6' G+.' 9* ,.6 1*0',1- -16 1 08'3+.-'.*60?'.)18'1 4 *08'.40+*6'06'
' 0',1- -+'.4:1,.6 1*0-'51 0+*6' %.*40-' 0/'3+'6.'. 04 8'.* - 8'5 1*+*'
, . ,' *60-50 6 :+-'0/ 6 - . 06'06' ;*4 , 8'+6'40' 0'.- ,0',1-51*0*4.',19 . 0*6
*,3+0'5, "+.4, ,'*03+0 0-'.4'5.+,1 +-'<+4 4+- ,+6 60*6.:0 .6'.44+,0 051'
06'506 6 1.'5 1,+ .61 +*'. "0* 6'06'+6' 5 8<"6 1*08' 2'3+.8'.4',"04 1*0-'*4'
- 66'4020 0*6'.""095 0' *6 .'6 4++-'" ,0 06',1*,0 "6' .06'0.'9 .6 .' ;74 0'
3+14' ,' 090-'. 2 6 1' +1', 0.6+ 08',1* 40 0*6' 090-'.40+*6'9 .6 3+0'.4 8'
* 6 + -0*6.'0/'.4 8'5+2" , 8'+6' 2'40 0 20 0'" ,0.6'60-5+ 3+0'?2 4+'5 14+, '506+76?

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-' ' ' 'D' '*' ' ' ' 13 ' 16 " ' ' ' '!" ' / ' c< ' '
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ˢ 0ˢ 5 1 ,. 0* + - < ."60 . -ˢ 50ˢ *1:.ˢ , 5" 6ˢ *61*ˢ+8ˢ ,6 .
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<+20*6ˢ

ˢ; ˢ7.*4ˢ 4+ˢ9.+4 1ˢ 1" 41ˢ . ˢ "" 8ˢ" ,+ 6ˢ5 4ˢ ."ˢJ02 ˢ 0* ,1ˢ0/6 *4"1ˢ'
3+ ˢ +2ˢ - 04 . -ˢ.1 60 -ˢ71 .ˢ06ˢ - 1 - 0*61ˢ .ˢ ,ˢ5 .04 ,6 8ˢ *ˢ40" 3+ + -ˢ *, 4 6ˢ,+ -ˢ
0140 -ˢ60 - 51 0ˢ +*.ˢ40" 3+ + -ˢ5.6ˢ *, 50 06ˢ3+1ˢ40 3+ 1ˢ +*.0ˢ40 *0*60ˢ06ˢ 5 ,ˢ
*ˢ: ; 8ˢ0 0ˢ40 6ˢ,+ -ˢ0.40 -ˢ71 .ˢ.*60ˢ ˢ.**18ˢ< ,+6ˢ.ˢ,+ 1 8ˢ12 , :.6+*ˢL
. 6ˢ *ˢ"+,0 -ˢ04 6+8ˢ0 06ˢ 8ˢ5+2" ,.ˢ,.". - 6. 0ˢ.4ˢ 09*+ -ˢ:2,.6+8ˢ 090*41ˢ - 50 1ˢ
- * - 0ˢ5. ˢ06ˢ,+ -ˢ ""+4ˢ 1" - ˢ (02. 6 .*1ˢ5+0< 1ˢ .4 - * 6 . 0 ˢ,+* 6 8ˢ40 50 6+8ˢ
06ˢ3+. - 4 +ˢ ""+4ˢ60*+ 6ˢ 14 1 +8ˢ6.*40 - ˢ,+ -ˢ/ : ˢ - 0* 0 8ˢ 09*. 06ˢ 09*+ -ˢ*1*ˢ
6. *ˢ"09 6 - 1ˢ +,,0 1 ˢ.4<+4 ,.*4+ -ˢ3+. -ˢ5160*6 1 ˢ14,+5.*4+ -ˢ 0" 3+ 6ˢ $1 6ˢ
0*6 , ˢ - 1 60 -ˢ 4.6 -ˢ.50 6.0ˢ60 6. - 0*6ˢ.*60ˢ : ˢ - 0* 0 8ˢ,1*4 6ˢ6.2+".0ˢ< 3+ 2+8ˢ
"0ˢ +,,0 " 1*0 -ˢ 097ˢ0ˢ4, 0 02.6 3+ˢ,.+ .ˢ *ˢ@+ 0ˢ4 0056.6.ˢ: *,0 06ˢ*A ˢ 5 0ˢ.*60ˢ
- 1 60 -ˢ,.+ .ˢ5"070ˢ,19* 6.ˢ<. -ˢ0+ -ˢ*1 - *. 06ˢ 0, 6.6.ˢ06 . -ˢ3+.0ˢ9+2,* .61 ˢ
2+8ˢ4.6. +0 .*6ˢ - .*4.6.ˢ+6ˢ *60 09*ˢ60 - 51 0ˢ4+,08ˢ ,1 - 608ˢ - . ,7 1*08ˢ , 0.60ˢ
. ,7 05 01518ˢ06ˢ05 01518ˢ * 6 6+0 0ˢ ,1 - - 0*4.8ˢ06ˢ." .ˢ20*0 , . ˢ3+.0ˢ0 / / :ˢ4+,. ˢ
61 + -ˢ. "*+1 + -ˢ 04 6+ -ˢ,/,040 0*6ˢ ,1* 0 0ˢ40ˢ.0 . 1ˢ12ˢ 20""ˢ6.*6+ -ˢ *0,,"" ˢ
6.60 -ˢ6.6 0 0ˢ51" 0*6ˢ %+ *ˢ - +8ˢ1 , ˢ9 .6 .ˢ.4ˢ9+20 *.61 08ˢ.ˢ ;*4 , 8ˢ . 6 *+8ˢ
1* .":+8ˢ.ˢ 1*6. .ˢ3+ ˢ1" - ˢ +2ˢ (02. 6 .*1ˢ 0 + -ˢ9+20 *.,+" 8ˢ .4 - 1 +8ˢ 12ˢ. ˢ
50 18ˢ - 1 08ˢ06ˢ *0/1 .2 "0ˢ *90* + -ˢ51 6,.ˢ"1,1ˢ - 16+8ˢ +0 .6ˢˢ ,06, + -ˢ.ˢ$7 " 55 ,.ˢ
.4 1*0ˢ." 0*+8ˢ 4013+0 5"02ˢ9 .6+8ˢ $0ˢ0+ -ˢ.ˢ9+20 *.61 2+8ˢ506 6+ - ˢ+6ˢ " ˢ
- 0 *1ˢ4 0040 0*6ˢ06:J.*+ - 0*08ˢ,1*,040 0*6< .4ˢ + - 56+8ˢ - *+0*418ˢ,1* ˢ
4+ "ˢ.2ˢ 0* ,1ˢ 6 5.61 08ˢ4 - 660 0*6+ ˢˢ5 .0 4 . *ˢ" - 60ˢ - .,0*6+ ˢ"09.6 1ˢ
.4ˢ51*6 ,0 -ˢ40,0 *0 06+ ˢ+6ˢ5. 608ˢ +.8ˢ *60 51*.6ˢ06ˢ$7 " 55+ -ˢ3+1ˢ - *+8ˢ20""1ˢ
0880 .6+ ˢ.+41 6.60ˢ +. - 504 .6ˢ< ."60 .ˢ 60 -ˢ .4ˢ$7 " 55+ -ˢ40,0 *.6+ˢ"09.6 1ˢ
3+.ˢ20""ˢ*0,0 " 6.60 -ˢ405 0,.6ˢ<+8ˢ0 ˢ ++ - .":+ -ˢ 1 0ˢ5 1 - 66.*6ˢ< ,1*6 .ˢ5 0*". ˢ
61 ,8ˢ06ˢ + 6 .9 1 + -ˢ,1 +561 08ˢ 0:0 0ˢ .*3+ .6+ ˢ 4ˢ 0.ˢ 0 51* 6/ -ˢ.ˢ9+20 *.B
61 2+8ˢ 0ˢ3+. -ˢ5 % + -ˢ 4 00 "+ 18ˢ 04ˢ3+1ˢ 6+ ˢ 6*6ˢ*03+0ˢ4+ -ˢ,1* 6
6+ "0ˢ06ˢ*0ˢ*+*,ˢ0:+"906+ˢ0/504 60ˢ ˢ ,060 + -ˢ*1*ˢ51 "0ˢ4 - 660 0ˢ - 60 -ˢ.2ˢ 0*B
,1ˢ,1*4+ 6+ -ˢ.4ˢ6+60". - +. - ˢ06ˢ01 + -ˢ3+ˢ40ˢ 09*1ˢ,1*60*4+*6ˢ*0,0 . + -ˢˢ
40ˢ - .*4 8ˢ *ˢ" - 60ˢ5 .0 64 8ˢ5 .0, 5+. -ˢ,+ . -ˢ 1 0 ˢ ,9.6 1*0 -ˢ<. -ˢ .4ˢ$7 " 5B
5+ -ˢ40, 06. -ˢ< 40"041 3+,ˢ 1* - 2 , .0ˢ05 015+ -ˢ06ˢ - - .*+0"0 -ˢU 0"1*0* ˢˢ
.4ˢ51*6 ,0 -ˢ*1*ˢ 15+8ˢ: 40 ˢ+6ˢ"09. ˢ5 1ˢ60 - 51 0ˢ - 66.*6+ ˢ 4<+"6 - + - ˢ *ˢ
5 0* .61 08ˢ.,ˢ - ." 8ˢ. 6 2+8ˢ") .9 .ˢ,.56.*60 8ˢ 0:0 0ˢ .* - .4:0 + 18ˢ 0ˢ 0, 5 +*6ˢ
$06 0 .6ˢ06ˢ$7102+8ˢ h+* 8ˢ+6ˢ6 08ˢ0/ˢ9+20 *.61 2+8ˢ6.*3+. .ˢ + 50 6ˢ 0 - 1:0 0*6+ ˢ
." 3+0ˢ *ˢ01 + -ˢ"1,+ -ˢ40" 90 0*6+ ˢ 04ˢ,1*6 .ˢ * 6.*60ˢ"09.61ˢ06ˢ 0 -ˢ - . -ˢ - 1 ˢ
:0 ˢ 1, 0 + -ˢ 6.6+ˢ50 ,+"1ˢ - * - 0ˢ,. 0 0ˢ4 4 6.*60ˢ* 7 "ˢ **1:. ˢ5".,+ 6ˢ 4 ˢ
0 .*6ˢ .,.*6 +8ˢ06ˢ05 015+8ˢ$. - 0* 8ˢ 06ˢ5 1ˢ5. 60ˢ3+ 3+0ˢ +.ˢ*0916 + -ˢ + 90ˢ
2.*6ˢ * 6.2.*6ˢ06ˢ$7 " 55ˢ1 .61 08ˢ +6ˢ 0,+*4+ -ˢ 090*ˢ ++ -ˢ3+. -ˢ5 - + -ˢ5 1ˢ
+, . 06+ ˢ 1 - 5. + 6ˢ +2ˢ 4ˢ60 - 5+8ˢ06ˢ *61* +8ˢ3+ˢ.*60.ˢ".602.6ˢ 0* , ˢ . -ˢ
&0 6+8< 06ˢ " " 51*.ˢ3+1ˢ *ˢ1,,+"61ˢ :0*0 .6ˢ3+14ˢ - +"618ˢ<. -ˢ. - ,18ˢ 0/ˢ5",20ˢ
, ,.ˢ,ˢ7.20 0ˢ4 ,0 06+ ˢ.ˢ9+20 *.61 2+8ˢ .,0 "0 0ˢ<+"%+8ˢ " - .4. - /1*,0 6ˢ *4,ˢ
0ˢ8 ,67", - 6 ,1 - 1*. 60 1ˢ.401 - 6 .ˢ,6ˢ9+20 *.61 08ˢ4.6ˢ" 60 .8< 06 3+14ˢ .4ˢ+ 20 -ˢ
:0*0 6ˢ 0/,+".6ˢ5 4.6 8ˢ1 , + - ?ˢ+6ˢ5.6 +1ˢ<+ 6.ˢ 0440 0 ˢ0.+ .6+8ˢ %+ * ˢ+6ˢ 0ˢ
,1 - - 0*4.6+ -ˢ 7.20.*6ˢ ,* /0ˢ 19.6ˢ8 +. - 3+0ˢ151 . -ˢ 5 1ˢ 09*ˢ 6 .*3+ "" 6.6,ˢ
3+. - 40 - "051 0 6ˢ40 0 6ˢˢ &ˢ ˢ ˢ

ˢ " # ˢ 0* , ˢ - 1 60 - ˢ,+ -ˢA1ˢ .56 *61*0""+8ˢ .4ˢ$7 " 55+ -ˢ ,4 ", ˢ
6.*40 -ˢ40, 06+*ˢ 1 6ˢ +6ˢ506ˢ ˢ$.,0 -ˢ +9+ 6. *ˢ0/0 , 6+8ˢ5040 6 8ˢˢ 0612 9. -
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= .) - # 6 # ˢ ˢ < ˢ 6 ˢ.J 1 ˢ Φ/ 0ˢ < ˢ ˢ ˢ ˢ ! J ˢ
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4+,0 06+ ,14, - 3+0 60 - 51 0 - . 6 6*.0 ,15 .0 .4 " " 51*. - .550""0 0 6 0. *
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,. 6,"". .4 12 03+ + - ,1*,0 + .8 $0 06+ . - 3+.0 6 0 - .4+ . 714 0 0 6 09 1
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& A".4. .0 (. - 0*61 5 .0 0 6 8 .66 2+60 %+ - 5 1,0 2+8 - .*4.6+ - 3+ . ,08 *
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,9." 8 ,1 - 608 0/ E."0, . - 506+ - .,0 0 E. .8 (. - 0*6+8 0 4 *.*4+8 1 -
60*09 +8 * +". - * * 1 6 1 1,,+5. 0 A1.**08 05 - 0*60""+8 0*0:0 6 4.,+8
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"2+3+0 , 4+/ 0 .*4+8 * ,08 & "".*1: .0 - . ,7 1 +18 - 660 0 <+"E " *6
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, 2+8 " . - 1*6 1 06 E 2 ."01* 1 - . ,7 1* 2+8 3+ 50 5."0* 0 - .9 + - *
%+ 406.* . - *9 0 + *6 1*6 . 0 . - 1" - $.,0 - A+" . - 1551 6+8A1.**08
U$.,,,+8 (, .": - . ,7 1) 2 :0 1 40 0* , - 1 60 ,19*1: 6 $7 " 55+8 6.6 -
.4 9+2, *.61 ,8 1 4 *+ - ,1*:0*6+8 06 ,. - 0 . - " " 51*0* 0 . 4.6 " 60 .8 0140 -
0 0 , / , - 5"1 3+ 2+8 50602.6 +6 0 <+/6. 0* , .:+*,+" :1"+*6.60 - 3+.*41 40
<+ 0 +1 ,+*4 8 .2+*40 ,1 . 6. 06 *0 4 ".6 170 090 - 40,". . 0*6 3+14 .,0 0*6
5. .6+ - 0 5 : "09 . ., " 20 6.608 .2 - - .*+0"0 .:1 ,1*,0"%.8 ,1* - . 0 06 *1:.8
15+8 0 "06 7 8 .440 0 0(+ . 0*6 . - 8 <+8 ++ . 50 03+ 40, 0: "0 : 40 0*6
9 6+ 06 3+14 0 0 +. 0 06 0" 90 0*6 4 0. +* :0 0"51*40*6 06 : - 405 0,.6
$7 " 55+ - - 1*0*6 6.*6 50 + 6 *0.6 ,1* " + - 4+ . "09.6 .4 0+ * - " .+4 6
+0 *6 + +8 70 , 5. 608 +.8 51*6 0/ *60 51*0 0 :1"+ 6 50 $7 " 55+ -] (09. -
3+0* +6 5 +8 "+4 ,.6+8 $7 " 55+8 01 - .9 8 2 .,,0"0 .74+ - 4+/ 6 06 ,+ - <. -
,15 .0 0/ 6." . .,,0 6.0 ?E.40 8 :0* 0*6 3+.8 J.2 6 +8 1"+ - *. 3+ +2 4
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, .6 - 50 .61 0 3+0 - 0/ ,+ - .* - 1 +1 4 + "+4.6+8 6.*40 - 0 "0 :1 + 6 0 4 *.*
4+ - ":. + - %1"06.*+ - "2.0 4+,0 -) C04. - 12 0.8 3+.8 +5 . 4 / ,.+ .8
0"09.6+ - ,+ 50 E.2 ,"0 - ; (. . - 06 A1.**0 - 0"9."4+ - .2 05 61" 8 9*
,.: 6 +6 .4 V 0*. - * 06+ . .4 0/, , 6+ - 0 ,1* 0 06 2 3+0 - .*4.6. +. 150
06+ 8 616 , + - 90 6. + - 9"1 . . - 1 +8 4+/ :0 1,,+"6. *: 4 . 3+.0 + - - 8
Q 8 * " . .+". 5 1 : 6+6 8 5 .0 - 1 050*4 2"06 :0 12 . 6+* 06 * - . - . 1
9 + 6 . - 09 *: +8 !*. - 3+14 40 J 40 , " ,+"5. ,+ 5.60 5. 6 , 5.: 6 - 0
- 1 16+ "0: *8 0 6 3+. - +6 .4;0 +8 616 - 0 6. 5 .0:."0 0 516+0 6@ 0/ " + - ++ -
- 5.6 0*60 .4 - 14+ - 0 02.6 06 ,+ - : 40 06 *3, 51*6 , 8 ." 1 + - 3+0 5 *, 5+ -
, 60 *1 + - *,, - +"6. + - 5.* .0 , : 6.6+ - 5 0,08 .5+4 6.6+ - 5 *, 50 -
7.40*+8 :."+ "0 1,,. 1*, - ." 3+. - 4. 50 156.2.6 3+. 06 " 20 6.60 - ,1* 03+0
,6+ ,6 *9+". ." 3+1 ., *1 0 .4 .*6 3+.8 5." - .8 .44 61 *60 - 1 6+. - 6.*6 *1
- * 8 . - . - 0*1:. 06 - +"3+0 5 6 *+ - 9 .6 .0 "1,+ - .5+4 090 - 0, 50 . 06
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". 90ʿ 51"" , 6 ʿ 3+14ʿ 0 0*6ʿ 1"+6 8ʿ ,1 - 6 8ʿ 3+.0ʿ .ʿ $7 " 55ʿ , .+ .ʿ . :0 .0 .*6ʿ 5 ., ʿ
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- *ʿ 4 6 1*0ʿ 0 0ʿ .ʿ J .*, 01ʿ ʿ 06ʿ 0* ,1ʿ ʿ 51" .6+8ʿ 0 06ʿ 5 0ʿ : 6+60ʿ +.ʿ .,ʿ - , 6 8ʿ
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,0*ʿ ,1"+ 6ʿ 06ʿ ʿ $ *. 1" + -ʿ .,ʿ (. : "" .*+ -ʿ 5.60 *.0ʿ 4 6 1* 8ʿ 155 4.ʿ 3+.0ʿ , .+6 1* 8ʿ
"1,1ʿ 0908ʿ *1 6 ʿ 06 *+0 .*6ʿ 1, , . 1*0ʿ , .56.6.ʿ *ʿ 0* , ʿ 0/ʿ $1"1* .ʿ .4:0*6+ʿ 0ʿ
,05ʿ 6ʿ 40 *ʿ .* - + -ʿ .4ʿ - .<1 .ʿ .550""0*8ʿ 06ʿ 0/ʿ , .". - 6.6 2+8ʿ *1 6 8ʿ 06ʿ 5 . : .ʿ 097
.4 - * 6 .6 1*0

% ʿ $ ʿ ʿ $ 6 $ʿ ʿ $ʿ ʿ :ʿ ʿ ʿ ʿ ʿ ʿ*
ʿ ʿ% . ʿ % ʿ W. A $ʿ+ $ʿ / ʿ4 ʿ4 $ʿ " $ʿ /4 ʿ
ʿ +ʿ+ 6

] _

' .4 - * 6 .6 1*0 ' 3+.0 6+ 2.8 ,/ *40 ,1* 0,+6.8 5 1,+" 4+2 1 0,+ - ' 6 .702.6 ' 1 - 0*
' # [,.5 0*8 ' <.* ' 6+ * 50 * , 1 . ,1* " . ,1*6 . *18 .9 . 0 ,105 6 ' *<04. 5 - + - '<+ 8
3+14 * ' (."+, .*1 5 *, 5.6+ 2 ' ,1 - 5060 0 . 02.6 ' ." 0*1 - . / - 0 02+8 *1 6 8
60 - 51 0 ' .0*6 1*0 ' 06 1" , 6.6. 0""19. 4 40 ' ,+<+8 - * 60 1 .4 20""+ - ' ,1*6 .
*18 0/, 6.*4+ - ' +602.6+ ' &0 + . 0. 5 1 60 - 51 0 ,1* " . 4 ,+ ""6 *15 *.6. 0"A1
9. 4 ' - 1 8 +2 . * * ' * 6 + - ' ' , ' 2.+4 4 + 51 6 $7"" 20 6+8 +50 + 6 ' . , ,040*60 .4
41"1 0 - ' 0/ 6.*6 ' . - 4 . 61 ,1*,056+ - ' "067." ' - 1 21 ' 3+0 * 71 - 1 * :1"+56.608 0
+ 1 ' ,+ - ' *9 +0*60 .06.60 06 , ."1 0 : 6."" - - *+61 : 08 44 40 1 *1* .6 8 .,0
0*6 ' 0/ : * ' 90*0 1 1 8 06 , 21 + - ' 516 +8 .4 *,0*40*4+ - ' 3+. - ' .",*4+ - ' , ."1 0*
* 0 : 0*6 + - ' ,15 1 1 + + ,1*6 ./0 .6 1 0*8 ' 3+.*3+. - ' 2.+4 - .9*1 +. - *
60 + - ' 0* + ' ,1* " . ' 3+.0 0" 19. 4 ' 06 - 1 6, +. - 50 04. 0" 3+0 .6 .4 " + -
6 .* - "%0 : +8 0 6 ' 3+.0 ""0 555 6+ 0&#6 2 ' : 402.6+ - .<1 0 *1 6 1 *,1 -
- 141 3+. - ' * 0 - ' +.* ' 5 1 0 6+ 51 65. 0 + - 5 6

' ! ' . 06+8 ,+ - ' .4 . 1"+ - ' 5 1 04+8 0 "06 ' *+""+ - ' .2 01 ' 3+ 550 3+
$7 " 55 ' 9 .6 . - ' ,.56.2.6 ' 06 . $7 " 551 <. - ' 50 *+56 . + - ' 1" , 6.2.6+ ' 0"51* + -
3+14 .49+ 6+ - ' . ,0 06 ' 6+" 6 ' ,+ - ' ""8 6.*6 ' 09 8 40 . - " . +. 156 - 0 - , 6 ' - .9
* 6+4 *0 - ' .4 0/,+".6 1*0 - ' 5 .060/0 06 ' 06 51 6 0* , ' 06 5.6 8 - 1 60 - ' *+""+ - ' 2
* 01 09*1 <+8 +50 0 "0 .* - .4:0 60 06 ' *40 . 06+8 1 - . - ' 50 0/ 6 ' 150 - ' .
5 6 ." ' 51*6 , 8 9".4 1 ,1*6 . $7 " 55 ' . - . - 5"1 .6+ +8 ' (04 E 091 +8 ' - 6 ' .,
5 +40*6 ' .* - 1 0*0/ ' 3+.*3+. - ' .09 0 . ,0 06 +6 1,,. 1* ' 6.*6.0 400 "06 ' 06 *1*
.+41 6.60 - 51*6 , . - 6." ' *0916 1 *60 51*0 06 ' 6. - 0* ' 50 60*6.6. .05 +8 $7 " 55
:1"+*6.60 ' 6+ * 0+ - ' .4 1 - * . +. - 1* 6. 12 + 4+ "0 ,0 *0 06 ' :0 6+8 ' 0 ' 51
61" , ' . , 0 - ' *60 - 50 6 :0 4 6 *90 06 ' *0 0. ,1*6 . 6.*6. - ' $7 " 55 ' 5160*6 . - ' 61
,1*.6+ 7020 ,0 06 ' 0 0/,+ .: 6 ' 06 * - 6.6 8 +.0 ,1* , +8 ,+ - ' . - 2 9+1 0 51* 1
"09.6+ - ' 4 - 6 ' " +8 06 .4 .0 . 0 - ' ' " 0+8 $1 6+9.""+8 ' 3+ ' + 6.* .0 1 4
*+ - ' *1 - *0 .4:1, .6 1*0 - ' 0<+8 51 ,0 ,6 ' 6 . - ' ,+ - ' " .2067. *9"1 + - ' 09 *.
.4+ - ' +6 15 2+8 + 8 . 418 +2"0:. 06 ' 06 * ." 0*1 50 ,+"1 5 15 ' .4 - 1*0 06+
4. 063+0 150 . - *0 6.*6 ' 09* ' . , ,0 1*0 "1,+5"06.6+8 $7 " 55+8 : 0 8 +.8 ." 3+.*41
,1*6 . 5 . - ' :0 60 06

& ' ' 09*1 06 . 041 2+8 .4 40 0* 1*0 - ' 5 1: . 1 - * . ' +41: ,+8 4 .0". '
+8 ,+ .61 ' ,+ - ' . - 5" "" - . 5160 6.60 40"04+8 0 6 ' 4.,1 U 0*0 .0 ' " - 6 8 06+ .0
5551 6 6+0*4 <<1.* * ' 8 . ,1*,0"5 L .*4.006 UP 0.0 ,+ . ,1 - - ". ' - - .*+0"
$1 6+9.""1 1 6 + - ' %.9 ' 0 : .*4+ - ' 4.6+ ' E01 9 1 0*0 .0 ,". " 8 .66 2+6. ' $ .0
60 0. - .6. *" - 605 .0 4 .< 06 5 .0, 5+0 ' (.*<+" .*. . / ' &0 + - ' 1 - * . ' +6 *
05+2" , . 4+,0 40 6 6+6. ' "0*60 06 ,1* + 0 .4 - * 6 .2.*6+ ' ' 2.+4 1,,+"6. .0 .
60 9 :, ".6 1*0 ' 3+ ' 2.+4 4+2 0 $7 " 55 ' 5. 6 2+8 .44 4+8 0 .6 ') 6 .+60 - ' 1" , 1
.6 8 0, 60 : 40 0*6+ ' 041 08 ' +"6 - + - ' 40 0* 1* 8 60"+ - ' .47 20*6 ' 40, 061 .4 05
,1518 ' ,+ 1*08 ., . ,0 41608 4 041 ' 3+1 - .*4.2.6+ ' +6 * 1 - * 2+8 ,1*:0*6 2+8
.""1,+6 1* 2+8 5+2" , 8 ' ,1*, 1* 2+8 50 ' , : 6.608 ' 155 4. ' - +* , 5 . ' 5.918 ' 515+"+ -
.4 " 20 6.60 - ' ., ."+60 - ' 09* ' 6+0*4. - ' 71 6. 0*6+ ' G+.0 6 8 - .9*.8 1" 0* 1*08
06 6+ 2.8 5050 6 ' 4 - * 5"028 06 . 0 ' 1 41 ' 3+ ' 0 0 0/ 5"020 ,1* 6.6 ' .6 8 50 ' 0 ,1*
, 6.6 ' 01 ' 3+. " 20 6.60. - .9 6 .6+ .4. ' ,1*, 6.6 1 08 ' 1"+6. 4 , 5" *. ' 06 - 06+ .,
:0 0,+*4 . 0/+6. ' *40 . ,0 416." 8 - 140 6 .0 12" 6 ' *40 , .",.6. 12 03+ 0
:0 0*6 . ' * 7 " *1* 4 ,0 0 06 . ,0 0 .+40*6 ' - .9 6 .6+ 5 1 5 061 ' 3+ ' " 20 6.60 - ' 0
- ," .4. - ' 06 * 5 + - ' .2 * .*. - +"6 6+4 *0 061 6. - ' 51 60. 0:1,. 0 .+6 * 140 .
- * - 0 516+ 6 ' A. - 3+0 5. " - ' , .0408 ' + 6. .5 *.0 ' ".6 1, * . - 5+*0 0 .*6
. ,0 416 2+8

. % ' ⊲D 0 .0 ' 3+. - ' $. ,0 - ' A+" . - ' + "0.+6+ - .*6 ' ,+ . @

/ (+ F< ' % -G* 4 $ 2
6 $ 6 (: . G .
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.,0 416 2 8.,,1*41*.61 2+85+2" ,0 * -.9 6 .6+8 3+ - "0 ,18 *<+8 :1,. 0*6
.+6,. 6 9. 0*6 0/ . - 21*0 *:070*6 2+8 +<+8 0 - 1/ * 9*0 0/0* 5"+ - 04 6+ - ' #
0 6 ,+ - 3+ 4. - *61* *8 (*. 08 *1 - *0 .2 *61* 1 .6 $ 1 0 ,+6 *61
- 0*6 8 ,1* 0 +8 0 6 +21 *.6+8 J0 4 *.*4* - V$ *. - 5 .0, 5+0 .+41 6.6 8 : + .
51*.0 *: .5+2" ,. *6, 0, 6 . - 0* - - 1 6 .44 4+8 . . - .*1, 9+ . 0
.4 +55" , + - 4+,0 06+ ., ,1""49 14."08, +,0 5 .0".6. 0/ 5 1/ - 1 .94."0*. a
.*1 09 0 12: . - " 41 2*8 5 1,0 "0 +*6 4 3+0 0/ " 2 1 5+2" ,0 ,, 6.6 8 *60
,0 "0 +*6 *4,.:0 2 8 .4 - .*+8 :0*6+ - 6.+6 5.6 2+"+ - 6 40<04+ - G+1 ,1
5041 . - .*+8 71 - 1 *: 4 .* - 4+ - 7 *, *40, ,.5.6 2+"+ - " 41 08 06
, ,,0 6.*608 1,,+5.*6+ (+. 0 - *60 0.6+ 2.0 04+4+ - .4 6 9*+ - 5 1/ - . * -
.04 + - + 50*4 <+ 6 3+14 06 ., 1 1 4 * 5 12 1 + - + 6 06 * - .9*. - *61*
* . - . - .,,1*60 - 56+ - :0 6 6 3+ +"6 1* 8 .: 4+ - .* - + - - 1 60 71 - * 8 . +.
4 9 0/5"0: 6 *00 5 1 - ". - 50 ,+ "2 - 5+* 6.60 - 5 .0 6. 0 516+ 6 *61* *8
" - 0 *+ - :,*, .6 06 . 041 2+8 506 0 .6 +6 40 6.6+ +1 . - 5" +8 3+.0 0 06+
3+0 * ,+ - "" : 40 0*6 515+"+ - 5. " - .4 04 6 1*08 ,1*, 6. 0 06 5. 608 * 09*1 1
:0 , *1*." 60 40 0<+8 <+ 0 ,19* 6+ 18 0 0 51*40 +*6 3+. - .2 .+". .,0 0 06
*,3+0 5 15 +8 / .4 0. * "0+, 8.,,040 06 :0 6 , " ,06 *0 5 .0 0*60 - " + - .40 "0
5.6, 0*6+ - .<1 0 - .:1 0 - "" .5+4 5"020 - ,3*, 6. 0*6 06 - 16 2" 8 0<+8 ,.+ .0/
, 6.*4 8 ,.+ . - 5 .020 0*6 6+402.6 - ./ .0A1.**08 0%0""+8 +*+8 0/ 041 B
2+8 3+ * + - - . 0 50,+* . .0 50*+ . *40 - 6 6 50*4 + - ".9 6.*60 *4,
50 6, 50 + 20 - 9 . ".*60 90 - - .8 09 .8 :0*40*4 .+41 + 6 (04 7 61571 1
1 . *6, ,040*6, 06 $7 " 55 90 - - .8 0 "0 013+0 *,1* "61 :0*4 *1*51 0 ,". -
6.*60 ,1* " + - %0"" 6+ - + 6 * 71, ."1 "+4+.*6 2+8 .* - 8 3+ 0/ 041B
2+8 $7 " 551 .:02.*6 156 - + - .4+ ,0* +0 +*6 +6 ,1*4 6 1*08 3+.8 $7 " 55+8
50 1 .61 08 +18 3+ *3+0: 8 " *.0 - .*+ +2 0 56.8 126+"0 .6 06 5 .4 - 14+ -
09*1 71*0 6.8 06 +6 "0 8 0/ 6 - .2.*6 . $7 " 55 , 8 5+2" ,. 0*6+ ,0* - <+4 ,.
2.*6 ,6 40 - $7 " 55 5+2" ,.6 1*0 "". 12" 9. 06 5"020 - ., ., + - 1 4 *0 - 8
,19* 6 8 5".,. 51 "0 &0 + - 156 - 1 ,1* " 1 0:0*6+8 40 + 6 . - $7 " 55+8 ,1*
4 6 1*,8 *1* .4 - ".8 51 60. 0:1,.: 6 06 * 5 8 : / .4+"6 - ."" * 6 8 ,+ - *1*4+ -
0<+8 0* +8 .4 +* :0 18 50 :0* "06 ,1*, 6.6 - 50 6.0 - +"6 6+4 * 8 .* - 5 1560 0.
- 6 9. *1* 516+0 +*6 6.3+0 "+*.0 4+/ 0" 41 1 .,,060 8 1 .61 2+8 .4
090 - ,1 . - 5 + - ,1* +"6+ +8 50 0/ 6 0/ (E+.4."+50 +9+ 6. - - 0 6. -
:,*, .6 < +2 .4 ,+ - ."+6.*4+ - +6 "2.*+8 .,,040 06 6.*40 - .2 . - , 8 0<+8 0/1
.6+8 50 - 6 9 6+ ,+ - :0* "06 - .9*. 20*0:1" .* - 9* ,.6 1*0 .,,056+8
06 6,9, ,.,.5+6 - 1/ . 09, 3+14 + - - 71*1 8 "1,1 " . * .+". 7.206+ 06 3+ .0/
514.9 . 402 " 8 , .6 5 150 0 040 0 <+ "+8 0 6 $1"" ,1""13+ + - * . ,.*1 7.2 6+ -
,6 08 * ,/, , 6+ 0/ "2.* 0*60*6 . 1 4 *.6.8 ""0 .4 0/0 , 6+ - 0/ $.,0 - +
9+ 6. - ,1*,, "6 / S." A+* +2 ,+ - + +8 .4 0+ - "09.6 + 6.* :0* "0*6 ,6
A ,612 9. - ,1 - 6 . *4 ,0 0 ,1* 6 6+ "%0 9* ,. 0*6 0/ 018 .4 ,1*"5,4+ - .4
- 66, ,*1"+ 6 04 0"51* + - .4 018 0 56+ - - 6 3+1 5"+ 2+8 :0 2 8 40 01 + -
,1*6+ - ., . 3+0 02.6+ 06 04 6 1 18 +6 0 0 5 ,0 0 6 71 6.2.6+ *. - 0 :0* "0
1 +6 2,""+ - + 6.* 8 . - , 8 1" - .63+0 .401 "5.* 8 * 0 06 04 +6 09* +,
,0"""1*, 4,".6 51"%,"" 1*0 - .4 5 ",0 06+ 06 21*18 ., 1204 0*60 8 2 +24 618 09 .
2,*,:1"0*6 . ,1 - 5"040 06+ * 013+0 5 .0, 5+0 ".21 .2.6 1 .6 1 +6 40 ,1 - 6 8
,1*:1,.*4 8 ,1* " + - 2 *1* 5".,0 0 1 60*40 06 . - ,1 - 6 1 + - *+"".8 5. 608
0 "0 +2 4, ,9 6 - +,,"%1 8 <+ 0 ,1* 6. 06 6.3+0 * 6.2.6 +6 1 - "2 40 ,1 - 6 8
,1* " 1 3+14 *1* 1"+ - * +4+1 + - 04 4. - *1 + - 09*1 0" 0 0,0*60 0/, - 5"1

01 + -

% $ 4 5 $ > * *$ *
6 $ 0 , % $A +] $ *
%1 b

@^S

ˁ01) ‹3+.0ˁ " 51*.0ˁ*+50ˁ40 *ˁ# "-, -ˁ7.2 6.ˁ +*6ˁ 5.60.6ˁ ." +4ˁ 02+8ˁ + 8
' # ˁ) ˁ S .9 8ˁ)6 "0ˁ, .50 ,*6ˁ 06ˁ*+"".ˁ4 ".6 1*0ˁ *60 51‹ 6.ˁ 0ˁ *ˁ 090 -ˁ. ,450 0*6ˁ ,ˁ0* -ˁ
1 0ˁ +6ˁ5 .0 0*6ˁ. -1 + -ˁ:ˁ40: 6.6.ˁ .*9+ *ˁ 5.*1ˁ5. ,.6+ ˁ3+, -ˁ ˁ5. ,.* ˁ
9"1 1 1ˁ -.9 8ˁ,1*.6+ˁ06ˁ0/"6+ˁ,1*6 .ˁ 7 6 .*ˁ *1 - * 8ˁ 71 60 8ˁ.**1ˁ5 1/ -1ˁ5 1ˁ
+*40*4+ -ˁ 0 0 :. 0ˁ *ˁ * -1ˁ7 0.6ˁ 1,ˁ.,,0561ˁ 0 51* 1ˁ23+ *3+0: ˁ, .-ˁ ˁ
20""ˁ*0,0 " 6.60 -ˁ 0ˁ 04. 618ˁ : 40 0*6ˁ 06ˁ 5.*1ˁ* " 60ˁ .4ˁ 51 6.8ˁ 040*6,ˁ *6 .ˁ
-+ 18ˁ *61* 1ˁ5"020 -ˁ ,1*6 .ˁ 5 28ˁ,1*, 6.*60ˁ.* - ˁ50*4, 0*6ˁ ,1* +"6+ -ˁ: + -ˁ
0 6ˁ +6ˁ 9 . ".*60ˁ " - 06 *ˁ 50 60ˁ 3+ 550ˁ‹. -ˁ ., 6.60ˁ.4+"6.ˁ "1, + -ˁ *+"" 8ˁ -1, * 2*8ˁ
, *4+ -ˁ+6ˁ * 0 6+ -ˁ*0,ˁ .6 8ˁ6+6+ -ˁ 0" *3+0 0*6ˁ 06ˁ 0612 9. -ˁ,1*, ,4, 0*6ˁ 155 ˁ
4+ -ˁ -10* 2+8ˁ - + -ˁ06ˁ51 6+ˁ1551 6+*+ -ˁ G+ˁ$7 " 551ˁ .:02.*6ˁ 2.*,ˁ,6ˁ ,, 0ˁ
6. -ˁ .6 1*0 .ˁ7.202.*6ˁ3+14ˁ01ˁ5 15 1 08ˁ 5.*.0ˁ, ". "ˁ51 6+8ˁ + 6.* .0ˁ +20+*6ˁ
: . -ˁ.50 0*6ˁ 06ˁ3+."ˁ0ˁ"1*9 *3+1ˁ :0* 0*6ˁ -.*+8ˁ51 90 0*6ˁ + -ˁ40" 20 .*6ˁ
-1 8ˁA1.** 8ˁ 1* .":ˁ . - . .0ˁ ,1 - 6 8ˁ ." 06.0ˁ0/ˁ,1*6.9 1*0ˁ0/6 *4ˁ4 ,0) -ˁ
.,,0"0 .: 6ˁ 06ˁ3+ *3+0: ˁ ,+ -ˁ ˁ .,.*6 *1ˁ06ˁ$. -0* ˁ,5 ,151ˁ,060 13+0ˁ ,1 - ˁ
6.6+ˁ 0612 9. -ˁ5 1 04ˁ +*6ˁ3+0 *ˁ"1, + -ˁ, + 614 2+8ˁ.4ˁ51 6.8ˁ.551 6 8ˁ - . +*6ˁ
:0 .ˁ5. 60ˁ 0/ˁ,0 6+8ˁ40ˁ: ˁ60*6.*4.ˁ0/0 , 6+ -ˁ 5 0ˁ.4ˁU̇ .*6 "".*. -ˁ"+ 6 . 0ˁ:1"+ 6ˁ
‹. - -.9*.ˁ0/ˁ5. 60ˁ -1 2 8ˁ - - *+6+ -ˁ06509 - .60ˁ *ˁ, . -51ˁ0/6 +41ˁ ,+ -ˁ+/1 ,ˁ
.,ˁ" 20 8ˁ06ˁ "20 61ˁ + 6 1ˁ,. 4 *."0ˁ3+."ˁ *ˁ 1" 1ˁ 040*8ˁ,15 .8ˁ1 4 *.60ˁ *,040*60 8ˁ
504.: 6ˁ5 .00+*60ˁ "2.*1ˁ616ˁ5." - . + -ˁ4+,0ˁ3+ ˁ" ,06ˁ.4 -14+ -ˁ 0*0/ˁ 6. -0*ˁ
, +4.ˁ.,ˁ: 4ˁ 0*04+60ˁ06ˁ6161ˁ,1 51 8ˁ7.2 6+ˁ‹+:0* "0 -ˁ. 41 , -ˁ 0 0 02.6ˁ - " ˁ
6 3+0ˁ.4ˁ: 41 . -ˁ * - .ˁ.". , 6.60ˁ5 150 .*6ˁ.* -18ˁ0/0 - 5"1ˁ +1ˁ ., 02.6ˁ5."+4. ˁ
-0*61ˁ,;.*01ˁ. 90*61ˁ6 " ,ˁ4 6 *41ˁ1 *.6+8ˁ06ˁ, 6 8ˁ5"+ - . + -ˁ +5 .ˁ,.5+6ˁ*+6.* ˁ
6 2+8ˁ * 9* 8ˁ + - 010 .*6ˁJ0 4 *.*4+8ˁ5 1 ˁ " +8ˁ $06 +8ˁ06ˁJ0 4 *.*4+8ˁ%1"0?ˁ
6.*ˁ90*6 "08ˁ(.*4 +8ˁ : ". ˁ06ˁ +41: ,+8ˁ ˁ +. .ˁ.ˁ - .9*1ˁ 6 + .0ˁ4+,0ˁ - "+8ˁ " ˁ
0.*+*(‹ + -ˁ509 - .ˁ5 .060 :070 06+ ˁ 0/ˁ .4ˁ 0ˁ :1, .6ˁ06ˁ . ,0*40 0ˁ‹+ + -ˁ * .ˁ 0ˁ
040 0ˁ:1"+ 6ˁ +6ˁ 5 0ˁ0/0 , 6+ -ˁ,+‹+8ˁ -50 .61 ˁ0 "06ˁ0/ˁ"1,1ˁ71*1 ,1ˁ,1*60 - 5". ˁ
06+ ˁ 0 ,ˁ.9 6.6+ -ˁ + 6ˁ .*ˁ 0/ˁ .4ˁ0/504 6 1*0 -ˁ 5 0ˁ5 1 , ,ˁ4020 06ˁ 6ˁ - +"6.ˁ
5 .0 0*6 . -ˁ 09 8ˁ 03+ 0 0ˁ: 402.*6+ ˁ - .9* 6+40ˁ 0ˁ‹ 3+ 550ˁ ,+ -ˁ40ˁ 09*1ˁ15+ ˁ
"0*61ˁ: , *1ˁ06ˁ.4ˁ *+ - 0 .8ˁ1, ." 1*08ˁ1551 6+*1ˁ .90 06+ ˁ 508ˁ,0 6.ˁ +, ,0 "+8ˁ‹
3+ˁ7+ - .* 8ˁ15 2+8ˁ.,ˁ .6 1* 2+8ˁ3+ 2+8ˁ06ˁ‹+8ˁ *ˁ 09*1ˁ ,1 -5060*8ˁ.4402.76ˁ 08ˁ
-06 0*6ˁ,0 6+8ˁ06ˁ *0: 6.2 " 8ˁ: 402.6+ ˁ06ˁ50ˁ." + -ˁ3+. -ˁ50ˁ 090 -ˁ 5 +*ˁ0/50ˁ
4 ˁ*0916 + -ˁ6.*6+ -ˁ51 "0ˁ2.+4ˁ ., "0ˁ.55. 02.6ˁ 3+ 550ˁ,+ -ˁ$2 " 55+8ˁ *ˁ7 .,ˁ0/ ˁ
504 6 1*0ˁ*1*ˁ6.*3+. -ˁ.4ˁ71 60 8ˁ4020"".*418ˁ 04ˁ6.*3+. -ˁ5 *,058ˁ.4ˁ +24 618ˁ.4ˁ
1 , + -ˁ,190*418ˁ5 1 , 00 06+ ˁ‹ 3+ˁ5 .0 0*6 .ˁ +.ˁ0/ˁ. - , 8ˁ 418ˁ +24 618ˁ0/ˁ*0+ ˁ
6 8ˁ. - ,18ˁ0/ˁ * - , 8ˁ*0+6 18ˁ0 04+ +8ˁ0 06ˁċ,+ -ˁ,1*6 .ˁ,+*4ˁ -0 61ˁ -06+0 0*6?ˁ
0ˁ "2.+8ˁ: ˁ20""1ˁ5 .0 6.*8ˁ ,060 + -ˁ + 6.*.0ˁ*.6 1*0ˁ - +"6 8ˁ*1 - * 2+8ˁ *: +8ˁ
3+ˁ. - ,ˁ0 0*6ˁ*0+6 18ˁ3+ˁ*0+6 ˁ * - ,18ˁ3+ˁ40* 3+0ˁ * - , ˁ.4ˁ40"50 .6 1*, -ˁ
12 6 *.618ˁ50 4+0""0 8ˁ 0440 06ˁ 1*6 .ˁ4 5+6.2.6+ˁ‹ - *1 0ˁ: ˁ, 1ˁ 20"".61 + -ˁ
3+. -ˁ5+6.2.6+ ˁ0/0 46+ˁ06ˁ4 0 "ˁ .401ˁ50ˁ"1,.ˁ * 0 6.ˁ,1 - -0.6+8ˁ +2:04" 1*0ˁ
*1*ˁ 6.ˁ 50 -ˁ,0 6. -ˁ .,04%+80 0ˁ 090 -ˁ6+*,ˁ *60 0 60ˁ4020 0ˁ,+ -ˁ5 .0 0*6 .ˁ0‹+8ˁ
1".ˁ 6.6 -ˁ51 "0ˁ4020"". ˁ508ˁ0 6ˁ 0 + -ˁ0 "0ˁ +6ˁ:060 .*.0ˁ,15 .0ˁ0/ˁ ,"9 1ˁ:0*6+ .0ˁ
0/5040*6+ ˁ*. -ˁ ˁ5.+"+ -ˁ,0 "06+ ˁ*0,ˁ *ˁ60 -51 0ˁ%.9+8ˁ6 .* - 66.6+ ˁ *ˁ."60 + -ˁ
.**+ -ˁ0/504 6 1*0 -ˁ4 0 ˁ6.3+0ˁ 0 .ˁ *ˁ01ˁ0 "0ˁ+6ˁ: 41 .ˁ*1*ˁ.ˁ 09 8ˁ5 .0 0*6 .ˁ
04ˁ 0ˁ5 10" 1ˁ3+. -5 - + -ˁ,1 - - 660*41ˁ 50 .*4.ˁ" 6ˁ .ˁ,+‹+8ˁ."0.ˁ .20 "0ˁ 0+ - ˁ,6ˁ
0 -ˁ50ˁ"09.6+ .ˁ6+6 +8ˁ,1* , ˁ *60ˁ5 +40*60 8ˁ*1*ˁ. -2 9 ˁ 6.3+0ˁ 090 -ˁ "1*9 +8ˁ
.ˁ50 ,+"1ˁ 051*ˁ5". ,+ 6ˁ+2ˁ0:0*6+ -ˁ *ˁ6+61ˁ1550 ˁ51 06ˁ %+ *ˁ5+2" ,.6+ ˁ 09 8ˁ
+50 ˁ20""1ˁ + 00561ˁ40,". .6 1ˁ' 3+.ˁ 0506 6.ˁ5 .060 61 + -ˁ -0 -1 .ˁ*0,0 6.60ˁ06ˁ
5 1ˁ,1 - -+*ˁ*1 - * 8ˁ 7 6 .*ˁ06ˁ + 6.* .0ˁ 5 +8ˁ21*1ˁ.4ˁ710ˁ20""+ -ˁ *," *. "0

%, ,$, ,ˁ2- " "ˁ MI&$ˁ. (ˁ 6 $ˁ ˁ0 ˁ ;ˁ, #ˁ ˁ ˁ ˁ
ˁ% . U̇ * ˁ 6ˁ ?)

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,'40 - 1* 6 .2.6'+6' 09*' ,9 6 - .' +, ,0 1*0'44.6'51 0 1*0',.56.' 418' 2' +2' <
4 618' .2' *< + .' *' 5.,0' 6+0 06+ '06 020 "0 8' *' 1 4 *, -',190 06' (0,+*4+-' 7.0 ' ' "
+41: ,+ -'# 1" *. -' - 66 6'3+'.5+4' *61* + .'06' .,.*6 *+-' .,'3+ *3+,: 18
40'4. - * 8' *' 0 - 5+2" ,. -'06'*1 - 0*' 7 6 .*+ -'0/'0120" 1'%0,+6+ 8'5 160 6. 06+'
.'3+ 2+8'+6' 0'6161'.* - 1'.271 0 0',+*4 8'.55 12. 06' - 1/' / : 'S."'G+ *6 "'"0908
- " 6. 0 8'50 '0/0 , 6+ -'5 1 - +"9. ' - .*4.6'3+ 2+8' 40<0 .6 1*08'06':1,08',1*6 .' +
- 0*'.,',+"6+ .'4 : *+ -' 1 J0* 1* 8'5"0*.0' - 1 6 8'.44 6.'510*.' *60 4 ,02.*6+ '06
08'.,' ., .0'50 1*.0'.2'1 - * ' - ."0 , 1'06' *<+ .' 60 -' 10 - *. + -'5+41'.':'. "0 0
2.*6+ '06' *',060 8' 08'.4':060 0 -'06'.4 6 4. -'4 , 5" *. -' 0:1,.2.*6+ ' *40' 0/
*, ,40*60' + 6.* . -':0 +8'0/0 , 6+'2$.,0 -' +9+ 6. -',1*,04 6' 1" , 6.61' *60 -
50 ' *60 51 618'. - ,18' *61* 1 ' 0 56 8'06 .*'.' 090' 60 8'06'50 ' "+*. -' *' - . - 8
,<+8'6 .4 6 8' +6'71*1 , 8'.4 - 14+ -',1*4 6 1* 2+8',+ -'$7 " 551'6 .* 90 06'06' "",
3+ 40 -' * 6 1' ,.+ .0' +.0'4 40*8',+ -' .,.*6 *+ - '3+ ,+ -' 0,1*, " .2 "0' ""
14 + -'0 .6' "' 08'<+4 41'+*40, - : 1 + -' 40, 40 06+ '1260*6+ + -'5 1: 40 ,6' .
0*6 02.6+ ' 04' .2'05 0151',E. 40* '06' ." 8' . - " .0'$1 6+9."" .0'5 1,0 2+c ' *
*.6.'*1 - * 8': .* 6.60' . 60""0* '*1 - * ' * 0 6 8' - .9*1' +1'06'616 +8' + 6.* .0' - ."1
- +6.: 6' (1" , 6.6'06',". -'.'3+ *3+0: 8'$1 6+9."" '+6' 0' 0 5 ,0 0*6' *03+0' 0'5
:.6 8' 14 8' 06'. - 2 6 1*0' .,' 09*+ -' - +"' *'.50 6+ -',/ 6 + -' 5 .0, 5 6. 0*6' $ 1
- " 8'06'6, 6.6' 4.,+8'06'E01 9 +8 0*0 .0' :0 + -' " '3+'.2' * 6 1'.* - + -'.4
4,,+8'*1 - * 8' + 6.* 6+0*4+ -'12 - . "0*6'51 60.': 2+8' + 8',1* "'06 . -' - .9*. -
50 -' 40' +, ,0 ""',1*,05 0*6' .4' 0/6 0 - + - ' 50' " .'0: .*0 00*60' 06',+ -' 0.'12)
.6 1,' 0* 660*60'40'9 .6 .'.5+4'$7 " 55+ -',1* 03+0*4.'40"50 .2.*6'*0,'71 - *08
0".6' .* - ' 06'3+' ,1*6+ - 0" . -' 5"+8' - 1 60' 71 0 00 0*6' +6' ." 60 ' , 040 0*6' .2
. - , 8' 50 +.40 ' 5160 .*6' 40 .6'06' 4:. 4+8' ' . 6 0*" 8' <+:0* 8' 6 0*++8'3+
6148' .,+"6.6 2+8'3+.8'. - 5" - .8'7.202.6' * .*. 09 8'. - ,'40 - 0 0*4'. - 2 6 1*0
0/7.+ 6 8'.4' + - - . -'090 6.60 -' 04.4+8'0640'9 .6 .'4450 .*8': 6. - 3+.0 +5, .2.6
561' *61* 1'5 1 +*40 0'5. : ' ., 02.6' 8',1* " . 8' :0' - 5+" 1 2+8' *61* 38
3+1' - *+8' ."+6. 0' 2',1* " + -' ,.50 06' - 504 02.6+ ' *60 ' 3+ *3+0: 18' :0 1
."""4++ -' *60 '5. 08'4 01 4 .0' - ."+ -'06'.0 - +".6 1' 09*.2.*6' % 08'0/' 8'3+'$7
" 551' .:02.*6' 6.'. J04'0 .*6'+6',+ -' *40'515+"' + 1 0 -'.:0 . 0*6+ ' *40' <
5.*1 + -' : 1",*6 . -' - 06+0 0*6'$7 " 5< + -' 3+ 40 -' .4' 09*+ -' .4 - 66 ' :0 + -'+6
""+4'20*0 , 1' +1'.,, 50 0' : 40 06+ '5 .051 60 .'. - 2 6 1*0',+5 02.*6' " '40"50
.6.' *'5 .0 0*8'9 .6 .'3+ 4' .90 0*6' *,0 6 '0/' 06+ *'0:0*6+',1* " + -',.56+ ': 40
2.*6+ <' .6 3+05 160 - 51 07.202.*6 '5 - + - 5.*1 * -' *506+ -' .*90 0*6
6.3+0'A1.**08'0%0""+8'1* *0 -'150 . -'4.2.6'+6'5,,+* . -'.'3+.' - ./ - 0'.0 . + -'
.21 .2.6'+*4 3+0',1 .40 06' - - .*+0"$1 6+9.""+8'%.9'1 6 + -' 0 6 *.6 8'150 2+8'
- +* 02.6' 4.,+8' 0*0 08',+ -'' ":. -' * 6 1' - +* 0*4. -' + ,05 "J,6'4 " ,+"6.60'
4060 6+8'.2' *,0561'40 6 6 6' 02+8' *'" - 60'3+.*6+ -'50'.*9+ 6 .8' " ,02.6' ,1* + 0'
1 4 *.6 8
&' # '3+ *3+0: ',1 - 6 .8' 0612 9. - '3+1'<. -' 5 ':0*0 .*6' *4 /0 .*6'
04'3+1' - *+8', : 6.6+*' ;*4 ,'01'5 1 , 00 0*6+ ' *61* +8',+ -'$1 6+9."" 8' - '
504 02.6'3+' 'A+" + -'5 .0 4 + - '3+14'60*02.6' .2'05 0151'E. 40* '71 - *0'6+ '
2 4' *90* '50 +. +8' - +* 6 1*0'0/ 6 +4.' - . 0' * 6 6 6' 1'06',+ -' " 1':0*0 .6'
05 015+8'$. - 0* 8' .' .,.*6 *1'3+',+ -'3+ *3+0: 8'0 .6' ."0*.6+8' .'5 .0'
.4'40' *61* 1' 090', 0.*41',1* " '1,,. 1'3+.0 6.' E. 40* 8',+'*+"".'* ' *'
5+2" ,.'50 6+ 2.6 1*,' ."+8' 71 - 1' *3+ 06+8'5 15 + -' - 06+ -' .,'50 ,+"+ -'+* :0 '
2 + -' .,0 0':1"02.6'06' ,1 - 50"".61' *61* 1 '.5+4'3+0 *' * - + -'5160 .6',+ -'.'
$7 " 551'06' .,.*6 *1' +60 '71 + -' 09*. 06' .03+00/ 6 + -' - - *0 0'1 60*4 "J06
+60*4+ -

'+ ' ' ' $ ' 2 '% A' 2' ' ', ' & ' ' ' G 6 $
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]VP'

'+60 4+*'62 6+*.0' 20*0 ,1' +. 6' *,,' 0/!A#0 .*4+-' ,1- 6 1 +-'<+4 ,+-'' ,+
) '") *0,' 6. 0' $7 " 55.8' :0" 6' ""+6' 0/60 *8' : 2+8' 5 06.' 1-*'<+ 8' .4 1*0' ." 0*+-'L
09*+-' *:.40 ,' *61* 1' .4' 5 15 +-'6+0*4+-' 5 +8' 09*' 1508' 3+.0' :." 4 1 08'
+*6' ,1*6 .' *<+ 6.-' : -'1551*,*4.8' 0 "0' 06' 090*' ,+-' 090' ,1 .51*0*4+-'' 5'
+-' .:1 0' 5"02 8' "+2R:. <3+1' ".9 .*60' - * -0' 0' ,1* - 660*4+-' +6' ,+*4". 6 1*0'
-4+-' 50 .6.0' 9 .6 .0' .- 660 06' 090' + 6.*1' .4:0 +8' 0/60 *+-'71 60-'15+8'
0 0' '3+1' %0-0" ,1* 6 6+61' "1*90' ." .-'3+.-'*+*,' 6' 0 +-' .,,-' 1 0' *.-'
3+ *+*,' *,0 61' .47+,' 090' 4 40*6' ,1*,1 40 8 09 8' 0"04' .+ 5 , 8' ,1*<+*,6.8'
09*': 0 8' .4' ,1--+*0-'71 60-'5 15+" .*4+-'1551 6+ 18' 6.*6+-' .+40 ,6' ,6' 0'
.2' .- ,8' 090-' ."+6. '5.60 06+ ' 6.' :061' ,1-52 6+-'*0916 +-' +* 6 1*0'
<+/6.'40"+2 +-'4, 9*.6.' 06' *'0. *' ,1* 0*6 0*6 2+8' $06 1' # 1*6 *1' "1,'5 ., ,41'
.,' + 2 8' 40,+ 1* 2+8' 06' 5 1' 05 ,151' $. -0*' ,1* ' 9*. 1' E. 40* 8' ., 1'
..9.' ,0 0-1* .' *'40"+2 1' ,0"02 .60' 1 .6 1*0-' .4' . 6.*60 8' 3+' -.9*1' *+-0 1'
0 .*6' 7.2+ 6' 3+.' 018' 4,' 3+ *3+0: 8' -+"6.' *4 9*.' 5 .0 .6+8' +6' 1 6 60 '40 0*'
1*0-'5.6 .0' ,.50 0 0*6' 71 6.6+8' 0 6' 06' 3+14' 0" /' .+ 6+-3+0' 0 "06' -+* 6 1*'
40, 06.0' 5 *,5+-'4. 0*6' 0 3+0' 6.*3+.-' 09*'. ,7 5 .0 041' 3+'40 0* 2 8' 09 6'
6 6+"+-' +-0 06' -51*0 0*6' 4' :061' *+"" -0" +8' ,1*:0* 0' 3+.-' *61* 1' 06'
4 9*.6 1*0' 5 .0, 5+1' 06' ,7. 6.60' 0 9.'5.6 .-' *'3+.' 06' 5 *, 5.6+-'<+ 0' +,0 "2 1'
2'. 1906' 5 .0,0""0*6' 4' 3+.-' :1,0-' ,+-'0/' ,1* 5.41' .4' 4,"+2 ' 1 08' ,1-'
5. + "0' *61* +8' 4+1' 05 015' 12: .-'0' 5 1,0 "0 +*6' 61". -'-.*+' 90 6.*608' < 0.'
3+0' 71*1 ,0' 40 .6.' .4' "1,+-' ,1* 0, .*4+-'50 9- 6' +-' *.+9+ .6 1* 8' ,0 0'
-1* .0' 50 .9+*6+ ' *61* +8' .,.*+8' ,0*6+ 1' 6 41' 9".4 1' ,6' " *601"1' *'., 0*'
3+. '&0/ ""1' 6 2".61' *61* +-' 090-' *,". -.:6' G+1': 1' .+4 613+0' **+-0 '
3+' .40 .*6' :0': -'5 17 2 6+ ' :0' 0/0-5"+-' ,,+6 '06' 9 ' 0 --' 6 *9+*6' 4 j'
2*1' +* 1 0' 06' 5 15 1 ,' .4' 04 6 1*0-'3+.-' .4' ".06 6 .-'-+ .+ 0' +-3+0' * '
61* +8' * 6 1' :0' -140 6 .' :0' -06+' 09 '*1- * 8' *: 4 .-' .' 0' .-1" 06+ '$06 +8'
1*6 *+8' 09 8' *1-0*' +"60 +8' *,". -. '5 17 2+ 6' 06' 6.' :0""0' *61* +-'5 1*+*'
,):6' &0 +-' .,.*+8' 3+' .,,". -.6 1*' * 6 +-' 0,0 . ' .' E. 40* ' 6 -+".6+8'
,"15506+-' ,1*6 .' 1*6 *+-' 6.6 -'4 0/ 6' '0+-3+0' 6+ 2.' 0/,040 0' ,109 6' 1'
4 0040*60' + +8' *61* 1' 6.*0<+.-' 09'.,,". -.6+-'0 6' 06' 5 0' *'03++-' * "0*8'
2.,+"+-3+0' 5 1' 0056 1' 90 0*8' 6 6+2.*60' .4' 5 -+-'09 0 +-'03+1' 5.0*0' ,1*, 4 6'
3+14' * 6 '2-"* 8' "1,1' .,,056+-'0 6' *40' : /' 2' , 040*8' 05 ,151' E. 40* '
- *.*+,"0' (":.' +41: ,1' $1 6+9.""1' --.*+0"0' $0 0 .'3+' .40 .*6' .* -18'
.,0*6 2+8' 06' --.*+0"0' ,1 6.' :0/ ""+-'3+. ' * 9*0' 09 +-'5 .0 0 0*60' .4'
-.<+8' 60-5"+-'60*4 6' 2 3+0' 0/' 60 +-' ."+6.6+ ' $1 60.' .4' .040 8' 5+2" ,.8' 50 9 6' <
3+.8' ,".+ .8' *. 6+8' 0 *9'<+ ' 1*6 *1' 3+0 *' .4' *1/.-'+6' ." 0*+-' .' 0' 50602.6'
<.-' 0".5 2' 06' 40' 40,1* 0 :.*4 8' 09*' <1 2+8' 3+.0' 1 .' $1 619.""0*" .' :+"91'
:1,.*6' *60 51 6.' 6.6 -' .4' , :6.608' .,' 5 .0 , 618 4.6' 60 .8' < 3+ 2+8' 09 8' *1- *0'
+2 0 561' -.*4.2. '+6' - "60-' ,1* 0 20 0*6' 06' -50 .6.' .,0 0*6' (, 5 6' ,6' .4'
3+ *3+0: 18' 06' .,.*6 *+-' .,' '& "".0' 09." 8' -. ,7 1*,-'+6' 2' 6.*3+.-' 09'
5 1' 40 0* 1*0' 09*' ,1*6 .' 71 60 8' ,/0 , 6+-' * 6 +0*6' 5 .0 61' 0 "0*6' 4' .4+-'
' 'S."'G+ *6"

' % '4+-' +*6' "2.*+8' ,+-'0/0 , 6+5 19 0 "+850 $06--' &0". ,+-'
9<+" '5 .0 4 '5 .0 04+-'?? :.-' .2' 0": 8' E."" 8' 4 4.-' .4 1* 2+8' 0 ".-'
3+.0' 5 -.' + 28' *' " - 60' 1,,+ 02.6' 60*6.*4.-' ,+ .6' . *' 60*02.6' *61* +8'
0"1' .' $7 " 551' ." 0*+8' +6' 5"0 3+0' 0' *12 " 6.60' 1*6 . .0' .4 1* 8' 3+.0' 51'
60*6 1 '0 .6' 4+,08' *' + 20' 0 .*6' E01 9 +8' 06' A1.**08' 14, ,+8' '$. ".*' .6 08' &0'
". ,+8' .4' *61* +-' 05 ,15+-'+ 2 8' .,' *12 " 6.60-' 60 .8' .66+"0 .6' < 3+.0' 6.*40-
51 6

, % , $ ' .' , 0' & 0 ' '+ ' ?% .' ' ' $' > $' '4 ' '
. ' U+ ' 'G 6 $' '4 ' # ' I

G 5' ' ' ' ?

51 6'." 3+16',1*,0 6.6 1*08 .,,056.0'.,' 0, 6.6.0' +*6' (04'5 .0 04+8'3+' 0' -5. 0 '
: 4, ,6'6, 9 :0 . '.,' 0'0/,+ ,'3+14'<+ 8<+ .*4' 0"9 *0'60*0 06+ '.,,0561'. ,+8'
5 4.,1' ,*0 0',6'3+ *3+0: 8'"1,1'"+,*42'' .,'5 1 *4,'5060 0'60* 5+8'+6',18',1*
+".6' 1*6 .' * 6.2.6'&,". ,+8'06'<. -': 0 *1'0/0 , 6+' -1 . -' *60 51*'*1*'51 "2
,R .':. 6.6' .9 '50 ,+"+ -'1 60*402.6'06'3+1'155 4.*18'<. -'6+ - "6+.*60 8' - .9 8
6, % < ,6' ',3+ 6,8' +2' - + 18'+ 2 8'0/,+ 0 0'A+ 6' G+1': 1' .*3+. -'H *1'4.61
$7 " 55 ,.,' .4" 1* 8'4+,08' 5"020 -' *,0*4+*6'' 06'$. .*'60 *5"+ -' *'3+1' *6' 0 1
,+ -'05 ,151',1* +"6.2.6', ,+ - 6.*6' 5 +*.'09 04 0*60 -' *60 , 6+ '* "" .'*05160
,19*1 - *0' - 13 6+8' 06' .2' 05 ,151',1* - .6+8' 40' 404 6 1*0' . 0* 06' , 56 8' .
4,,+ 1*+ -',1""09 1'"09 2+8' 40'" 20 6.6 2+8' .,' - - +* 6.6 2+8' *1: 8' + 2'.'$7 " 551
,1*,,4,*4 8'06'&0". ,1' +6' *0.8'<+ . 06'5 151 6 8' 8' :061' *0'."., 6.60 *'01 + -
, - 1 . 06+ '7.+43+.3+. -'5160 6.6 8'40 0 66 -',.+ .6+8'3+. - : 8'*+ .'40'0.' 0' - .*
4.6.'7.2, 06'5. 6+8' 40 -'3+. -'5160 .6' *6, 51 + 6' 0 .6' *60 -' .4' 4.,+ -
,*, , -' !'3+'.+/ " + -'5060 0*6' 04'<. -'E. .#E. 40*.'.'$7 " 551' *6 1
4+4"1' - 4'.' 0*0 0'.+/ . 08' + 6 .' +0 +*6' *40' - "+8' ' " :0*6 . -'&0". ,+8
155 4+ -'.4',' *. -'"1,1'5 .*1' 6+ -',+ -'. ,0'.,' - + 8'.4 - 14+ -'402 " 2+8',+<+8
5 ., ,4+8' 1* +8' ":. ,8',1* 6 8U%0*6+9+0" ' +8 ,. -'155 4.*18'.4'$7 55+ -
*," *. ,',, *0 ,6'5.+"1'.*60'4 ,0"%0 .6' J. 6 1 2+8' 6 40 -' , .'0 .6'+ 28'0<+ 3+0
0' 9*1 .*6 .' - 5090 .6' *' 7.*,' &0". ,+8' 3+ 550' 3+' 2'71"5 6 + -' *' ."60 +8
.4 1* 8'71 - *+ -'.,4 2+8' + - 5 0 .6')60 8' 09 8' *'01 + -' - .*+8',1* 9*.6 8' '3+1
.4+ - ' +6'."6, '3+'*1*'6. *'+*+ -'0/',1 - 506 61 2+8' 1:02.*6'3+. -'." + .'.2'01
3+, -' * - , '0",9 "%0*6' :1"02.*6'0/'0.'&0". ,1'.4 :0 " ',1050 *6' (04'6.*40 -
- * 8' , '5 1 - "% 8' 'J .6 *'06' ' *6'A+ 6 * .*' 6."1 + -' *60 :0*6+'5".,.6.' .4 1
.4:, .'' 06' 40 -',1*4 6 1* 2+8'3+ 2+8',+ -' ":0*" 2+8',1*:0*0 .6',+ -' 8'6 .*
09 6' 140 -'60 - 51 0' - "+8' 8' . - 5+ -' - .<1 0 -' 0 1*; - +8' 0*41C.'155 4.*18
*' 40 -'.,,05 6'3+1 + -'0/0 - 5"+ -' 0,+6' +*6'2 +*,.* '$1 6."09 0* ,8' 1 .*
(0 5.*',6': , *' - +* , 5,8' + - 3+0'.4' "2.*+ -'."".6+ *'0 "06' .'' 0 1',0*6+'
1*,' & " . - : , 1 . -' .,. 6 *'5 - . . -'. ,0 - '50',' * - . -'.4 - 14+ -'40'
2 "'5 ., 4 1'60*0 ' ., "03+0' *60 , 5'51 0' - ' '03+R08' 06' ,,,'504 608' 4+,0'
(.*4 1' : ".',+'.4<+*4'J0 4 *.*4+8' 06'J .*, 0+8'%1"06.* 'E. .8'E. 40*.'3+'
3+. '" ":. -'5 1 04 ' +6' - .9 8' ."0 0*6' +2' 140 -'"1,1'<+/6.'1" :06+ -'5 15 *'
3+.*6'.4 - 16.3+0' ,.".',+ -'* "".8' : 9 .8' 050 "0*6'+"60 + '5 1:04'A1.**0 -'
*'%1:. 0 -'5 .0 04+ -'3+."' *' - 04 .'5.,0' 0,+ + - ': /3+0'<. -',.56.'. ,0' 0' 1 - *1'
0/, 6.*60 -'155 - +*6' .56.' *90*8'.,'5 06 1 .' .,.*6 "' +50""0/'06' *60'.".'
050 6.0' /',.5 .0'51 ,0"".*.' *4 ,.'5"0*.0' $"0 3+0'50 +. + -' + 6'.*60.' 70 1'
' *'1,,+"61',+ -'5 .0 04 ' 50'5 .04.0' *60' 0'4 : 40*4.0', *:0* "0'6. - 0*' 0 -',1B
. -' "2.*1'4 "" - +".6. -',+ -' *0 +8' 2"0 6 .0' +.0'06'5 .0 04+8' 9*.: .0'.,'*'
,+ .0'516 +8'3+. -'50 4 .0' 4'6 2+' - .""06' G+14""':0 + -'0 6'(.*4 +8' : ".'3+'
+50""04 "0 -'5 06 1 . -' *' . ,0' 050 6. -'<+" +' "2.* 40 , 2',+ .: 6'. 6+60+6 + '
3+0'4 " - +".6 1*' - 5 +40*8' ""+ 6' - 51 6)8' "1,1'E.I'5.'#E1 - 0, +8',) -'0//'
5 ., 4 . 8' G+1' .41' : ".'.4' 0/0 , 6+ -' 04 6' *60 0.'3+ *3+0: '.,,056 8'
61 ' 09 8'" 60 8'60 - , 6.60 -'0<+8 - .6'.4 - 14+ - 01 - - 16' +*6'' 6.6 - 3+0'.4'
"1.**0 -'1'%0""+ -'3+'' 067"0 -'0 .6' , 2+*6': 40.6'*0'3+'0/'01' - 6+8' " "" '
51*.0' 1 .*6+ ' ""0'3+' *61* 1' *'1,,+"61' .:0 06'06' * 7 "1 - *+8' *60 - 50 6 :0'
.2'01' .4+ -'5+6. 06'3+14',1*60 - 56.' 041 + -'06',1 - 6 1 + -'.+41 6.60' 09 .'
" 9 .' + - 5 "%,6 $06 1'' ,+*0.0'+ 2 8'5 .2 041' - .*4.6 +60<+8' 0, 6.6',17 +".6

'%' ' '$' ' ' ' $' ') 6 ' I', ' ' '! ' 6 W' ? '
: ' :> ' ' 0 ' I2 .'$4 7 + ' : $' '
6. ' 'G 6 $' YB' 6 ' *', #' 1 ' '% ' U5 $' ' ? ' 7
. ' ' [' <')

ˢ .+41 3+0ˢ + 6ˢ+6ˢ ˢ .*, , 8 .0 08ˢ06ˢ .,+8 (T ˢ.4ˢ - *ˢ - 660 0*6+ < 19. 0*6
(' # ˢ * ˢ3+0ˢ%0"" ˢ*1 - *0ˢ+6ˢ40 0* 1 8ˢ*1 - *0ˢ,1*60*6+8ˢ 09 8ˢ*1 - *0ˢ.2 6 *0 06ˢ &0 - - ˢ
8ˢ *09"041ˢ. - ,ˢ ,1* 1ˢ 6 - + .*6 2+8ˢ#$1 6+9."" 8ˢ 5 16 *+8ˢ " 51*. - ˢ ,1* ˢ
60*4 6ˢ 3+1ˢ " + - ˢ . 60""0* *ˢ 14 1ˢ 5 1,+" 4+2 1ˢ 00056+ - ˢR ˢ +ˢ. - .2. *6ˢ
3+14ˢ06ˢ, :0* 6ˢ . - ˢ2A+" 1ˢ5 .0" 4 1ˢ5 1 04+8ˢ,+ - ˢ *ˢ,1 - 6.6+ˢ"09.61 + - ˢ:0* ",6ˢ
- - .*+0" 8$1 6+9."" ˢ ,+ ,%.9 1 6 0 :.*4ˢ,+ .ˢ01 - - .ˢ, .6ˢ515+"ˢ9 .6 . - ˢ
5 1ˢ01ˢ, .56.*6 8ˢ .:1 0ˢA1.** 8%0) ˢ 9*.:.ˢ06ˢ$06 ˢ ,+*0.0ˢ*09" 90*6 .ˢ,+"5. - ˢ
*ˢ%0""+ - ˢ6,X , ,*6 ˢ 0 6ˢ.6ˢ, 6 .,0 ,. - 0*ˢ *ˢ+ 20 - ˢ.4 - 660 ,6+ˢ: ˢS."
G+ *6 ˢ - 1/3+0ˢ.4 - +8ˢ60 - 5"+ - ˢ - .<+8ˢ.4ˢ5 0,08ˢ,1*, 5 0*4.8ˢ *9 04 6+ˢˢ06 *4, ˢ
- .<1 0ˢ5"02 8E1*,+ +ˢ .41 .4ˢ.04, 8ˢ 09 .8ˢ50 0/ 6ˢ+2 ".+4.6+80 6.2 - - .*+0"0ˢ
J1* 0,.ˢ3+14ˢ616ˢ.4:0 6.6 2+8ˢ *ˢ: 6.ˢ,1* " 4.6+8ˢ616ˢ50 ,+" 8ˢ, 056+8ˢ*+5, .0ˢ
0* , ˢ.*60.ˢ(02. 6 .*ˢ14 1ˢ06ˢ0ˢ .+ 1 + - ˢ51 6 0 - 1ˢ - .* 2+8ˢ 0/0 - 56+8ˢ2.+4ˢ
A *0ˢ - .* 0 6 ˢ 0 ˢ0+*ˢ 1"+ .ˢ0/ˢ + 6.*1 + - ˢ 09+ - ˢ 0 - ".ˢ +50 6 60 - ˢ51 6ˢ616ˢ
,.". - 6.6 6.*6.0ˢ 0" , 6.6ˢ 0 0 :.*6 8ˢ + - *0ˢ.4ˢ 09*+ - ˢ:1,.6+8ˢ0 "06ˢ 4ˢ - .9*1ˢ
5 02 8ˢ".", :"0*6 8ˢ5".+ ˢ.U4 6+ - ˢ+.,ˢ50ˢ: ,18ˢ06ˢ0/ˢ5.".6 1ˢ.2ˢ 5 1ˢJ1*"0,.ˢ +2".61ˢ
50 ˢ 0*0<(ˢ:0/ ""1ˢ 09 1 ˢ * .*68ˢ,". - 1 2+8ˢ0+ - ˢ6.*3+. - ˢ 090 - ˢ5 1 03+02.6+ ˢ<
9*. . ˢ6. *ˢ5 15 *3+1ˢ71 6 "ˢ0/0 , 6)<2 0:ˢ 1 0ˢ+63+. - ˢ".060ˢ,.*6."%06ˢ6. *ˢ - 10 6,ˢ
.4ˢ$7 " 55ˢ.4&0*6+ - ˢ 0,.*6. 06ˢ (0,+*4+ - ˢ7.0,ˢ *61* +8ˢ + +8ˢ.4ˢ .,.*6 *+ - ˢ
06ˢ0<+8ˢ +/1 0 - ˢ 06ˢ .4ˢU 1*6 8 09." 8ˢ - . ,7 1*0 - ˢ4.6ˢ" 60 .8ˢ3+ 2+8ˢ15 - .8ˢ ,1* ˢ
4 6 1*080 8ˢ1 0 02.6ˢˢ3+.8ˢ+60 3+ ˢ - 0" +8ˢ,1* +"6ˢ 0 5+0 +*6ˢ ."ˢ06ˢ1 - * 8ˢ"1 , .ˢ
.,,056+ - ˢ3+14ˢ ,+ - ˢ *ˢ 6 *0 0ˢ0 "06ˢ +/6.ˢ ˢ(.,.20 - + - ˢ: ˢ.2ˢ+ 20ˢ"0+, 8ˢ4+ - ˢ,+ - ˢ
J .*, ,1ˢ A - 0 4.ˢ50 ,7. 1ˢ "2ˢ.,ˢ - ./ - 0ˢ 41ˢ,1""13+ 6+ ˢ ,"155061ˢ.ˢ3+1ˢ4 Jˢ
5"1 1ˢ *,066. - ˢ 5 0ˢ " - 0 4.ˢ - 60 04 +8ˢ0 6ˢ $1 6ˢ<+ . - 0*6+ - ˢ 1", - *ˢ - 1 0ˢ5 .0ˢˢ
6 6+ - ˢ,+61J. ˢ.4ˢ0+ - ˢ - .9 6 .6+8ˢ5.+4ˢ0/ˢ*12 " 6.60ˢ.4ˢ5.".6 + - ˢ,1* "+0 0*6ˢ*.*ˢ?
0 0ˢ1 - *08ˢ - 40ˢ5 .0 .9ˢ.+6ˢ4 +90 .*6ˢ.+6ˢ 50ˢ+ 20 - ˢ".602.*6ˢ "0ˢ *4 9*.6+8ˢ
*1:18ˢ - .9 66.6+8ˢ0/ˢ 4 8ˢ 2 ˢ04ˢ: "2+8ˢ 0 0ˢ06ˢ *4 9* 8ˢ, 0.6ˢ05 ,15.6+8ˢ.,ˢ,1 - ˢ
- 0*4.8ˢ *60ˢ018ˢ4 6 2+ $7 " 55+ - ˢ71 60 - ˢ5+2" , .61ˢ4 5"1 - .6,ˢ5 1*+*, .6ˢ06ˢ018ˢ
3+ˢ "" +8ˢ5. 608ˢ 03+0 0*6+ ˢ6.*3+. - ˢ50 4+0""0 8ˢ5 1 , 2 6ˢ A1.**08ˢ%0""+8ˢ3+ˢ
7.*4ˢ"1*90ˢ7 *Eˢ9ˢ ,67", - ˢ, .6ˢ,19* 61ˢ *61* + - ˢ 090 - ˢ *ˢ+ 20ˢ40,". .6+ - ˢ.2ˢ
01ˢ50ˢ" 60 .8ˢ 1 , 6.6+8ˢ 50 - ˢ.4ˢ 5 * - ˢ.4,+*4ˢ404 6ˢ 04ˢ *1/ˢ,". - ˢ,+ - ˢ @ 4. ,1ˢ
2ˢ +51ˢ(9+0 .ˢ6 + - ˢ6 R0 - + - <3+.0ˢ *ˢ51 6+ˢ0 .*6ˢ5 .0 041ˢ5.4+8ˢ. 51 6.6 8ˢ"0 ˢ
,+ - ˢ ˢ.+601 + - ˢ ˢ3+.0ˢ+*4 3+0ˢ,1 . 0 .6ˢ,+ - ˢ 0 0* ˢ05 ,151ˢ *61* 1ˢ
2ˢ . 6 0* ˢ . ,. ˢ41 - *1ˢ .66 *1ˢ 1* .":1ˢ . - . .ˢ - - .*+0"0ˢ . 0 0 . ,61ˢ
J .*, ,1ˢ 0*0 0ˢ 4:. 41ˢ - . 6 12".*,1ˢ,6ˢ +4ˢD .0 . 1ˢ? 0612 9. - ˢ.4ˢ 041 ,8ˢ
,1*60*4 6ˢ &0 + - ˢ51 6+8ˢ *9 0 " ˢ5 17 2 6+8ˢ,+ - ˢ0/ ,0* 1*0ˢ .4.ˢ50ˢ60 . - ˢ.4ˢ
,1""09.8ˢ: "06ˢ06ˢ3+14ˢ " 51*.0ˢ *61* +8ˢ 0/ˢ ."+6.6+ "06ˢ3+. ˢ515+". 0ˢ , ˢ
4 6 1*0 .4+ - ˢ0/,+ . 06ˢ,+"5.ˢ *ˢ+ 2 8ˢ5 .0 ,4+ - ˢ 0<04.ˢ : 4 " - ˢ 0ˢ0.ˢ%,""ˢ
*16.6.ˢ .: .ˢ0/1*0 .2.6ˢ +.8ˢ6. - 0*ˢ,/,+ .6 1*08ˢ.5+4ˢ 041 08ˢ.55 12.60ˢ*1*ˢ
516+ 6ˢ06ˢ3+. - : 8ˢ+"6 1ˢ12".6.ˢ50,+* .ˢ - .9 6 .6+ˢ.2ˢ 8ˢ - 16+8ˢ0 6ˢ.2ˢ013+0ˢ60 - 8
51 0ˢ5 :.6ˢ0ˢ *12 " 6.60ˢ*1*ˢ3 " *3+0: ˢ"1,1ˢ *ˢ 0*.6+ˢ 0*60*6 . - ˢ4 / 6ˢ .ˢ *ˢ ,ˢ
1".ˢ - .9 6 .6+ˢ+ 18ˢ0 "0ˢ 041 08ˢ.2ˢ 0* ,1ˢ * 6 6+618ˢ12 0 :.6+ - ˢ0 6ˢ,+ - ˢ7+0ˢ+ 3+0ˢ
0+ˢ - 06+ˢ 0+ˢ,1** :0*6 .ˢ3+.0ˢ *ˢ0/6 0 - 8ˢ*0,0 6.6 2+8ˢ 0 - 50ˢ50 * , 1 .ˢ0 6ˢ4 6 ˢ
- +".6 150ˢ,+*4.ˢ6 .* 09 "0*6ˢ< 06ˢ6. - 0*ˢ *60 - 50 6 :0ˢˢ,+ - ˢ *01ˢ0 0*6ˢ+6ˢ2 0:ˢ
+5 0 - .ˢ.+41 6.60ˢ3+. - ˢ - ."0ˢ+60*41ˢ. - 0 .*6ˢ5 1 "+ ˢ0/+0 0*6+ ˢ 2 0 :.6+ - ˢ
+ +8ˢ .2ˢ01ˢ 4ˢ .4+ - ˢ3+ˢ7.+4ˢ4 +6 +8ˢ5160 6.60ˢ3+.ˢ 041 08ˢ 51" .:0 .6ˢ9.: +8ˢ
+ 6ˢ3+ 5503+ ˢ 05+4 .6 8 3+.0ˢ.$7 " 551ˢ1 0 02.*6+ ˢ15 - 8ˢ.401ˢ,1*4 6 1* 2+8ˢ
* 7 "ˢ 4 0ˢ3+. - ˢ*1*ˢ 09*+ - ˢ:4ˢ ,0* ,.ˢ1 60*6.6 1*0ˢ409+ 6. 0ˢ - ."+0 6ˢ *60 ,.
61 8

% $ ˢ . Aˢ ˢ ˢ ˢ ˢ4 ˢ ˢ+ ˢ % . ˢ ˢ ˢ ˢ ˢ ˢ % .
D 0ˢ /+ ˢ U% ˢ L2% #ˢ ˢ+ (ˢˢ ǁ ˢ5 0 ˢ ˢ ˢ ˢ ˢ $
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61 +8 ' 0".5 1' ,+ - ' 50,+* .'%0""1 ' ,+ - ' .2' 0.' - ./ -0' ".21 . 06 ' + - -4' 1 - * .' G '
., ,2.6' +6' :0" 50 ': -'50,+* . - ' .2' *: 6 8' - , ,.61 2+8' *' + 20' 0/61 3+0 06' 06' - ' ' # ' '
" 60 - ' 3+0 *' 51""06' ,1* 0 20 06' 50 6' ,. ,0 08' 06' - ."0 , 8' *' 71,' 20""+ - ' 50' - '
5+* 6.6 8' . - .' ,1*,0"%.' ' .+ ' 06' ' 067 1508' 0 : ' 3+1 + - ' 5"+ -+8' *' 0.'
+ 20' + 8' <+91' 41 - *1 + - ' 1"+6 ' 06' .4' - " 6 . - ' .+41 .6' <+:0*08' 71*0 6 1 8' . '
- .,' 0 0' 6 1*08' 3+.*6+ - : 8' 406 0 6.*608' . - .' + - 0 0' ,1 .4 ' G+.0' 1 - * .' .'
., , 8' 06' - 1*. 6 ,. - ' : 6. - ' 5 1 0 8' - .<1 0*0 0" 9 1 ' *1 - * 8' 4040,1 0' .*' - '
5 +40*6 .' *,0 6+ - ' : 1"0 60 ' .4 - * 6 .2.*6+ ' < 3+ 550' 3+ *1*' 5 1: 40 0*6' *' 7 8'
1 - * 2+8' 12' 0' - " 6. 8' - 50 6 . - ' 06' *,0 6. - ' 40 - ' 5. + - ' 121 8' .+6' 4+, .0'
0 0' 6' :061' - .", , ' 06' 0 : ' ,+*4 ' 0 0' .4' "2.*+ - ' 6 .*8 +90 - *6' .4013+0' 1 - B
* + - ' - 0*608' + 1 ' *:. 0 .6' +6' 51 6 0 - 1' 5 ' - 1*.,7 ' .' ., 4 ' 3+ ' ." 18' *' 20""+ - '
*, 6.2.*6' .4' . - .' 6 .4.*4.' .+41 .6' 0' 20"" ' 7+<+8' .0: 6 .0' - 0+0 *6' " ' 06'
*' *9" . - ' 06' E."" . - ' 3+ ' *61* + - ' 090 - ' ? 0"04+ - ' 06' .+/ " .' *1:1' 09*1' '
- .*41' 506, 0*6' 5,,+* .' .4' 4' *' - .*+8$06 ' 1 .0' ,1* +" 8' E."" ' 3+ ' *' + 20' 040 - '
7.206' ,1* 9*.6.' 5"0' *61* +8' .4' 041 08' 0 2 6< 06' .4' 0' 6.*3+. - ' 090 - ' +6'
&0* .*6' <+206' E01 9 1' 0*0 0' 3+ ' .2' "" 8' + - - +8' 0/0 , 6+8' 4+/' , 0. - 8' +0 .6'
3+14' 4,' 0<+8' 40' 4+2 6. 06' ,.561' 06' 5.+"+ - ' .2 + 6' 5"020' .' - 1*.,7 8' ,1*46.6.' *'
60 041' %+ *' 0/0 , 6+8' ,+ .' 4.,1' 90*6 " ' ,1 - - .' 0 6' 3+14' "" ' 5.+"1' 51""' *'
,/ 6 + - ' :0 6 6' J+ 0*60 - ' *61* - - ' 06' 6+ 2 40' ,+*4.' .4 - * 6 .*60 - ' *,0*402.*6'
- 1*.,7 ' .' ., 4 ' + 8' 06' 5 ' .,,0* ' < 5"02 3+0' 01 . .' 0/0 - 5"1' * .* 0*8' 06' .,.'
40 - .0' ' 1* - 2 ,0* 8' 6701"19 ' +6 "3+0' .,08' .4 - 1:0*608' 6.' +6' ,+*4.' 2 '" ,0 0'
,/ 6 - . 0*6' 06' +6' :16' ,1 - 51608' 0:.40 0*6' 1 - * .' 4 : *.' 06' 7+ - .*.' <+ .' + - - .'
., 1 4 * 8 * . - . - 002.*6' 3+1 + - ' .:1 0' +2* /+8' *61* +8' .* - ,.0,+8' 06'
1 - - .' 02 +' 8' *' 50 * , 0 - ' +02.6' 8' 06' 0 5 0 .6' .4' % 6.*+ - ' ' &.0 - ' &090* 0 - '
3+ ' 2 (.*<+" .*. - ' . ,0 - ' *' 1 6 1' %.9 ' .' 041 2+8' ,1 - - . - ' 0 :.2.6' +6' 0. *' 2 '
6 .4, ,6' :0 + - ' ""0' <+8<+ .*4+ - ' 06' ,1*6 . + - ' - 50 + - ' ,.+ .6+8' 0' 0/,+ .:0 .6'
6.3+0' 0/' 40"04 2+8' + 2.* 8' .4' ' ""+,' +2' 4+, 2+8 *0/50 6 8' 6+ - +"6+1 0' - "
& ' ' 7 ' :061 ' ,+ - ' .4' " 60 .8' *1*' 5. 0 0*6' 041 08' - "%+8' J .*, 0+8'
$1 6+9.""+8' & - 1 ' ,1 - 08' ,+<+8' .4:0*6+' 4' 3+14' 0:0* 6' ,1*<04.*8 .,.*6 .0' 4+/'
3+ ' .4, .6' 5 16 *+8' *40' 4 004 6' 06' ' $1 60"". - ' +.0' 4 6 1* 8' . ,0 - ' ,1* +9 6' 6'
& - 1 +8' ,+ - ' 041 08' .4' *61* ' 5. 608' 50 6 .70 0' *1*' 51 "06' 0 - 04 1' 3+1' 2"1'
1 6+*.' .,' 5160*6 .' *61* ' * 602.6+ ' + +8' 50 ' .,0 41608' .,' - 1*.,718' 5"020 - ' *'
+ 20' .4' "04 6 1*0 - ' 0/, 6.6' ,,+5.6.0' 050*60' 51 6.0' 6.6 1* 2+8' 5." - ' 40<24 8' < 06'
,+ - ' 041 08' 3+. ' 09* ' 5 14 61 08' ,1* + 1' :+"9 ' ,". - 1 0' .4' 510*. - ' 51 00 0*6+
" ' +6' + 1 0 - ' 515+"' 40: 6. 0*6' 7+0' ""+,' 50 ' 41 - 18' .2' . - , 8' 604 ' 4 ".2+*6+ ' 06'
6.*40 - ' 50 ' +*48' 0' 0/' - 10* 2+8' *' 1 ". - ' 40 - 66+*6' < - 0 .2 " ' 5 1 +8' 504.,+"1'
6.' +6' 3+ ' *+50 ' 09*+ - ' ,+ - ' +5 0 - .' 5160 6.60' - 140 .2.*6+ ' *+*,' .4' 1 - *0 - ' * '
<+ . - ' : " " - ' ,+<+ 3+0' . 2 6 1' * 0 0*4. - ' 0/51 6' 0 60*6' %0""+8' 6. - 0*' 06' . ,7 0'
5 015+8' + 2 8' *61* ' . - , 6 .0' 4+, .' 0612 9.0' 0 - .* 0 .*6' J .*, 0+8' 9' (.4.
A1.**08' . ,. 09*.' 06' 4.,+8' +5+8' (1".' 6 05 4 ' . - 1*6+ - ' $7 " 55 , ' <+ 8'
' 155 4+ - ' + 3+0' ,1* +90 +*6' 1/ ' 0/' 5.:1 0' ,1""04 8' .* - 8' ,+ - ' .4' $7 " 55+ - '
04.' 5 1 04+ ' , ,4, 0*6+ ' 71*0 6 1 0' 2 ' 06' +6 " 1 0 02+8' $7 " 55 ' ,1* " 1' L . *'
,. 6 + - ' *%+ 406.* 8' 4 6 1* 8' + 6.*.0' 0' ,1*6+"0 +*6' ' +2 ' .+41 6.60 - ' 5 6 *. - '
06 *0*608' 4,, ,61' .41' $7 " 55+ - ' "09 6 - + - ' $1 6+9."" .0' 090 .' 06' *61* + - '
71 60 - ' .,' 5+2" ,.0' 3+ 06 8' 50 6+ 2.61 0 .' 5 1*+*, . +*6' 3+1' ,19* 61 ' 5"0 .3+0' 15 '
5 4.' .4' 5 - + - ' "2.* ' - 50 + - ' 404 6 1*0 - ' 0,0 0' (+50 .2.*6' 0612 9.0' "09.6'
5 *, 5+ - ' 06' $7 " 55 ' *' 5 - 8' .4' 3+1 + - ' 41 - 18' ,+ - ' ,1*,+ +8' .' 5"020' 0 06
& - 1 +8' *<+ . - ' 5 17 2+ 6' 06' 018' + 20' 4 - "28' *' 6+6+ - ' 404+/ 6' 041 08
' .20+*60 8
$ ' D! $' ? ' ' ' I' #' ' ' ' + , ' U+ '' ' 4 $ ' ' ' 3
+ ' ' $' /' ' ' 5 #' ' + ' ' C & ' / ' $' & $
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'.20+*60 8 0,+6 +0 .*6 *61* +8# . 6 0* 8 . ,. '41- *+8 6 4:. 4+8 . 6 1
'2".*,+8 4.,+8 +5+8 4(9+0 . +41: ,+8 .0 . +8 J0 4 *.*4+8 4 1 19*.
$06 +8 0*0 08 ." '0/'5 .0, 5+.'*12 " 6.60 3+ ,1*6 *+1 .4$7 " 55+ - 6 .* , +*6
+*,',. + - :. .,'"1*90 4 :0 - 16+8 "0,+6 +*6 . - ,+ - 0/ 3+ *3+0: 8 6 ,8
$7 " 551 09*+ - .+41 6.60 +. 406+" "0*6 ,1*6 .% 6.*+8 &.,8 3+ (.*<+" .*. -
. ,0 - 3+ *3+0: 1 + - 6.*60 6 2+*." 6 .40 0 0,+ .:0 .6 4 5.61 0*.6+ 06 6.
1"+6. 01 +*40 - +6 02.6* 5160 6.60 ,+ - *61* 1 5.4+8 :, 1 .+ 01 + - .,
,056 8 "1,+ - * (02. 6 .* 61* 8 - .*+8 6 .4 4 6 1/ ,6 . ,. + - 3+14 +/1
61 . 6 0* 8 60*02.6 ,+ - .4 4 ,0 +8 - . 6 . - . - "1,+ - 40 0 + 06 .2 *6
l * ,0 404 6+ *40 0612 9. - 5 1 , 4+8 *61* +8 "1,+ - 51 6. ,1 - - 14+ -
06 6+ - + - ., .4 08 90 0*4.8 1551 6+*+ - 5 ., 4 1 - +* : 6 6 .,.*6 *+8
3+ 0 - .<+ 8 : . ., .6 1*0 .4 .50 6. - : - 404+4. - : 4, ,6 06 + 6 .<+ 8 +
4+, . 7.40*+8 ,+ - $7 " 551 6 .* 90 0 .2 +/1 0 - 516,*6 8 .* - 10 - *. - 50
4 6+8 4 6+"0 .6 6.*40 - . - .& "".: , 1 . 0 1 0 1 0 - .9*1 ,0*8 0+ - 50 *4,
0 - 0*4. 0 *1* 5 6+ 6 . - - 1 .4 $7 " 55+ - 3+ 3+14 7.40*+8 4 6+" ,6 50
6 6 8 0/ :0 1 .6 1* 2+8 0/,+ . 06 06 <+8 ++ - 0 0 ,040 0 5. .6+ - .03+ 8 ,1*4 6 1
* 2+8 1 60*40 06 $7 " 55+8 .,.*6 * 6. 4 6.60 * *, 05+ 6 0. 0* - 0 ,4+ - 0 0
+6 08 .4 . - . 40:0*0 *6 " 2 12 - - 14 ,18 + - 56+8 + 6.* .0 12 20"" *,1 - - 14.
4. - *1 1 0/ 6+ 06 ,0"" 1*0 <+ 8 + 3+1 - * - 0 .4 5 15 + - - .*4+ - 15+8 7.
20 06 0"0:.6. 6. .0* +6 0 0 9. .67. *.* 5 1/ - . 2 ,19*.6 1*0 ,1* +*4. -
20*0 . ,4+ - . - 5" ,.*4.03+0 0<+8 . - " .0 ,+5 4+ - 1 60*40 06 +6 40 ,1*4 6 1*
2+8 .90 06+ 50 - 6 3+.0 ,+ - * - ., : 40 0*6+ 06 $7 " 55+8 .*60 1 - * . 5,60 06
+6 .,.*6 *. 0 090 - .9*1 ,0 06 1*:0* 5 1 60 - 51 0 *1* 516+ 6 *60 ,. "
2.*+8 51"" 1 60*6.6+ - + +8 $7 " 551 * ., 0 . * 6 +4+ - 0/0 , 6+ - . :+"1
6 .* - "2 3+ . 60"". - . $1 6+9."" . .2 0. 5. 60 4 : 4 6 * : . - 0 4040 .6 : S ."
G+ *6 " 06 60 6 8 ,. 6 8 $06 1 ? .+ ,0 $.4 "". 06 $06 1 .". 5 .0 - "" 8 ": . 6
:,* 6 *40 ": . + - +*. - \ 6 0 - 1 6+ - - 66 6 .4 ,+<+8 .4:0*6+ - 155 4.*
1 .*4 * 8 . * 60*6 2+8 5 - . .0 .+41 6.6 8 *60 155 4.*18 06 $7 " 55 5. 6 2+8
.44 4 8 ,1* 0 6 - 404 6 1*0 - 0,0 0 (04 A1.**08 ? ,0204+8 %7.". . ,7 +
6.* .0 " +8 .4 - 14+ - .41"0 ,0*8 ,+ - 5 .0 4 . 8 06 ,1 - - 0.6+ * . ,0 - ,1* +90 .6
0. * 6+0 ,0 6+8 41*00 . 041 2+8 . 3+ 2+8 .,,050 .6 "".+ 6 .40 0 <+20 06+
$ + 6 . ,+ - 01 . 7 " 1571 1 1 . 06 J0 4 *.*41 %1"06.*1 40 404 6 1*0 .4+ -
6.*40 - .4 - 16 8 61 - 0*6 8 ,+ - - " 608 ." 3+16 0 50 - + + - 40 - 0*6 - 50 6+8
<+:0* 8 ,.+6 1*0 *1* 506 6. 06 12" 4 2+8 - * - 0 .,,056 8 ,+ - A1.**0 - ."41
*.6+ - 3+. 40 404 6 1*0 .4+ + - *6 . . ,0 - 4+/ 06 .2 01 , ,+ - :0*6+8 06 ,.56+8
0 6 ' 5.+"+ - 3+0 .2 9*1 - * 1 .0 - 1 6 8 50 ,+"1 .2 + 6 "2.*1 - 1*.,71 + - 3+1
- *4. - 5 0, 2+8 06 1 .0 5""+8 *60 :0*6+ 0/1 .61 +6 40 6+ .6. - 510*. - .,6.6
,1*41*. 06 6.3+0 +2 ,+ 614 . & " . - : , 1 . - - "%+8 0 6 2 1*8 - .<1 - 1/ :0
* 0*6 "2.* 5.6+ 6 3+1 0/0 , 6+8 5 4 1* G+ *6 " :0* 6 0" 4. ".0:.*
21 . 3+.0 06 20 ." 6.8 A+" . 1" - 4 4. 50 60 .4 - 14+ - * 0 6.6. ' .4 3+. - 6. - 0*
- "78 0* ,+8 E+ - .*+8 3+ , :0 8 * 40 - ., , 50 06 3+14 - .9*1 ,1*,+ +
.4+ - 4.,1 . 6 0* 6 + 2 8 5 .0 041 0 +2+ 2.* 8 71 6 8 3+1 ,+ - 0" 3+. *
2 " 6.60 12 ,1*6.9 1* 8 - 06+ - ,1*,0 0 .6 .4 - .<+8 60 - 5"+ - .,,040*60 06 ,060 8
0/, - 5"1 +1 5 .00+*60 1* 04+ - 0. 40 0 * 6 + - 0*6+ - 1* 6.*6 * 61* 8
+ 2 8 .2 05 61 8 - .*+ +2 0 56+ - *40 3+. 6 8 ,. 6 8 "2.*+8 0,0561 * 6 *0 ,
. +41: ,1 6 ,1 6. U ",.C. 1 1 ." 1 "1,1 66+ - +* 61 .4 0612 9. - ,. 6 .
- 06.6+ *+ 3+. - ,1 - 5. 0*60 .4 40 0* 1*0 - 4.,1 0*, 0 ,+<+8 6. - 0* .401
- .9*+ -

G ! !)$,8 # ! $ 8 * $ $
2 % ! " $ 2 # $ 2 ! * 6$ " / ! $ 2 $ 2 1 $ 5 ! *
; $,)$ $ ")$ B ! ! $ - # , $! $ U2 !# "
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- .9*+ -ʾ *1 - 0*ʾ *60 ʾ +18ʾ 0 .6ʾ 06ʾ 3+ ʾ 5 1 09 8ʾ *4 . + -ʾ 4 9* 6.60 - ʾ 3+. -ʾ - . / - ,ʾ
1 - * + -ʾ + 6.*ʾ 5 1,0 08ʾ . - 2 +*6ʾ 0,+ .:0 .6ʾ +6ʾ 40 ,* 1*ʾ 09*ʾ 150 . -ʾ *.:. 06ʾ ' # ʾ
&, - -ʾ ""0ʾ 0 61 - -ʾ 60 9 :0 .6 1*08ʾ 06ʾ *,0 6.ʾ ,1* " .ʾ .,ʾ 0ʾ *%+ - - . .0ʾ 50*+ . -
5 1ʾ 0/,+ .6 1 0ʾ 5 .,60/02.6ʾ 3+ 2+8ʾ 0 04+ -ʾ 0 "06ʾ +6ʾ ,+ -ʾ 02+8ʾ 4+2 8ʾ * " 60 -
4 41ʾ .+4 ,*60 -ʾ 6+2ʾ " 9* 8ʾ *1*ʾ 7.20 06ʾ *00"1, .ʾ - +* 0ʾ .,ʾ 5 .0 4 1ʾ - . 0ʾ *00ʾ 71 6
1,,+ 0 0ʾ 516+0 6ʾ (+2ʾ 4ʾ *61* +8. 0612 9.ʾ *ʾ +620 . 04 0 .6ʾ 3+. -ʾ 09 .ʾ 51 - 5.
6+*,ʾ 5 - + -ʾ *9 0 +8ʾ 0 6ʾ 0612 9.ʾ (.66<+" .*.ʾ . ,0ʾ 06ʾ "1, 8ʾ , ,+ - 51 6 8ʾ *ʾ 51
60 6.60 -ʾ 04.4 8ʾ 1:.*8ʾ 06ʾ 3+. ʾ 1 - * *1ʾ 4020"".6+ -ʾ 0 06ʾ *60 ʾ 50 60 -ʾ 20""+ - 3+,
*60 - 50 6 :.ʾ " ,0*6 .ʾ 0/+"6.*8ʾ *60 ʾ 6 + - 57."0 8ʾ .55. .6+8ʾ 3+ 2+8ʾ 0/,056+8ʾ 0 6
504.2 " 8ʾ *ʾ 5 - 8ʾ + 6ʾ - +" 0 ,+". + -ʾ - 0 ,08ʾ *ʾ 5".60.ʾ :0*40*6 + -ʾ 51 - 5.ʾ - .
C1* ,1ʾ ,+"6+ʾ *" 9* + -ʾ ʿ3+. + -ʾ 3+.0ʾ 4+/ʾ 0 .6ʾ 7. 6 "8"1,1ʾ 5.". -ʾ 90 6.2.6 0* :.6.
50 ʾ 71,, 9 2. 16.*.0ʾ 5+9*.0ʾ * 0 - 1 .ʾ *ʾ 3+.ʾ + 6.*ʾ . 60""0* 0 8ʾ : ,0 +*6ʾ 06
+ ʾ *. .ʾ +*.ʾ 0560 -ʾ . 60""0* 0 8ʾ 5.".ʾ +.ʾ 1,, 4 "0ʾ 6 .4 6+ ʾ *60 ʾ +418ʾ 06ʾ 7. 6 "+4 .
,+ -ʾ 40ʾ "2.*ʾ .4:0*6+ʾ *+*, .6+ -ʾ 0"%06ʾ *61* +8ʾ 2$ .0 4 1ʾ A+" 1ʾ - 06+0*8ʾ 01ʾ ,1
5 .8ʾ .+/ " . , 8ʾ 3+.8ʾ ,612 9. -ʾ 516 +8ʾ - "%.8ʾ 351 6+0 .6ʾ - ."0ʾ 40ʾ + - - - 50 .
61 8ʾ ,1* " 8ʾ <+4 ,.*8ʾ - 6ʾ 06ʾ 3+1ʾ 5 15 +8ʾ 50 ,+"1ʾ 01ʾ 08ʾ - .9 8ʾ ,1* .0ʾ , .*6
ÚE. 4,* ʾ ,5 0151ʾ ʾ & - 1 1ʾ ,1 - 60ʾ - - .*+0"0ʾ $1 6+9.""1ʾ 06ʾ 4.,1ʾ Iʾ 160""1ʾ
0* 1 0ʾ ,+*4.ʾ " ,0*6 1 0ʾ .4 - * 6 .*6 2+8ʾ 12 " 6.8ʾ 3+. - : 8ʾ 60 6 6.*8ʾ - " 6 . ʾ
*1 - 0*ʾ 4. 0ʾ ,1.4.ʾ 3+ʾ . - .ʾ 0 0ʾ *1*ʾ 5160 .*6ʾ 21* 8ʾ 51" .6 ʾ ʾ +*4+8ʾ 09 +8ʾ
1 - * 8ʾ 4 ".5 4.6+8ʾ 06ʾ *ʾ 5 - 8ʾ - - .* 8ʾ 5 06 ʾ .4ʾ 03+1 -ʾ 06+ *ʾ 0/ʾ 90 - - 8ʾ 5 06 1ʾ
"% - 8ʾ 06ʾ . 0ʾ . 6 , 1ʾ *ʾ *4 .ʾ 0".21 .6+8ʾ .55. .6+8ʾ 0ʾ 3+ 40 -ʾ "1, 8ʾ ., 8ʾ 5. , ʾ
6+ *ʾ 5 8ʾ - 1*.,7 8ʾ .,ʾ ., , 8ʾ 50,+* .8ʾ : 4+. + -ʾ .,ʾ 1 52.*1 + -ʾ .5+4ʾ 0ʾ 4051 6.8ʾ
5 140*6 2+8ʾ ʾ - * 6 8ʾ 09 8ʾ .:. 6 .ʾ ,.0, 8ʾ 06ʾ 6.*3+. -ʾ +2ʾ 2 0:ʾ - 50 1ʾ 0 6 ʾ
*.*6 2+8ʾ :0/.6ʾ , :08ʾ 3+14ʾ 04 4 8ʾ 09 8ʾ 3+.0ʾ 3+16 4 ,ʾ *1:.ʾ .2ʾ 8ʾ ,+402.*6+ ʾ *1*ʾ
5. , 0*6ʾ 5"0 + - 3+0ʾ "09 2+8ʾ 4+ - 8ʾ .44 6 8ʾ 06ʾ ,+ -ʾ 0.8ʾ - 5"0 ,ʾ *1*ʾ 51 0*6ʾ 3+. "ʾ
ʾ ,. 4, -ʾ ,1 - - "0ʾ ,1 : 4 ʾ 9 .: +8ʾ - +"4.2.*6+ ʾ 6.ʾ +6ʾ <. -ʾ ,1*:0 8ʾ :1"+*6.6 2+8ʾ
(02. 6 .*ʾ 60 - 51 .ʾ 06ʾ 5 + -ʾ 0* ,+ -ʾ *+50 ʾ 4+ -ʾ : :0 06ʾ .,A01ʾ *: + - ʾ *ʾ 7 8ʾ
.*9+ 6 8ʾ ,1 - 5. .6 1*0ʾ 4060 1 8ʾ ,+*4ʾ 5.". -ʾ 40 40 . 0*6
& ʾ " & # ʾ ,+ -ʾ : ,+ - ʾ ,+ʾ 3+.0ʾ ."2.0ʾ *1 - 0*ʾ :0* "06ʾ ʾ .ʾ 0612 9.ʾ
"0+, 8ʾ *40ʾ J0 4 *.*4+ -ʾ #%1"06.*+ - ʾ $06 + -ʾ 04 ,0 -ʾ 06ʾ (.*4) -ʾ : ". -ʾ ,+ - ʾ
5 1 + -ʾ ,15 8ʾ $06 + -ʾ 1* .":+ -ʾ 0*41C. -ʾ ,+ -ʾ / "ʾ 0.51" 6.* 8ʾ :0/ "" 8ʾ 06ʾ $0B
6 + -ʾ .ʾ 2ʾ (161 - .<1 0ʾ ,+ -ʾ : ʾ (,+" 8ʾ 06ʾ) * +2 2+8ʾ 06 +41: ,+ -ʾ *# * ,0 -ʾ ,+ -ʾ
+.ʾ ,9 1*0ʾ 5 1 +*4.ʾ <. -ʾ *140ʾ 5 .0 - 0 .6ʾ 3+ʾ 60*02 8ʾ 40 0* ʾ 71 5 6 + -ʾ , 6 .ʾ
50 ,+"+ -ʾ *ʾ 71 6 8ʾ +2+ 2.* 8ʾ .2ʾ 0.ʾ 5. 60ʾ 3+.0ʾ 0560*6 1*4*ʾ 0 5 , 6ʾ 2ʾ + - 5 0ʾ
+*6ʾ "2.*+8ʾ 51 6 4 0ʾ ,+ -ʾ 0" 3+1ʾ 0/0 , 6+ʾ .4:0* 6ʾ 0" 4 8ʾ ." 3+16ʾ ,15 8ʾ 3+.0ʾ
- 504 - 0*6.ʾ 0 :. 0*6ʾ 55 41ʾ 5 .00 .6ʾ J .*, 0+8ʾ . ,. 09*.ʾ ,+ -ʾ 3+1ʾ 0 .6ʾ ʾ
4.,+8ʾ *ʾ 16,""+8ʾ <+* 1 ʾ 3+ ʾ * - 6.60ʾ "1, ʾ 50 "504.ʾ ,+ -ʾ : 40 06, :0 8ʾ - ."0ʾ .* B
- .608ʾ ,6ʾ .4ʾ "5.*1 + -ʾ : *0.8ʾ 5."" -ʾ ,.040*6 + -ʾ 06ʾ ." *. + -ʾ ,.*.R 8ʾ + - 50*ʾ
6 + -ʾ ,1* 504+ -ʾ 4040 0ʾ 0ʾ 5. .618ʾ 06ʾ 5 ʾ .4ʾ 5 - . -ʾ "2.* ʾ ,+*4.ʾ ".":. ʾ 5. 0 0*6ʾ
51"" ,,*6 8ʾ 6ʾ - 50 + -ʾ 406 04. 0*6ʾ 0/6 0 - .ʾ 1 - * .ʾ *60 - *.*6 8ʾ 40*+*, .6 1*0 -ʾ
- "%1ʾ *9"1ʾ - " 60ʾ 40ʾ 404 6 1*0ʾ .90 0ʾ ,1050 +*6ʾ 01 4ʾ - " 60ʾ ,+ -ʾ (- 1ʾ B
.*4.ʾ 1 - *0 -ʾ 150 . -ʾ 4. 06ʾ +6ʾ ,+ -ʾ "2.*1ʾ . - ,0ʾ 6 .* 90 06+ ʾ 5 0ʾ : 6.0ʾ 50 ,+"+ -ʾ
.4 6ʾ *ʾ "+: + -ʾ +2<04+ -ʾ .ʾ + ."ʾ - +"6 6+4 *0ʾ 5 .045 6.6+8ʾ ʾ : /3+0ʾ ,.57.ʾ . 056.ʾ
0 :.6+8ʾ 0 6ʾ A.*.3+0ʾ 61 - 0*6.ʾ .4:04.ʾ 0 .*6ʾ ,+ -ʾ +50 :0* 0*60ʾ *140ʾ 4+,08ʾ 40ʾ
,:0*6+ʾ :0 6ʾ 3+ 3+0ʾ ."+6ʾ +4 0ʾ 4 :0 ʾ ,1* 6 "+*6ʾ .56+8ʾ *60 ʾ +9 0*4+ -ʾ 160""+8ʾ
06ʾ 4.,+8ʾ]ʾ (."0*.ʾ .ʾ $7 " 55ʾ 5. 6 2+8ʾ - . / - 0ʾ ." 0*+8ʾ ,+ -ʾ 4 +ʾ - 1*.,7ʾ :0 60ʾ 604+8ʾ
".6+ "%06ʾ 51 6 0 - 1ʾ 405 070* +8ʾ . ,. 09*.ʾ +9.ʾ .4ʾ *61* + -ʾ 0:. 6ʾ 55 4+ -

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% $ ʾ ʾ+ ' ʾ ʾ+ , ʾ ʾ .ʾ+ ʾ 6 (ʾ ʾ ʾ,
2 ʾ ʾ)ʾ% ʾ ʾ6 ʾ 2 - ʾ) 2 ʾ ʾ .ʾ+ ʾ 2 ʾ5
(# ʾ E % _ ʾ+ 6ʾ ʾ $
. ʾ "" ʾ

ʿ *ʿ5" . ,4. - ʿ - " 6 ʿ , 0 6ʿ #(.*6. , - 4+8 ʿ ,+ - ʿ0/ʿ 0*0 670 ʿ51 6+ʿ : ʿ 4 ʿG+ *6 ʿ
' # ʿ " % 1": "06 ʿ . - 1*6 + - ʿ 60*0 .6 ʿ +2 ʿ ,1* " 1ʿ ,+ - ʿ " 1* 2ʿ E+ - .*1ʿ 04 * .0ʿ (ʿ
41* .0ʿ06ʿ 140 ,1ʿ (": .ʿ$. 6 .* .0ʿ 4+, 2+8 ʿ E 2 ."01* 8ʿ * . . ,7 1*0 ʿ *61* 1ʿ . ʿ
6 0* ʿ E. 0. ʿ41 - *1 ʿ 4: . 41 . 6 12". * ,1ʿ 06ʿ .".8ʿ + 6. * 8ʿ 03+ 6 2+8ʿ 7 . 2 61 ʿ
5". ,+ 6@ʿ+6ʿ ." 3+16ʿ * . :08ʿ. - .6.0ʿ .4ʿ * +".8ʿ C1 .8ʿ - 660 0* + ? 3+.0ʿ ,". 0 - ʿ0 /ʿ *4 .ʿ
:0* 0*60 - ʿ0/, 50 0*6 ʿ *60 - ʿ (.*6. , +0 +8ʿ 60 ʿ ++ - ʿ 50 03+ 6+ ʿ 06ʿ " 6+8ʿ "090*8ʿ
ʿ%+ 406.* .0ʿ "1, .ʿ - . 6 * .ʿ *ʿ 5160 6.60 - ʿ ,4 9 6 ʿ , ,056.ʿ *ʿ 40 - ʿ % . : ". ʿ J. ʿ
+ - ʿ& "". *1: . ʿ .918 ʿ , . 6 .ʿ .2ʿ (* .0ʿ1 6 1ʿ .4ʿ ʿ5 1* 1*61 + - ʿ (ʿ& * ,0*6 ʿ .561ʿ
0612 9.0ʿ155 41 ʿ 0 6.2.6ʿ?%+ 8ʿ *ʿ .+, 2+8ʿ51 6+8ʿ 51" 6. ʿ ,6ʿ .4ʿ714 , * . - ʿ - + ʿ
* 0*4 ʿ .6 1*0 - ʿ6 2+8ʿ 5 15+9* . ,+" 8ʿ 09X09 0ʿ - .6. ʿ .4ʿ 7 . , ʿ "1,1ʿ . 5, 1ʿ 06 ʿ +6ʿ
, 0402.6+ ʿ .ʿ 5 .0 4 . 8ʿ 61 - 0*6 8ʿ * . ,H0 %1ʿ 6.ʿ $ .00 .6ʿ 0*4+8ʿ 16.ʿ< 3+0 * ʿ
+ 6 .ʿ<+ "+ .ʿ 0 - 0ʿ .63+0 6, + - ʿ . ,0 - ʿ 4040 0 ʿ 60 6 1ʿ 4.6 8ʿ .4ʿ 5 + - ʿ " 60 8ʿ 50 ʿ 1ʿ
2 *+ .ʿ ++ - ʿ60*6.6ʿ "2. *+8 ʿ ,+ - ʿ * 7 "1 - *+8ʿ 0,+ . 06 ʿ 51 6 0 - 1ʿ : 8ʿ .47 2 6. ʿ 06ʿ
5 .060 ʿ15 * 1*0 - ʿA1 ʿ .56ʿ *61*0"" ʿ *4+ 6 .61 - 0*6.ʿ *ʿ . 4++ - ʿ ,1""0 - ʿ - 51 6.ʿ
A+*6ʿ - 14 ,1ʿ .2ʿ . ,0ʿ *60 : . ""1 ʿ - 1/3+0ʿ (,+".0ʿ06ʿ .*912. 4 , .0ʿ "09 1*08 ʿ 4+, ,ʿ
$ 1 50 1ʿ 1"+ - * . ʿ *ʿ1551 61ʿ ,1" 0ʿ ,1* 040 +*6 ʿ , ʿ3+.ʿ - . 0ʿ40 5 , 6 ʿ +20 .*6ʿ
6 08ʿ6 0* .08ʿ 09 09 0ʿ * 6 + 6.0 ʿ 4+,0ʿ 9* .6 1ʿ 140 ,1ʿ &0"1 1 ʿ 3+.0ʿ51 6+ - ʿ6+0 ʿ
2.*6+ ʿ ' 3+. + - ʿ+* . ʿ3+.0ʿ5 .060 ʿ * . : . "0 8ʿ 1, 18ʿ / , ʿ - " 608ʿ06ʿ / / /ʿ .70*0.ʿ61 - 0*6. ʿ
.4ʿ 7 .0,ʿ2+, ,0"". ʿ , . * 8ʿ ." 6.0 : * ʿ - .9* . - ʿ : - ʿ 06ʿ - +"618ʿ " 067 150851 6.2.6 ʿ
.4ʿ 5 - + - ʿ ,". 8ʿ 5.* , .0ʿ ,1* 504+ - ʿ:0*6+ - ʿ 0,+*4+ - ʿ * . 6.ʿ51 6+ʿ 0ʿ0 0, 6 ʿ
06 ʿ3+. - : 8 * 0 6.4 "5"1 1*0ʿ61 - 0*61 + - 0/ʿ . ,0ʿ . 6. ʿ *1*ʿ - 04 10 ʿ4. - *1ʿ . , ʿ
,0561 ʿ .4ʿ71 0 8ʿ 6 .*8 +9 6 ʿ +50 :0* 0*60ʿ 40 *ʿ ,". 0ʿ ." .0ʿ 4+.0ʿ0/0 - 5"+ - ʿ60 6 .0ʿ
0,+6.0ʿ +*6 ʿ *ʿ3+ 2+8ʿ 050 6.ʿ / / ,ʿ61 - 0*6. ʿ - .<1 0 - ʿ 5. 60 - ʿ .70*0. ʿ06ʿ0 / / /ʿ - B
" 608ʿ ʿ 3+ 2+8 ʿ : 6.ʿ .": . ʿ 08ʿ06ʿ. - .ʿ .40 - 56.ʿ +*6 ʿ G+1ʿ .* - .4 :0 1ʿ 0*4+8 ʿ ,+ - ʿ
5 .060 ʿ<50 - ʿ .4 - 16.ʿ < . - ʿ 61 - 0*6.ʿ 06ʿ .4ʿ 60" ʿ < . 6+ - ʿ 71 60 - ʿ +, ,040 0ʿ : 40 06 ʿ
51 6 0 - 1ʿ ,+ - ʿ$ 1 50 1ʿ 1"+ - * .ʿ .9 6 ʿ06ʿ: 6. - ʿ 0 3+0ʿ 2ʿ . ,ʿ + 8ʿ .": .85. 6+8ʿ. ,0 - ʿ
404 6ʿ 1*ʿ 5". , "0 0ʿ "2. *1ʿ ,1*4 6 1*08 ʿ 8ʿ *4 9*+ - ʿ 51""ʿ .4 - 16.ʿ 61 - 0*6.ʿ
0*4+ - ʿ<+4 , .*6 ʿ 3+.8ʿ 6. - 0*ʿ 1"+ - * .0ʿ 0"504+ʿ .6.8ʿ 7.2+ 6 ʿ06ʿ "1,1<1. * *0 - ʿ
-ʿ 1" * . - ʿ .*60.ʿ2$ 9*2* 8ʿ&0"0C ʿ5 .0 0 6+ - ʿ - 51 + 6 ʿ 1/ ʿ .55+" .ʿ ,". "0 ʿ51 6 ʿ
3+. - ʿ51 6+ - ʿ +2 6ʿ(.*6. , +0 +8 ʿA1. * *08ʿ . 41* . ʿ " 1* +8ʿ 0: . ʿ +41: ,+8ʿ D . ʿ
0*6+8ʿ .4ʿ "2. *+ - ʿ ."+6.*4+ - ʿ0/ 00* 1*0 - ʿ 0,0 0ʿ *0,ʿ - +"61ʿ51 6$." - 0"0* 08 ʿ
.5+43+18ʿ ʿ ,10712 + - ʿ1 4 * 8ʿ (ʿA. ,12 ʿ712 "0ʿ 0 6 ʿ - 0 0ʿ 3+ ʿ 0ʿ - 50 .6.ʿ . ,0 0ʿ
5. .658ʿ1 60*40 0*6 ʿ 6ʿ *61* +8 ʿ 3+ ʿ< . - ʿ1 - *0 - ʿ6 .*8ʿ ʿ%.9+ - ʿ2ʿ .06 , . - ʿ:0 +8ʿ
6 +" 6.* . - ʿ *ʿ 5160 6.60ʿ 71 6 + - ʿ : 40 06 ʿ+ 208ʿ *6 .ʿU * + - ʿ 06 + + - ʿ 5 .060 ʿ
LL 1* - 2 , . - ʿ5. +, .8ʿ 02+8ʿ + 8ʿ 6+40 0 ʿ6ʿ$1 6+ - ʿ*1*4+ - ʿ.4ʿ12 03+ + - ʿ 04. 6+ - ʿ
5 - . 08ʿ 0/ʿ *12 " 6.60ʿ 3+16 4 0ʿ .4ʿ $7 " 55+ - ʿ6 .*8 +90 0ʿ . , .*6 *+ - ʿ *ʿ 01ʿ 0 "0ʿ
+6ʿ ,+* ʿD ʿ6 .* 690 06 ʿ& "".0 09." 8ʿ - . ,7 1*0 - ʿ616 08ʿ * : 6.6+ - ʿ*1*ʿ .40 0ʿ
.4ʿ 7 .0, ʿ 4 01 40 8ʿ . ,ʿ6+ 2.618ʿ +18 ʿ 5"020 - ʿ< . - ʿ*+6. 0ʿ . , + - ʿ1 4 *0 - ʿ 3+ ʿ 6.* ʿ
615ʿ0 0ʿ .:0 0ʿ: 40.6+ ʿ *1*ʿ6. *ʿ. * - 18ʿ . ,0 0 ʿ3+. - ʿ ,+*46 8ʿ4 0*""1* 8ʿ , .+ . - ʿ5 .0 ʿ
20 0 ʿ .+/ " . 0 8ʿ0/ʿ E ʿ06ʿ *9" .ʿ 50 .6.8ʿ ,15 .8ʿ *+ 3+. - ʿ,1 - 5. 0 0 ʿ50,+* . - ʿ
20"" ʿ *0 :+ - ʿ400 0ʿ ,+<+8ʿ0/504 0*4.0ʿ *1*ʿ." .ʿ3+.* ʿ50 ʿ5"02 8ʿ155 0 " 1*0 - ʿ 06ʿ * ʿ
<+ . - ʿ5 : .61 + - ʿ .6 1ʿ +50 " 6 ʿ 0 1ʿ0 1 0 - ʿ 0* 66 ʿ 06ʿ 09 .ʿ *" 9* .ʿ + - 5 "0 ʿ ,+ - ʿ
0 0* 1 8ʿ6<6+"2ʿ,1*60*6+8ʿ0 "0ʿ402+ "06 ʿ510* 6+ 6 ʿ &0 + - ʿ3+ 4ʿ .90 ,6ʿN &0*61 .0ʿ
5"02 8ʿ .+ .ʿ 06ʿ . .* 0*6 + - ʿ 71 - *+ - ʿ - 5+" +ʿ *1*ʿ 51*60ʿ .4ʿ + - - + - ʿ . 6 9 + - ʿ
,* /+8ʿ0 .6 ʿ 0/ʿ 3+1ʿ *1*ʿ * ʿ 50 ʿ 5 . , , 5 6 .ʿ 40 00* +8ʿ 0 6 ʿ %+ - ʿ *6 .ʿ 0ʿ ,19 6.2.6ʿ<
09* .

% $ ʿ?ʿ ʿ (' ʿ ʿ+ ʿ #ʿ 4 ʿ ʿ+ ʿ ʿ ʿ ʿ & ʿ ʿ $ʿ
lA ʿ . ʿ U ʿ. 3+ 6 0ʿ > ʿ 6 ʿ ʿ4 I ʿ5 $ʿ ʿ
+] /C " #ʿ ! $ ʿ
ʿ4 ʿ # ʿ 1L ʿ% $ /ʿ ʿ. A ʿ4 ' . 6
+ ʿ4 ? ? ʿ / \ʿ :ʿ
ʿ4

09*.' - .<1 ,'5, ,+"1'. - 66'3+. -'3+.04'." 18'71 - *08'+6' ;0 60 8< ,'" 1*1 08'.,'
4 9* 6. ,8' -5 *,' *4+, 0'.,'0/+0 0'< 09*.'*1*' * ' ,+-': 6.'4051* ' *' 1" + -' * ' ' # ' =!
6 .*6, 8',.5+6' * 0 0' *40'* '5 16 .4+-'504 2+8'3+' 0-0" *6 .:046'0 0 '*1*?
51 "0' G+', ,.'0+-', .*6'*1*'6. *'.*/ .-' 1".2.*6+'3+. -' 40 X 0 .6.' $7 " 55
9 .6 .' .4'0/6 0-.'3+.,3+0' +20+*4.'12 -.2.*6'06'E. 40* 8'05 015+8' *'5 - 8
3+'5 .0 .4.'. 19.*6 .'." 0*+-'1-*0',1* " +-' 0 5+02.6'0/' +1'50*40 0',060 18
:1"0'2.6' 8' "2.*1'<.-' .4' 51 6.8' 040*60'6.-0* ., ,18' 06' -1*.,718' *,0*40
2.6'3+'50': ,18'5"0 +-3+0' 6 6 8'9".4 8' -1 0'2.,,7.*6+-'4 0+ 0*608',+*418
.4' - " 6 .-'*1*'6. *'71 6.2.*6+'3+. *' *: 618',1902.*6'%1 -' *'60-5" 8'0/'.-21*0
06'5+"5 6 8' *' . 60"",* 0 8'.2 + 4.'06' 4 ,+".' -/"6.'0 +6 02.*6'90*6 -' .20""0-?
03+0' ,+-' + 6..',1-5. .*4.-' 40,0 *' + 6.*18',1*6 .',0*6+-' . 60"",* 0 8
* ' (' ' ' ' '$ ' ' ' * ' ,
20 8' ,1*<+9 2+ 3+,' ,0 6. -,*' 0 "0'5. 0*6 2+8'<+9+-'06' 0/ +-' , 60*6(2+8'5 1
5 .0 - 1'" 20 6.60-' 5 151* ' 6.*6+-':0""0*6' *.-': 41 .-'0/',1*,1 4 .'06'21*.
:1"+*6.6,'5,*4, 0' (04' -+"61'.2 + 4 1 .',1 .-' *61* 1'05 015+(' *90 02.6'*1*
6.*6.-'3+.-'<.4.2.6+'$7 " 55'5160*6 .-'0 "0'' *1:58' - " 608' .,' 0 0' 4 1*08', ,.
0'7.20 0'' *.-':060 .*18' *' 6.".' 0-.* "0' :0 61' $7 " 551'*0' 50'20""' + 6.*"
1,,. 1*,-' *' 09*1' 0.51" 6.*1'06' 04 1".*0* '5 *, 5.6+'6+ -+"6+06+ '5.+,18
6."18',6'E0 - .*18' *'0/0 , 6+'0 "0' *.-'*+-0 +-'01 +-' * 0 6.'606*50 6.60'06'9 ."
.*60'5, 6,' -+"6+-' - - *+6+-''<.-':061'.4' .-.-'7+<+8'20""' 6.".-' -1/' .
91* .-',6' .:. .-'5 1,+"4+2 1' 020"".6+ .8''06'%+ ,+-' *40' *'(, " .-' 6640' *
W3 ' .* ' '' *' ' '" ' *
6 2+6 8' 155 0 ".-' .4' 718' -16+8' 3+ 06+ .-'' *' . - 8',+*418' *'E."" .' *9" .'.,
E0 -.* .'0 "0'3+ ' -+" .+4 0 *6' *61* +-',1*,1 4 2+8' 515+"'&16 8' *' 090 -
, ,4+- '5 16 *+8' .+/ " 1' " *6' .4:1".6+ ' ,6' ,1 - -+*0' 506 ,+"+ -' 3+14'.'5 *, 50
.-2 6 1 1'6.*6' 09*'.,,0 " 1*0'"1,+5"06.61',+*41 +-',, : , 2+8' - - *0.6', .
7 +* 2+8': 2+8'5 15+" .6+ ' 8'06'6."2+8' 2-* 8' * .6+.60' - 0 ' 09 8'.* -1'
50 :0* 6' J .*, 0+8' . 06+8'.'3+ *3+0: 8' "09.6+8' .4'5 *, 508' 0/60 *18' - " 8
3+':0 2.'0/' 6.".'150 .0' +.0'5 06 + *' .4' *61* +-'.66+"6'< 6.*6+-3+0'"09.6 1* '.
51*6 ,0'51 60.'40, 06.0'1,,." 1*, -'5 .02 6 6' 8':061',+'50,+* .'.4',1*4+,0*4+-
.5+4' *18' - " 60* '*+-0 .6.' +0 .6'0. *' *'20""+-' *+6 "0'.2 6 -0*4.-' *' +18' +"+8
:0 60 .6' & - 1 +8',1-08'6.*61' *'4 ", - *0'.-2 6 1*0',.0,+8' 06' 40'5+2",.' ."+60
0,+ +8'6.*6+-' *' 4'.* -+-' *60*402.6'3+1 .141' +- -+-'. -1 +-' -50 +-
.4' 0'?,1*6 .70 0'51 "06',+-3+0' 4'+6' 71- * 8' -51 6+*0'1 , 1 '40"640 1' .6 "
.,, ,6' +- -150 0' 50 ,+50 06' *61* *8'6.-0*' *1*': 402.6'3+.' 71*0 6.' .6 1*0
0. *'4 9* 6.60-'.'3+ *3+0: 8' 4.,1' ,*0".0'40".6.-'06'.'"0' ,1* -.6.-', 6 .
*<+ .-' 06' *: 4 1 .0' "0: 6.6 8' *16.-' 20*0' -0 61' 40' 0': 1'0 50 06'<,+'-."1' 6
3+.-'5 .0 0*8' 0-04 +-' 1 6+*.'.66+"6'6.-'." 8'"1*9,'9 .: 1 2+8'3+.0' 090-'"+
4 2 1', 0.6+-', ,+- ".2.*6' *:0* "06'-+"61',+-'""1' 0), +8.4+-' + "06' .*,
1" , 6+4 *0-' -.<1 ' -06+8' 0/' -5 1: 1'1 6+8'4 0+ 6' *,0 6+-' 1 6+ 61'.*'0/' *
4+ 6 .'.4'50 60*6.*418', : +-'.* -18'0,3+ 4'.4:0*6. "60' "2.*1' 0"6 60 0' .+40 0*6
.- ' +2':0 5, .-'0<+8' 4 0'3+1'U 0612 9.'404 6.'0 6',+-' . 6,""0* 08' * 6 6 08'
3+' *'+ 20', .*6' 0'5. +-'6+618'0/ 6 -. 0*6'06'6 .* ".6 8 *'.- ,1 +-'.040 . 02+8'
+8' 4,' +9.',19 6.*608' 4 0+ . 0*6' 5. +8' +-1 ' 3+. '71 608' .40 "0*6' 6.3+0'
".6 -'.4'. ..',1*,".-.6+-',1*,+ +3+0'5-* 8' 0/+8'06' .06.6 8' .40' *60',1* '
+".8'50 05*6.*6 +-'06'5.:0*6 +-':1,08',+-'5. 8' -1 . 06+ '5. 8'60*02 8' -06+-'
.+90*6 2+8'0 6 *. 06'+* :0 "' 0' *: 00-'50': .8'.*9+ 6.8' -504 0*6'6.*6.'6 05 4.6 1'
+ 6'+6',+-'*+"".0' 6.6 1*08' 0/'4 0 5 *.'- " 661' * 6 6+6.0' *'6.-'515+"1 .', : 6. 0
4 51" 6.0

4 51 6.0 0 "0*6 71 6 8 6616+ - +"6 ., 6 05 6+ +50 :0* "%06 , 6 . - .9*+ - *091
' # + 6 + - + 20 516 6+ +8 , 04.6+ & . *1 60 1 0 ,+ - "+,0 0:.*, , ,*60 :0 +8 +, , ,"" 6<
0 ,+"1 .41 3+ 4 "2.*1 0 1 .,,040*6, +6+ + - 0 06 6.3+0 ,+ - ,+2 ,+". +8
3+ 4. - *61* ,+ 4.,1 ? 0 ,. - 1 *1 - 0* *.6 1*0 . 60""0*":8 70 1 4+8 04
3+ .,,0* 1 70""1 50 4+0"" 1* 8 , - 0* :0 6+8 506 6. .2 *61* 1 :,* . 06 *6,9 . 0
0 :.6. 40 5.6 . - 0506 0 .6 0 - 04 + - *60 51 + "06 06 <. - .*60 ,.56. - .2 "B
2.*1 0612 9. - ,+ - 70 1 50 - "+ $7 " 55 09 "06 + +8 508 0/ 01 ,1*,1 4 .,
,/, 6.6. 0 6

; & 4 60 - 5+8 "0/.*40 . +8 ,. 4 *." 8 50 4 51 618 03+18 *. - 08
+ 902.6 . 51*6 ,0 .4 $7 " 55+ - :0* 6 *. - $7 " 55 (09.0 1 4 *. 1 .61 8
,+ - 5. +*. .+461 6.8 .5+4 090 - :."+ "0 : 40 06+ 5".,+ 6 +6 ,. 4 *." 8 ".60 ." 8
"09.6 6 6+"1 .4 0+ - - 660 06+ + , * - .*4.6 8 4.6+ - +6 6 3+. .6 1*0 51 06
$7 " 5514051*0*4 . - . 06 0 <+4 , 1 .* 6.0 04 8 + - - 660*4 ,1* " + - * *+. ,6
4 .6 1*0 . $7 " 551 - 506 . *1* 51 06 +6 50 6 8 06+ * .0 6 - .61 2+8 :061
"" - 0 02.6 . 1 +2" 4 . 0 - .*4.6+ - 0 .6 Q6 2 .4 09* $1 6+9."" .0 1 4 *08
5 1 , 00*4 *0,0 6.60 - . 51*6 ,0 - 51 6. - 9* ,. ,6 (, 0* - <+4 ,.2.6 51*
6 0/ $7 " 55+8 .*4".0 04 8 12 0 :.*6 " - +8 ,1* " 8 + 8 .,3+ 0 00 0 *1""06 1 0 +6
."60 - 0:0 0*6 . "09.6 3+. - 4 + 8 * + 6.* . 0 06 . 20""1 90 0*41 .2 6 *0 06 < 06
6. 5 .0, 5 6.*60 .0 6.60 ,+ - ,". 8 * 3+. 5 .0, 5++ - $7 " 55 , 0/0 , 6+8 12+
0 .6 7.*4 4 + , 6 . *90*8 50 ,+"+ - * 01 - . ,1* 60 051 "06 5 1,040*6 8 : 41
.0 ,+ +8 ""1 .**1 *60 + - 50 06+ 06 * ."60 + - 0< ,0 06+ G+14 ,1*6 *902.6
1 5. + 6 0 5 1 0, ""0 0/ 6 - .2.6 3+ 550 * 5 .0 0*8 : 46 , 8 $7 " 55 2 6+*.0
- 506+ - *7 20 06 .;0 - 0 0,+6+ . 6.*6+*40 - *61* 1 60 - 51 8 ,1*,04 4+ -
6+ 2.618 +4 +* .* - 18 ,1 - 51*0 0 08 ,1* + .8 1 4 *. 0 ,+ - 5 *, 5 2+8 : , * 8
,/ .0 - +".6 1*0 $7 " 551 * 0 6 8 .90 0 06 .+/ " . 0 8 ,15 .8 ,1 - 5. . 0 51 06 ., 6.*B
40 - 01 08 .44+,0 0 +6 $7 " 55+8 3+ *+"".8 *+*, ,1*4 6 1*08 : 2+8 516 1 .4
- 66.6 ,1 - .6. 06 .03+.6. 50 0. * - 1 . - .0 - +" 5160*6 . ."0. - 5 10" :0 6+8
.*4".9 04 8. 2 6 + - 51 6 0 - 1 +2 0,19.6+* .0, 6. *60 16 1 18 71 - *08 06
5 .0,056.405 .40*4. 5 15 . 15 * 1*0 , 04+"18 1 - .0 .9 6.6. +0 .*6 $1 63+. -
"09.6+805.406* +9+ 6. - :0* 6 ." 9*.6+ - 0 + 6 .4 - 1*. 60 + - : , *+ - 0/6 .
+ 20 - 71 5 6 + - *40 % .<.*+ - . + - .4 $7 " 55+ - ."+6.*4+ - 5 .0 - 66 6
3+ ,+ - <. - "09.6+ - 6161 6 *0 + - - 8 5."" - ., : 6.6 2+8 40".6 8 71*1 2+8 ."
3+.*6+ - 4 6 *+ 06 + +8 0+ :0 1 0+ - +".61 - 1 21 ." 3+. - ,1""13+ 1 . "09.61
6.*6150 0 0/506 61 - 1 . - *60 51 + 6 4+ - *60 0. "2.*+8 0 - ,1* ,0 06 6 .*0
"1*90 ." . 3+. - 5+6. .6 51*6 0/ 0 + - ., 08 6+*, * 5.* . 0 .6 ' 3+ 550 02+8
1 . - 5 +8 *609 8 < *61* 1 090 , 0.61 06 0/0 , 6+ $7 " 55 ,1 <. - + 6.* 09*
4 - 4 . 5. 60 516 61 6.3+0 "09.6+8 .4 51*6 ,0 - 0 5 0 .6 06 *1:. - .*4.6. 15
50 02.6+6 *60 0.3+0 ,1""13+ + - + 902.6 3+14 6.*40 - 51"" - +"6.8 . 046.6.8
- 1 .8 ,1*,0 + - 6 3+. *1*4+ - 1" 6. 52 - 5. ,. 4 *." 8 + 20 - 40 - 1 0 *9 0 +8
0 .6 +2 :,"50 . - * ,+ + :0".61 .2 +*.0 4+,0 06 4.,1 J0 4 *.*41 .2 0 .
Ď 12.4 "". 7 *,1* 8 ,1 - 60 .4 $7 " 55+ - * "041 40,+ - 20*60 - 404+, 6+ 2
51 63+. - "09.6+8 - .*4.6. 0/51 + 6 $7 " 55+8 50 7+ - .*0 0/,+ .61 - 1 21 3+1
.4+ - 0 06 +6 *1* 0 12; . - 5 1,0 06 3+14 51*6 , 8 40 40 1 12 ,3+ *1*
51 6 00/3+ . 0 156. 0 .2 * 6 1 +6 08 , 6 . : - ,1 - 51*0 0*6+ 04 *61* 1
, 0.61 090 06 ,.",.6. ., : 1".6. 09* 1 4 *+ - 50 ". - : 6 1 . - , 0.6 1*0 - .+41
6.60 08 . - 5 +8 *609 .8 *1* 0 "0 20"" *0,0 " 6.60 - 2 .2 *61* 1 - 51 6. -
3+14 *,71.6+ - *60 - 660 0 50 *40 0 0 .63+0 : 41 . - 3+. - <. - 126 *0
71 6

% 6 .] A // .

71 6ʿ6 .40 06ʿ +-ʿ 9 6+ʿ ,. 4 *." 8ʿ5 +40*6 -1ʿ5 *, 5ʿ* 7 "ʿ *ʿ 0 6 -ʿ . +*ʿ
5 .,<+4 , + -ʿ 50 +.40 ʿ 51 "0ʿ ,0 *0 ,6ʿ .4ʿ ."60 . -ʿ - .*4.61 + -ʿ5. 60 -ʿ40 ,0*4 6ʿ' ' # ʿ) 7
06ʿ 2ʿ *ʿ $1 6+9."" . -ʿ 6 .* 0ʿ .ʿ 51*6 ,0ʿ - 50 .6+ -ʿ40 - 1* 6 .6ʿ G+1ʿ .ʿ ,1* " ,(
$7 " 55+8ʿ0+ -ʿ1 , 1 0ʿ4,71 6.6+8ʿ0 6ʿ3+ 550ʿ,+ -ʿ - *+80ʿ71*1 ,+ -ʿ0 "0ʿ4 ,0 06
71,ʿ 0* -ʿ 6.6+ʿ .4ʿ 515+"18ʿ 5 1 , , ʿ+6ʿ "09 6 - 1ʿ 5 7, 50ʿ 0ʿ 1 - *ʿ 041 0ʿ40 6
6+618ʿ +2ʿ *60ʿ . - .ʿ06ʿ 6+ 2 418ʿ 04 6 1 .0ʿ 5"02 8ʿ ,". .1 08ʿ :1/ʿ + - - ʿ5. 61 8ʿ0/
.+4 ʿ*03+0.6ʿ0<+ 3+0ʿ ., 1 .*4.ʿ - .<0 6.8ʿ6.*3 . -ʿ *60ʿ *4 9*18ʿ5 1<04.ʿ: "0 , .6
G 1ʿ 0 51* 1ʿ ,+ -ʿ .6 8ʿ *6,"" 90 06ʿ,. 4 *." 8ʿ *+""1ʿ ,. +ʿ 090 -ʿ 1 4.6+ -ʿ *03+0ʿ
6. *ʿ <+ 0ʿ +1ʿ3+. -ʿ: 2+8ʿ ,2* + - ʿ. - .ʿ4051 6+ + -ʿ0 "0ʿ 1 - ".ʿ1 - ʿ 0ʿ ,1*ʿ
, 0*4.0ʿ 50ʿ,1*6 . + -ʿ - .*4.6+ -ʿ.ʿ51*6 ,0ʿ,.+ .6+8ʿ 1 - .*ʿ 0:0 6 6+
ʿ ʿ 2.*+8ʿ,.56.# 0612 9.ʿ,+ - % .* .9.*. -ʿ1 - *0 -ʿ 1*0 -ʿ
3+. ʿ *ʿ5160 6.60 -ʿ 04.4. -ʿ: 40 06ʿ40ʿ6 .* - 660*41ʿ "+: 1ʿ,1* +"6. 0ʿ,105 6ʿ " 8ʿ
.4ʿ D " .0 *+ -ʿ06ʿ$ .0 4 + -ʿA+" + -ʿ +5 .ʿ + 20 - ʿ." 8ʿ * .ʿ+ 20 .ʿ.4ʿ0 . ,. + -ʿ
6 .* 6+8ʿ - .9 8ʿ5".,,2.6ʿ 1*6 .ʿ +41: ,+8ʿ ʿ 1+. .ʿ,". "0 -ʿ .4ʿ - .4. -ʿ. ,0"" ʿ
,6ʿ,<+8ʿ150ʿ *ʿ."60 . -ʿ 5. -ʿ0/0 , 6+ -ʿ, 6 .ʿ50 ,+"+ -ʿ6 .* 51 6. ʿ4020 0ʿ,0* 02.6
+ - 3+0ʿ *ʿ4 :0 8ʿ "" 8ʿ 0*60*6 8ʿ.+6ʿ4 ,+"6.6 8ʿ.,ʿ - 1 .0ʿ .56ʿ50 ,+"ʿ .6 1ʿ 7.20ʿ
,6+ ʿ 2.*+8ʿ40ʿ,". "0ʿ .4ʿ - .4. -ʿ. ,0 0*4.ʿ,1* " + -ʿ3+. - : 8ʿ6+6 "" - + - ʿ+6ʿ
6. 4 +8 0<0, 6ʿ06ʿ1 - *0ʿ *ʿ,0"0 6.60ʿ - 1 - 0*6+ -ʿ: 41 .0ʿ .6+8ʿ50 ,+"+ - 3+0ʿ - 1 .0ʿ
.*6051*0*8ʿ . ,. + -ʿ:0 +8ʿ *61* 1ʿ . 6 0* ʿ"1,ʿ41 - *1ʿ +.40*60ʿ6 .* - 660 0ʿ
6.6+ 6ʿ %0 - 0 . + -ʿ5"0 "3+0ʿ 4ʿ,1* " + -ʿ: + - ʿ*0,ʿ .2*+ 6ʿ 5 0ʿ 2.*+8ʿ 04ʿ
3+14ʿ 2ʿ,+ -ʿ *0/50 6 8ʿ 0 -ʿ0 "0ʿ<+4 ,. 06ʿ .+40*4+ -ʿ .6+8ʿ50 ,+"+ -ʿ.* - ʿ5 .0ʿ
0*6 .ʿ4 0+ 6ʿ06ʿ*140ʿ,1*,+2 .ʿ - .9*1ʿ "0*6 1ʿ0/0 , 6+ -ʿ,+ -ʿ1 - *ʿ.55. .6+ʿ20"ʿ
" ,1ʿ (ʿS ."ʿG+ *6 "ʿ,". ʿ - 51* 6ʿ616.3+0ʿ*140ʿ,+ -ʿ:0*61ʿ,1*6 . 1ʿ "+4.6+8ʿ +.B
40*60ʿ (.*6., +, 1ʿ +6ʿ : 1"0*6 .0ʿ ,040 06+ ʿ6. - 0*ʿ 50 : , 6ʿ+6ʿ *ʿ +"60 1 0 -ʿ 5.**ʿ
60*40 06ʿ 6.*40 - 3+0ʿ ."20 ,0*60ʿ4 0ʿ:0*61ʿ 0 - 660*60ʿ,"." 8ʿ .55+" 6ʿ 06ʿ6.*6+ -ʿ
*9+" 8ʿ0/ʿ . ,. ʿ06ʿ(ʿ *61* ʿ.,ʿ9 (.*<+" .*.ʿ. , 2+8ʿ61 - 0*61 + -ʿ 4 2+84 "5"1 8<ʿ
616+8ʿ0/0 , 6+8ʿ, 6 .ʿ ,0 6. - 0*ʿ *ʿ 60 . -ʿ0/5 6+8ʿ0 6ʿ 1"" 8ʿ 1551 6+8ʿ0 .6ʿ51""ʿ
3+0 -ʿ 4.,+8ʿ 0*0 08ʿ".602.6ʿ ,+ -ʿ ,1""04.ʿ - +"6 6+4 *0ʿ0/ʿ6" 1* 2+8ʿ 0 0ʿ,1* ".6.ʿ
3+.0ʿ, , ʿ03+ 608ʿ ʿ 504 6+ -ʿ,1* , 02.6ʿ4 51 6 8ʿ *60ʿ ./.ʿ.,ʿ:05 06. - *1ʿ
2+8ʿ61 - 0*6 8ʿ3+ 2+8ʿ0/ 00* + 18ʿ 5.*18ʿ * 0 6. 06ʿ (04ʿ :0ʿ 8ʿ*1*ʿ0 "06ʿ$ 4.,+8ʿ
3+ʿ5+6. 06+ ʿ" 20 ."6.60ʿ556 +8ʿ *ʿ *4 .ʿ3+. -ʿ: 6+60ʿ - "6. ʿ".+406*ʿ - 0 6+8ʿ :0ʿ
+1 + -ʿ: 6+6ʿ4 40 06ʿ 5.*18ʿ3+. - : 8ʿ0/ʿ<.4.6 1*0ʿ - . 8ʿ*14+ *.ʿ*.+ 0.*60 8ʿ
.99 04ʿ *1"+ 6ʿ 04ʿ . ,. + -ʿ51 6ʿ"0:0 -ʿ.4 - 14+ -ʿ0"1*9 *3) 1ʿ:0" 6.6 1*0 -ʿ 0ʿ 0ʿ
,05 6ʿ 2.*+8ʿ,+ -ʿ5 - ʿ *ʿ60 . -ʿ * " "0*6ʿ$ 1 50ʿʿ 1"+ - *.ʿ(.*4 +8ʿ : ".
14, ,+8ʿ(.5.6.ʿ$06 +8ʿ .ʿ (161ʿA ʿ .56ʿI ʿ *61*0""+8ʿ ,ʿ +18ʿ * 6 + 6ʿ+6ʿ . 9+ 6.ʿ
1*60ʿ5.+".6 - ʿ 1 - .ʿ6 .*9+". 0ʿ 0ʿ0/60*40*60ʿ,1""0 -ʿ:0 +8ʿ *,040 06+ ʿ 43+0ʿ*0ʿ
916 ʿ4.6+ -ʿ(.5.6.0ʿ+6ʿ., 0 -ʿ 4+,0 06ʿ3+0 -ʿ +2 03+02.*6+ʿ E0 *.*ʿ . 1571
0,040*60ʿ 4.,1ʿ01ʿ."., 1 08ʿ 5.*ʿ *ʿ ,1""0 -ʿ0:.4+*6ʿ06ʿ 0" 4 .ʿ61 - 0*6.ʿ,.ʿ
5 +*6ʿ 3+14ʿ + +8ʿ 4.,1ʿ - .9*1ʿ4040,1 ʿ:0 6 6ʿ (+50 .61ʿ ,+ -ʿ - 1*60ʿ50 ,+"1ʿ
3+14ʿ *ʿ 0/ 00* 1*0ʿ ʿ 4.,+8ʿ 1,,. 1*0ʿ + +8ʿ 0 "06ʿ 5.*ʿ .4 0 .*6ʿ +41: ,+c
. 0*6+8ʿ:060 .*+8ʿ4+/ʿ06ʿ "2.*1ʿ50 . - ". 8ʿ *ʿ .+ 0 -ʿ0<+8ʿ * + . "04 , 6+6ʿ
,6ʿ 19. "0ʿ0,3+ 4ʿ 2ʿ "1*91ʿ + +ʿ0/50 60ʿ + - - ʿ 4+0"8ʿ .*ʿ<+:0* "ʿ 0 :1 0ʿ *46.6ʿ
- " 6 8ʿ 8ʿ,1*.6+8ʿ: 40 06+ ʿ 4ʿ3+0 -ʿ 0* 40*6ʿ1 0ʿ,1*:0 +8ʿ 2.*+8ʿ0 60ʿ 0"51*ʿ
4 6ʿ 21*1ʿ - 50 .61 ʿ." 3+.*41ʿ5 +40*6 .ʿ 0* " ʿ." 3+.*41ʿ<+:0* "ʿ. 41 0ʿ+60*4+ -ʿ
," 0ʿ *40ʿ .4ʿ . ,. + -ʿ51 6.ʿ,. 6 .ʿ<+ 3+0ʿ4040 0ʿ 0ʿ5 .0 4 . ʿ,+ -ʿ * 6 1ʿ 0,+ʿ
". "%0*6ʿ .4 - 16 8ʿ 4+12+8ʿ 61 - 0*6 8ʿ - .<1 2+8ʿ 06ʿ - 04 1, ʿ +*1ʿ 5.+"1ʿ51 6ʿ +2".61ʿ
:0/ ""1ʿ,.*4 41ʿ12 ,"%ʿ ,1""13+ + - 506 0 +*6ʿ:0 + - ʿ<. -ʿ *61*0""1ʿ 1 ".ʿ516 61

,+ -
ʿ5 $ % $ ʿ D+ ʿ ? /) ʿ $ʿ+ ʿ, ʿ(ʿ # ʿ6 &** ʿ% $ʿ +
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4 !* $ ($. ,"155,6. 8 B

' # 5.* 8 *60 041 + +8 ."60 + - 04 , .+6 +8 +2".6+ - 0 6 (04 ,+ - *0, 6, . :, 20
.6 2*0 ,0 06+ 6.*40 - 5 ., 64 . 3+ : 40 0*6 - + 18 5 1 6 .628 *1* 0/5,4.61
+6 40 ,1*4 6<1* 2+8 .90 06+ 51 6.8 .50 +*6 1,+8 4 ,56+8 ,1*6 .3+. - .2 "
2.*1 5 1 - 6. - +0 .6 *61* 1# . 6 0* "1, 41 - *1 ,6 4.,+8 0*,"08 C ,1
1 60 050 6+8 3+ - .9*. 4+, . ,+ - 0 * 7 50,,. 0 , 040 06 506 62 ,+ - *61* 1
. 6 0* ,1""13+ 1 +6%0,+ - 20"" <+ 0 .90 06+ 06 +6 ,1 . - "2.*1 60 06+ 1
9.: 6< 04 0,+ .760 "2.*1 06 +6 0 .4 0/6 0 - . ,1 - 5. . 06 .4 - 1*0*6, "" *
7 "1 - *+8 3+ $7 " 55+ - 150 . +. 090 0 0/ 6 - . 06 5 6 *18 .* - 18 0 :.: 6 41B
00 51 6 4 0 0 0 61 509 - .60 5 0 .4 +55" , + 4+4+8 06 ,+ - * ,0 $0 0 . . , 8
5 .0 041 06 ." 3+16 ." 8 .4 60 1 0 - ,060 8 *,+6 0*4+ - +5 0 - 1 +55" , 1 . 04+8
0 6 (0:0 6.8 0. "2.*1 50,+ . 8 " :0 .4 09 " :0 5 15 *1 - * 8 60 1 0 - 5.
90*4+ - $7 " 551 * 0"9 1 406 - 0*61 . + 6 06 "2.*1 5 0<+ 3+0 " 1 50 506+. -
, +40" 6.6 8 * . - . - 5050 6 6.*6+ - 3+0 5.* *1 - * 8 14 + - 0/, 6.: 6 +6 - 1
6 2+8 " ,06 12*1/ 0"9.0 6. - 0* 5 *, 5+ - +1 +* 0 - 50 12 0 :.*6 - .4 0/
6 0 - + - 0/60 *18 41 - *18 2 . 0 :0 *6 6 .*0 - +"61 + - <+4 , 1 ,+ - 4.,1
- 6 +8 .9 516+ 6 : 1 ""+ 6 . - " . *.61 0/ 3+. 3+ 5.6 .0 " 20 .61 08 .5+4 +
< 6.*18 50" .*6+ 06A1.** "1" - 09*+ - ,1*, " .:0 +*6 5 15.9.6 +*6 3+14 06
" .4 *61* ,.+ . - 1:0*4. - .* - 18 0, 6 +6 ,+6 1" - - .<1 ,8 + 090 - *
+ 66.* . ,1* 6 6+ 0*6 6, 5 0 09 . . - " . 40 , 0*60 090 - 3+ 5 6.*6 * 20
*0 , + - 4020 06 * 1" 1 ,1""1,. 06 44+*6 .4 2.* 0:0 6.60 - 5 :.6.8 - +"
6.6+ - ,.+ .8 3+14 4.,+8 .+4 6+8 0 06 40 5 1 - *+8 4 9*18 0 - 1*08 7.2+ "0
,+ - ,1*6+ - 0" 1 0 ., 01*60 - 56 - :+"91 4 ,0 06 :0""0 0 ++ - 0* 0 - ,1*6 . 2.*
0* 0 - - 06 ., 50 ,+"+ - ,+ - 01 .,0 0 .* 50 *40 ., "0 6 "" +6 0"9.8 0 +
6.*18 .4 . 2 6 + - , ,+ - .90 0 1 6+1 4.,1 2.+4 4 + 3+.0 0*4+8 + 6 0 +,
,0 "2 3+ 550 ,+ - <. - 4 + J .*, 0+8 $1 6+9.""+8 & - 1 ,1 - 08 7+ , 5 .0 04+ .0
*7 . 06 ? + - 3+0 * + 20 <. - - .9 6 .6+8 06 5"028 5 . 0 - 0 06 7.*4 1,,+"6 8 0
- 1* 2+8 6. * & , *1 "2.*1 *61* + - 6 - +".*6 2+8 +6 .+6 ,1*6 . 71 60* 0 40
0*40 06 .+6 ,+ - 01 5.,,, 06+ *61* +8 + 6 . 506 6. . - .9 6 .6+ 50,+* . 6.*B
40 - 067"0 - + - 5 19 04 6+ 2 4+ - 40" 20 .6+ 3+ 4 .41 15+8 6 ,0* 0*6 2+8
5"0 3+0 +6 06 1 ,040 0*6 06 20""+ * 4+,0*41 60 - 5+8 0/6 .70 0*6 0 3+0 *609 .8
6 0 51" 06 * .**+ - ,3+0*60 - 0 :. 0*6 & - 1 +8 .+4.,. *60 - 50 6 :. *
+ 90*8 - .*+ ,.5+"1 0* 8 - 16. ,18 0 *60 04+ + - 4 / 6 3+ ,+*3+0 40 0,056+
* 51 60 * - "13+ 0*6)% 1* 5"+8 : " 71 - *+ - 50*08 0 7.202.6 *61* +8
0/ - * *+ - 0 2 0 0 * 2 ,"" + - .2 + 20 067 15+ - 06 + 6 ,1 + - . 4+,08
20" 0 0/50 6 4 20"" - . - .4 0+ - 0/ 6." . :0*0 .6 D(1 6 .) *+8 6 0*++8
<+:0* 8 04 3+ 5"+8 40/6 . 3+. - ,1* " 1 :."0 06 $1 6 6 4+ - 1 . - ,+ - *+"" .4
0+ - 0/ 4 :0 8 09* 5 .0 04+ 8 3+. - : 8 0506 6 8 04 4 8 , 6.6 .4 9*. ,1* :0
* 0*6 ,1* +"6 +8 3+ 2 4. - : + - +6 .4 (.*<+" .*. - . ,0 - 0 ,1* 0 06 < 3+.0
* ,+ - 09* 5 15+9*.,+"+ - +50 .2.6 3+. - 06 5 .0 0*6 . +. 6+0 06+ , 6 . 3+.
5 0 40 0*40 06+ &0 + -) *+8 .4 ",.*6. . - 516 +8 ,. 6 . - +* 0*4. ,0* +
1 2. - .0 . 0. * 1" - +6 3+ 4. - ,0* 0*6 4 4. - 2.+4 "1*90 .2 + 20 06 . : .
50 3+. - "2.*+8 &0* 02.6 61 0*60 5 .0."6 8 06 5 .0 +56 8 5 8, *41 4 : . - +6
06 + 20 - . 60 91 5 1/ - 6.60 +. * 40 ,1*6 *0 06 06 5 8 61 0*6 8 6.*3+. - :.""1
40 0*40 06+ *60 0. "2.*+8 50 J0 4 *.*4+ - " + - "+ 6 .6. (.*<+" .*. . ,,
3+. - (% 6.*+8 &0.08 &090* 8 ,,,, 71 - *+ - 5 .0 4 1 60*02.6 .4 0.*. 0/5+9*.*
4. - 4+, 6 .+4 1*90. . ,. 1 3+1,". 8 5.*. .55+"0 .6 6. 0 6 . / * , 6,
1 0 %.9 5. < * 3+. 06+ 28 * 6+ - +"1 : ,/ 9+ 8 5 15+9*.,+" 8 4 6 *41 ,6 ///
..,7 * 8

% ? 24 0 4 ! $? + #
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- . ,7 * 8 - .6. 4 2 ,67"0 - + - 2.+4 7 * , "1*90 ,". 6"8 *61* . * . +2, .6 3+.0
* . ,7 * . - - 4 2+8 5.*18 * 6 1 * 0 6.2.6 04 : ."" 1 4+ 61 ,1*6 . "1*9 *3+18
+8 .4 . ,0 - 1 ". 5 14+, 6+ : 4 (0/6 " ,1056. 5+" .6 1*0 .+/ " 1 + 8 +50
:0* 6 *61* +8 06 51 6 03+0 6 0 ." 3+16 71 . + - ,0 6. - 0* 0 .4 +. 0,05 6 - +
* ,*4 8 ,. 6 8 *60*6+8 3+.0 ,.0 8. 21 2+8 06 05 2+8 *60 . / . *60 <0 6 8 .4 * 6.6
- + 1 + - E."" ,1 . - - .2.6 40 + 20 3+. * .4 04 6 1*0 - 50 6. 0 *60"" 902.6
3+. - 40 71 60 - .9 8 1" , 6+8 . - 5.+"1 .*60 $7 " 55+8 +6 50 6 .*8 +9 . 20""1
5, ,+"1 1 *0 - - 51*0 06 4 5"1 - . 50 + 6.* . - 5+2" ,. - .*4.:0 .6 3+1 5 0
* . - 5 .060 61 - - 9 .6 . - ., 02.6 8 3+ .4 12 03+ + - 2 402 6+ - 04 "0*6 06
61 5. 608 40 0 0 0* / ,056+8 . 9 .6 . *61* +8 06 3+ , ,. 5 + - 0 .*6
3+ 04 6 1* 2+8 * + 20 , 0612 9.0 06 .4 A+" + - 5 .0 4 + - 0/, 6.6 8 ,.+ . - 40
4, .*6) 6 :061 $7 " 55+8 + 6.*1 + - 5 15 18 2 0908 0/5060*6 + - . - 2 6 1*
." 3+ 4 4. 06 6 6+"18 6.*6+ - 09 2+8 $1 6+9."" .0 7. 60*+8 + + 5.618 2 + - 5 , .6
1 - " 8 3+18 :+"91 * 5.* . + + 5.6 06 ,+ - .4 8 5+2" , 8 - , 20 0 1
, ,6 6.*6+ - 09 8 *1 - 0* +2 ,6 5 6 ,+ - 3+ *3+0 9* 8 3+.0 3+ *3+, 5".9.8 :1
,.*6 - 1 0 + 6.* .0 09+ - +6 :0" * - * - 8 02+8 0 + 6.*18 - 1 08 6+8 ,1*
+,6+4 *08 *4+0 0 :0""0 9* ,. 06 .0, .*/ + - 40 + 2 8 40 *61* + - 60*02.*6
+6 .4 4., 0 ,. - - 1* 6. .+ 08 - .9 8 5.60 0*6 3+.8 + +8 12 6 +02.*6 ?E.
40* 8 05 ,15+8 - - .*+0" $1 6+9.""+8 & - 1 +8 - - .*+0" (":. 06 160""+8
%.*40 - *61* +8 4+, . .8 .4 $7 " 55+ - " 60 .8 404 6 *61* 6.*6+ - *1 - *0
+2 0 56.8 .6+ - .+ 0 - *0916 + - 0 .6 0 ,.*.1 +6 19. 06 $7 " 55+ - 51 63+. .
40 ,1*4 6 1* 2+8 ,1*:0* 06 ,1*60*6+8 0 "0 :0""06 +6 5 0 09* 3+1 71*0 6 +8 ,.
40 06 1 4 * 2+8 9* ,. 06 0 - 5. 0 - ,1*6 . $7 " 55 5160*6 . - 0 "0 5 1 *40 5 8
" 20 + - 0"%0 +6 02+8 + 8 ,1* +".*6 &0 + - $7 " 55+8 3+ <. - +,,0 ") * ".6+8
,1*4 6 1*08 *+"".8 :0""06 0 ,. - + - .4 "2.*+ - 0 - 6 3+ :.6 8 "+4 ,.6 1* 2+8
- 0 + - 090 - 51 6 0 - 1 .4 5 10" ."0. - 0/ 40 50 .6 1*0 .409 6 . - ,+ - *61B
* +8 "2.* ,1""13+ + - 5060 06 *+*3+. - 40 "1,1 ,1""13+ ,1*:0* 0 516+ 6 06
,+ - * 6 0 - 0 ,1*:0* 0 4020 0*6 + +8 *1:.0 4 ,+"6.608 *, 40 +*6 ,+ - "
2.*+8 .4 *61* + - 0 20*41 0 / ,0""0*6 .0 *1 - 0* 3+ 8 0" 6+4 * 8 6 6+"+ - .5+4
+18 + - 5 0 .6 .66 2+, 0 0,+ . 06 06 *61* +8 "2.* 40 7.+4 .6 8 40*8 +50 21
,"51* 1 ,1*60 - 56+ - 0<+8 +"6+8 0 "06 . - 0*+*, . 0 <+" 6 0908 0 "0 0908 06
20"" 4+,08 0 "0 20"" 4+,08 ,060 + - 0+ - 3+ +6 "3+0 +55 1 6 : 41 . - ,+ :0
" 6<4. , 6. ,1*,1 4 .4, 50 .6. 3+14 ,+5 02.6 "2.*+8 +6 *3+04 ,0 " - 0 6 A. -
3+0 61 - 0*6 8 06 - 1/ / / :0 20 . ,1056. . ,0 (.*<+" .*. * 02 0 .*6 5 .0 04+8 06
5 .0 4 . +6 40 404 6 1*0 ,19 6. 0*6 06 "2.*+8 3+ - "2 6+2 , *0 06 . 5 .0 041
1 .4 - "2 40 0/ 6+ :0 02.6+ 2,,. 1*0 - ,1""13+ 0/50602.6 ,+ - ,1 . - 14+ -
.,, 4 6 +6 : 4+. 3+.04. 7 : ,... 3+.0 90*0 + - 06 " + - * . ,07.202.6 .2 "2.*1
*, 6.6. :0 ,7. 6.60 +1 + - *,0 6+ - .2 5 1 506 6 +6 2 .4 . ,0 - 0 06 *40
" + - . , 90*0 + - 04+,0 0 " ,, 06 06 *60 0. . 5+" .6 1*0 ,0 ". 06+ 3+. 9 .6 . -
506 .6. .4 . ,0 - ,1*60*4 6 06 ,+6 <+ ". 0 .6 "2.* *1 - *0 % 6.*+ - - 1*+ 6
0 0 5 ,0 06 *,, 60 - 0 6.60 12 6 *.6. 0 1 3+0 50 4 6+ - 06 G+1 *+*, 1 ".06 1
3+. - :+"6+ 5 .0 0 02.6 ,1""13+ + - ,+ - "2.*1 506 6 06 40 4.6. .4 ,+ - :0* 6
. 3+1 40 - ,1*4 6 1* 2+8 3+.8 .2 *61* 1 50 .2.6 * . ,.*1 - 506 .6 8 05.". -
- 0" +8 40 $7 " 55 <+ 0 * 6 +4+ - *90*8 .4 +18 04 6 06 40 - 40,+ 3+0 : 6. 06
,1 - - 14 8 2 ,. 1 . 5 .0 .6+8 ,+*4 8 .+41 + 6 +6 * $7 " 55 6.*3+. - "09 6 -
$1 6+9."" .0 09 8 :0 2. <+ . 0*6 E.2 0" * +8 ,+ - "09 1*0 +. "1,1 - 51 6+8
04 6. (.*<+" .*. . ,0 $06 +8 I . 2. 3+ - +* 6 1*0 - ."60 ,+ R .5+6 ,,+ -
1 - 0* +2<04. - 5 .0 4 1 60*02.6 ,+ - 404 6 1*0 - .,, 0 .*60. <+ "+8 0,+". "06

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, % $, 5 $' + S #) 2 7 . 2 , $ 2
?& & ! % & .

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') .4 5 -+*" ,". " 8 5.*.0,2*!504+- ,1* +"61 5 "+8 *61* 1 ,6.24+4 8 ,,+-
61 -0*6 (< "1,+- 40 0 6< 06 * ,. 6 . .4 0+- ,1*60*4 6 (+2 4 60-5+8 ."".6+- 0 6
*.:0 8 0/ *4 . -0 , 2+8 *90*6 8 5 06 1*+6.8 .4 C1 .8 .55+" "0 3+.0 . ,". "0
"5.*. *60 ,056.0 + "0*6 5"+ 08 * + 20 6 61 +- *12 " +- . - " .0 1 - * *1
21* 8 0:0 602.*6+ 6.3+0 ,1 - -+*0 :16+- 0 .6 .*603+. - *4, 5.* . - :, %+8
:0". .,0 0*6 +6 1 6+*. 40 71, 20""1 5+9*. ,1 - -7 . 40,0 *0 ,6 9 6+ * 6. 0 - .
9 6 .6+8 .5+4 *61* + - 0 06 0 : 6.60 - 0 5 ,0 06 06 - 0 8 6.*40 - *0 * *51
*0 ,6 * 5 - 5 *3+1 0 0 0/0 , 6+ - *0, "1*9, .20 ", $7 " 55+ - .+6 1 6+*. , ." ,. -
0/504 60 .+6 ,1*,1 4 .0 : . - 60*6. 06 (04 + +8 20"" *,0*61 08 0,".* .2.*6 <
06 -1*.,7 3+ *1* <. - * ,1* 0 " 1* 2+8 06 0/ . - 21*0 04 5 8 - " 6 2+8 - - 6
* ,". "0 * 0/0 , 6+ 64 ,+"1 561 +8 7.2 6+ *40 ,+,+"".6 , +,0 - .+6 ." +4 6, - 5"
41*. + - 9, 6.*608 *40 0 - 0 - 08 06 9".4 18 6 618 16.*608 515+"+ - <. - 0 6
6.*60* 0" 9 1*, + 1 +1 5 .060/6. .4 0/6 0 - . +20+*4. .* ..2.*6 *61* +8
3+ , *0, , - $7 " 551 ,1*:0* , 51 "%0 06 .2 1 - * 2+8 40 , * + 20 ,1 + . !
0. 6 8 5.:"4. 3 - * . : 40 06 3+ 4 .90 06 . - 2 9++8 0/ - 06+ * + 5 41*0 - 5 1/
- 1 + - :0* X N 03+0 5 14 6+ - * 71 .8 , 040*8 9 . " .*60 " ,0*6 . * 418 .03+0 .,
+ 5 0418 .0: 02.* 6 ,+ - 1 60 *,0*4 + - 7.*4 "1*90 . 5.".6 1 ,1*,056+ - , ",6
* 0. 09 1*0 + 2 8 * 3+. 0"9.0 7.2 6.*6 - * - 0 1 - * + - + 504 6. - 0* 4 *
4 1 0 .2 8 0/ ,1 - 5.41 .4+ - , 040*8 0/# - - .*+0" 8 (+. 8 *+50 * + 2 8 0*.
6+ - ."R4 40".6 1*, - 0 18 71 - *08 - .9*1 +. + - 0 + - 406 - 0*61 71"5 6 .
- +6.60 +209 6 5.+"+ - 3+0 .2 + 6 3+ * . + 0*6 5"020 01 + - .0408 1 - * *1 4
056.0 +0 ** 4 ,+ - *60 " 90 06 "2.*+(7+0 +"3+0 + - - . ,,"0 6.60 +"+8 *
0. 6 8 0402.6 2,,. R *0 - 1550 0*8 3+. 0.40 - "0: 6.60 3+. 40 0,0 .*6515+" 1 B
6+*. *61* + - 40"0 0*60 ,1*6 . 5 + - 020"". 0*6 .63+0 6. , 6 . ,0 6. - 0* 1 - * *1
4020"". 51 "06 60*6.6 8 *60 0. 067"0 - 5 .0 4 . 8 *0, *1* ,". 6 8 *61* .*.0
5 .0 04 8 06 ,1* 0 6 8 50 14 4++ . . (.*4 1 : ". A0: 2+8 5 00" 8 0/ 9+1 +6 +
3+0 5. 6 8 4. - *1 %.*40 - ,+ - $06 +8 0 - +408 3+0 * , 0612 9.0 0" 3+0 .6
"2.*+8 ,+ - 03+ 6.6+ .4:0* "%06 "+ 6 .6. 6+ 0 3+.0 067"0 - + - 6+06+ 0/ 9+1
5 15+9*.,+"1 ,6 1 ". - .6. .4 ,. - 6 . 61 - 0*6. .4 - 1:0*6+ * 0 6.6 3+0 5 .0
4 . 0+ - 3+ 2+8 <. - ,1*:0*0 .6 - 1/ "1,+ - 404 40 - *6 .5. ,. 06 . - 6+ 8
3+.0 067"0 - 6 ,.0 3+. 1*60 - 60902.6 404 6. G+1 .41 "2.*+8 .4 - 1*. 60
+ - 0 0 1*; - .*1 - - 14." + - .2 - - .*+0"0 *..9* 8 + - 56 2+8 0/ 6 +4+ -
- 1*+ - 0*61 06 . - * 01I 2 ., +,,0 "2 2+8 5. .61 *12 ", 71 5 6 + - + - 5 6 %+ -
5 0 *61* ,. 6 . 1,+" 8 "+ 6 . 0 :1"+ 6 6 +4.3+0 ., 0 ,+ - 0. 5 .060 :070 ,6+
." 3+16 61 *.0*61 + - 4 2+8 4 "5"1 8 *0, ." 1 - 0 - 1 .2 " ,0 6. - *0 .41 * ,. 6 .
+. 04 6 .* - .4:0 1 *60 - 5, 8 ." 3+16 *1* 6. 20*0 * : .""1 - +* 6 8 : - *
0 51 "%0 4:0 + - %.9+ - ,". 8 5.*. +2 0*8 0/0 , 6+ - %0 - 50 ,1 - 6.2.6+
3+.0 * / : 6 0 - 2+8 / / : 1*, . 8 *.: 2+8 06 ." 8 - <*1 2+8 ,1* 6.2.6 * *61
* .*. 0 .*6 / - .<1 . *.: 9 . 3+.0 0 - 8 .902.*6+ : 6 0 - 08 06 / / / : *.:08
1*0 . .0 09 09 0 61 - 0*6 8 06 A * ." . 0 * 6 +4.0 3+.0 + 20 - 06 ,. 6 . 60902.*6
6. +6 .2 0. 5. 60 *61* .* , 6 . 50 ,+"+ - 506 *1* 51 "%0*6 *60 <.,02.6 06
,.*6. .0 +2<04+8 61 0*8 5 .,.7 8 5 8 :."".6+8 + - 9 6+ .2 +*. 5.60 5, ,+"1".
0 6 06 0. 6 16+ - 155+9*.6 1 0. 4 :0 8 5. 6 2+8 +*1 0140 - 3+0 60 - 51 0 60* .
5".,+ 6 "@ 4. 4 08 .4 : 6S." (0560 - 2 8 ,+ - 5 4 0 .4 :.""+ - + 3+0 "2.*+8
0/,+ ""06<5+" .6 8 *140 - 04 .6; *5.* 8 +6 + 6.* : 9 " . 06 9.6 .4 5+9*.0 4 + *.0
".21 0 - 4 ,2 " 1 08 0" 0 6 ",.*6. . : ,+8 . 3+1 *1 - 0* 61 0*6 * 5 1 .*9+"1
"6+8 0 6 3+0 * 61 0*8 * %.9+ - * "+0*8 ., 6 2 3+0 51*60 ".5 401 <+*9 6+ + -
+ 6.*

% $?+ # $ 6 $ $ % /+ 5
. ? B * 0 $.

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+ 6.*' 0 :[.2.*6' 0/0 46+' *' 3+1' .4 /' , 1' 71 - *+ -' 0 .*6' 6.' 4 51 61' +6 .' '
- 0 4 0'%.91'06 ,". 0'5 1/ - . ' .2'1, , . + ' 3+.'5. 60' "2.*+8' :0* 02.6'61 0*6,'6090 ' ' # ') '
06+ ' 4+ 61' *6 1 + - ' : ."" 1' *1*' 6.' *+* 61' 060 + *' 1" ' 51 6+8' - 1*6+1 +8' 0,G
1' . 50 1' . ,0* + ' 4 :0 8' ,1"" 2+8' 4 "" *9+ 6+ ' 3+ ' 6+ ,' *40' A0 .2' +6 .3+0' 61 '
,*6 8' 5.' 0 5 4+*6' "2.*+8' 3+' 40/6 + - ' 60*02.6' J .*4",1' ".2.0' 61 - 0*61 '
+ - ' 5 . , 041' *0916 + - ' 4040 .6' +6' 61 - 0*6 8' .560' 50 ' "1, .' 40 9*.6.' 4 51 6 8' *40'
*' ".5 40+ - ' 51*60 - ' *40' *' 12<0 6. - ' 5". * 6 0 - ' *' 3+.' . , 08' +" 6. 1 + - ' 6.2.6 '
*40' *' : .""+ - ' * 0 6.' 4 "5"1 1*0' +" - * . 06' %+ *' (.*6. , +, 1' 69* , .6+* ' .66 '
2+6 8' 0 ' , 1 1' 415506. 8' 6." 8' 06' 616 40 - ' 5.* 8' +6' .4' 9*+6. ' 3+14' +2".61'
:0 / ""1' ."21' 4.6+ +8' 0 "06' "2.*+8' 0140 - ' 60 - 51 0' ,". 0 - ' *61* .* . - ' * : .40 06'
3+14 ' .4 :0 1' :0*61' * 7 "1 - *+8' *' 60 - 51 0' 0,0 0' 7.+43+.3+. - ' 516+R' 5"0'
616+ - ' 0/0 , 6+ - ' *' 6 , 8' . , 08' 4 6 2+0 .6' 3+. + - ' 4+.0' 5,4 6.6+ 60 6 . ,3+ 6.6) ,1* '
6.2.6' 3+.0' *5*' ." .' 51 6' ." . - ' 04' .03+.6.' 0 0' 1*604' 3+.*6+ - ' "1,1 + - ' .*9+ 6 .'
5.6 02.6+ ' *,04, ,*6' *' - 04 .' 0 .6' - 50 .61 ' ,+ - ' 6161' 504 6.6+' "5.*1' 06' 5. 60'
. "%1571 + - ' E0 - .*1 + - ' 3+.0' ' ,1 - 5"0 602.6+ ' ' 3+.0' + +8' *' 3+.6+1 '
.9 - *.' 4 : 0 .6' 3+.0' *1*' 0 .6 - ' 04' ,1* 0 6 - ' 06' .03+.6.' 1*60' 6 40 - ' *,0 '
4,2.*6' 0/6 . - ' . , 0 - ' 4+,02.6' $ 1 50 ' 1"+ - * . ' 0 0' 6." 8' ,1* 6.*60 - ' 6' E06 '
- .* 8' . ,' 5.* 8' 3+' +50 0 .*6' 0140 - ' *+ - 0 1' 06' 1 4 *0' (* 6 .' 06' +"6 - .' 0/'
03+ 6.6+' ,1* 6.2.6' ' ,+ ' 5 .00 .6' J0 4 *.*4+8' "2.* ' *.6+ ." 8' " +8' 3+ ' +5 0 - . - '
0,+*4+ - ' 5.660 *' *' 0/0 , 6+' 5160 6.60 - ' 0/0 ,02.6' ,+ ' 06' " *9+" 8' 4+, 2+8' 0* /0' * '
<+*4+ - ' 0 .6' +6' 3+.*6+ - ' $7 " 551' 9 .6 , . ' :0""0*6' 150 . - ' 4. 0*6' ' 0+8' : 461 '
. - ' .**+ "%06' +6' + 2, - ' .' 4 056 1*0' *6.4. - ' 0 :. ,*6' 44 6+ - ' .2' "2.*1' +6'
- .9 8' 4+,+ - ' .* - 18' * "0 60 06' ' ." 60 ' ,1*6 *90 06' 156. 0' 0 ' +6' 5 - 1' 3+13+0'
,"15506' 4 "5"1 ' 4+' 516 +8' 6 .* :0 20 . 06+ ' 3+. - ' 4 056 1*' 6.*6.0' + 2 8' 50 '
0 "06' 1*' 1"+ - ' 1 41' *' *,040*41' 04' *' 5+9*.0' 5 *, 5 + - ' 4.*41' - 1 - 0*6.'
" *9+" 8' 4+, 2+8' 06 . - ' , 561' 6 .4 61' .2' "2.*1' 5 .0 , 56.' 0 .*6' +6' 1 - *,8' *60"" '
9, ,*6' *' 1 4 *0' ""1' . ,' - 1 - ,*6 8' : 61 . *' . 0' :0 ".' 5. 60' *61* *8' (' *, '
3+0' 4+,08' *0,' - " 608' 20"" ' 50 618' , , .' 0' 7.20 06' .4' 7.0,' 70 60 *1' ".21 0' 06' 5 1/ - .'
*1)8' : 9 " .' .6 9.618' 3+1 + - ' 12' : , * . - ' + 2 8' 5"0 3+0' .4' 41 - 18' 5 15 .8' 4 :0 '
6, .*6' *1*' - 04 1, 60 ' .* - ' .*902.6+ ' *60 ' + 20 - ' ,+ ' *0' 020"". 06' - 06+02.6'
,6' 71 60 - ' - 04 +8' 3+14' +*+ - ' 5160 .6' . , 0 - ' "04' 09* 60 ' * 6 +02.6' .6+8' "2.*+*6'
,' *' , . 6 8' - * - 0' 155+9*.6+ + - ' 04' 6.*6+ - ' +6' +50 1 0' 4 0' :0" 6.*41' ". ,0" 6+ '
+ - ' %.*40 - ' .4' E. 40* 0 - ' 05 ,15+ - ' 3+ ' 4+ - ' "+4 2 5' , 0.6+8' 0/' +2' 4 1' 06'
50"" 2+8' 50 *14. 06' *60 - ' *' + 20 .2' + .* 01' 09*.2.6' - 66 6' +6' ,+*418.4 9*.'
04 0' ,190 06' 8' .6 9.6 8' 616.' *140' ." 4 .' 5+"".6 1*,' 6 *6 **.2+" 8' ,+6*' - "0 . - '
5"020 - ' * 1 - *0 - ' 60*+ 06' - .*0' .4' 6 05 6+ - ' 6; - 5.*1 . - ' :1"0*60 8' *1*' :1"0*60 8'
.4' 0/0 , 6+ - ' 3+. ' 616' 50,+408' .4' - . ,0""+ - ' ,1902.6' 5"06 3+0' *' 6 *0 0' 4 ".20*6 '
2*8' 6.' +6' 5 1560 0.' - * - 0' 0/0 , 6+8' *+ - 0 1' , 0 00 06' A. - 3+0' "2.*+8' 5 15 * '
3+.2.6' ' 3+ ' ,1* 5041' *1*4+ - ' +6' 5+6.2.6' *61* .*18' *' . , 0 - ' * 6 +418' 0 "0' *0,'
5 1 *40' ".2. - ' * 0 6.' 4 5"1 1*0' .401' 71 6 ' ,+6' 2' 50 +. 0 .6' *,1 - - 14.6+ '
+ - ' * 7 "1 - *+8' ,1* " 1' *' 0' 5 .0 0*6' , .561' +"60 +8' 5 1 - 161' 0/0 , 6+' 5 1," '
."0. - ' 60*6. 0' 6.6+ 6' 1"+ - * .03+0' 3+' 66' 40/6 .' 0 .6' - 50 .6' +6' 50 ' 51*60 - ' - '
506+ - ' . ,0 06' 06' 3+.*6+ - ' 51 "06' 5 19 040 06+ ' %+ *' (.*4 1' : ".0' *0916 + - ' 4.B
6+ - ' +6' .2' ."60 .' 5. 60' ,+ - ' ' , 1' ,"15506. 1 + - ' 0/' - 04 .' . , 0' 0"041 + - ' 5.+"1'
+5 . ' 3+.' 5.0' 7+ - " 1 08' 0 .*6' 6 .* - "2' 61 0*60' *' ".6+8' *61* .*18' .99 040 '
06+ ' A+ "+8' 06' J0 4 *.*4+8' +50 +8' 61 0*60 - ' +50 . 0' 06' 0140 - ' 60 - 51 0' + '
6.*18' 6 .* :0 .' 155+9*.6 1*0' .4' ,0 6. - 0*' 5 1"04. 0' &0 + - ' 1"+ - * .' , 6 +8 : ".'
.4' 51*60 - ' 50 :0* 0*8' :0' 3+14' "1*9+ - ' 06' - .9 8' - 504 6+ - ' 60 ' : ".0' . , 0*4+ - '
0 .6' :0' 40,1 8' 5.* 8' 5 .0 5 0*4' .641 0"6." 89 + - ' . , ,0"0 .*6 2+8 - 50 + - '
. ' ' b' ' .*60:0 6 6

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' . *60 : 0 6 6 ' 06 ' - 5 0 1 * 0 . 6. ' , + - ' .4 0. * 5. 60 - ' + 6. * ' "1 0 - ' 0 / , , 6+8 1551 '

' # ' + "0 * 6 ' * 6 1 - ."0 - +"4.6+8 0 6 "2. * 1 0/ 6+66 +"1 * 0"". 4, 504. *60 06 60 - 0 '

6.60 - ' 1"+ - * .0 * , 05. *60 ' ,+ ' 6.6 - ' +41: ,+8U :. 08 ' -5 6 .6 8 .2 0 1 * ; - 1

14 1 * 1 ." 3+16 "1 , .6 8 E0 * . * 8 5 ., 61 + 6 01 + - 3+0150 1"+ - * . 51 * 6, - '

+50 . : 6 06 - 1".6 * . 5 1/ - . 5 .0 4 . 18 . - "8 ." 3+16 0 + 8 40<0, 6 ' . * / 1 * '

60 0. "2. * 1 3+ 550 3+ :0 0 06+ ' * 0 P : ". 71 - 1 .4 . - 5 1 - 56+8 1"+ - * .0

, . + ,19 * 61 * 1 * 6, +6 <+" +8 , .6 * ".6+8 04 - 5.6 0 * 6 . : 4+8 50 1 * 60 - *

71 60 - 4+,0 06 &0 + - : ". 4 41 - 50 .61 8 .+4 0 * 8 + 6 06 ,+ - 140 ,1 (.

5.6. 06 $06 1 1 .": 1 0 * 41C. 01 3+0 - 1/ * 03+0 * 60 ,+ - 03+ 6.6+ $0 4 * . * 41

., 0 - - 5 0 1 * 0 - 0, 6 32 3+. * 3+. - * 61 * +8 3+ . * 60. .4 51 * 60 - 5+9 * .2.6

- 1/ : 0 8 :0 6 06 6. - 0 * + 66. * ,19 * 61 <. - 51 * 60 - . 1"+ - * . 1, ,+5.6 - 7 ,6

" 1 60 8 0140 - 60 - 51 0 ,. 6 1 + - ".60 . * : .40 0 .4 ., , - - 04 . - , ,1 * 6 .7+ * 6

.63+0 2 + +8 4 "5"1 1 * 0 . J . * , ,1 ".2. * 6 6+6. * , 6. ,1,5, + * 6 . 1 * 60 .,

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018 06 + 20 - * 60 51 * 0 06 06 . - . 60 91 506 : 40 0 * 6 1"+6 8 1 4 * 2+8 * +9. - ,

,1 * < , + * 6 5 0 * 61 * +8 ,+ - & - 1 ,1 - 60 - - . * +0"0 $1 6+9."" 1 , 160"" 1

0 * 1 0 06 4 : . 41 . 6 0 * * 0 +"" 1 ,0 6. - * 0 +9 0 * 6 2+8 - - 6+8 .4 + 20 -

60 * 4 6 06.2 * 03+0 * 6 2+8 * 6 * 0 0 4+ 7. 6.0 * ., 0 ., ,0561 .+, .6+8 ., 5. - -

.2 + 6 .2 6." 8 : 1"1 * 2+8 , .56+8 6. * 40 - 0 : . 68 06 ,+ - 0" 3+ 8 0/0 , 6 8 50 + * . -

51 6. - * 9 0 "+8 50 ."60 . - - 1/ 09 04 6+ , . ,0 2+8 * 6 . * 6+ .50 <+" 8 3+. "

51"" 6. * 6. * " 1 - * + - 6 .90 - * 5.+,+" 8 - ."0 , 8 ." 3+ 4 <50 +5, 0" 06 < * 60

3+18 * 7 "1 - * +8 - +"6 0 . * 6 * +"" 1 ." 1 , - * 0 * 16.6 3+. - 3+14 $7 " 55 , 8 5.

6 2+8 . : 0 0 4 ,0 0 * 6+ 6 ,08 06 ." 0 5"020 .2<04 8 . - 8 * + 20 0 - . * 0 + * 6

06 .4 /1 ,8 +.8 ., " 20 18 50 +9 + - 7.2+0 + * 6 0/60 .4 60 - 5". 0 0,050 + * 6

.9 * . 6 .908 * +9. 04 6. * 03+0 6. - 0 * 5 1 * + - 0 1 . - 6. * 6+ - , 1 1 0<6 +

6. * 8 40 40 .6 2. +4 . - 5" +8 0/ $7 " 55 , 8 , " - . 4 .0 * +"60 1 0 %.9 5. ,10

* 12 + - 1 - * , . * 14." 6 ,1"" +50 6 +4+ - 0 6 ,+ J . * , 0+8 8J1 0 +8 " "

51 * 0 * 8 0+ * 40 - 1 4 0 - 5 1 0 " 8 5 .0, .6 - .9 * .0 0 +4 6 1 * 8 67,1"19+8 06 * 1 *

1"+ - 0 56 8 04 6 8 04 ; * 14 % 40 * 6 * .0 ,+<+8 5. 8 - .9 * . + 6 .4 1 * 0 ,". +8 8

. . 60""0 * + - 5. 6 2+8 - . / - 0 1 - * + - ." 0 * +8 0/ +50 1 0 "1,1 6. * 3+. - 0/ 5,

,+". ,1 - - ".8 +6 * 3+0 ., 08 . * / 0 504. * 8 +2 +18 5. 6 - ,.0 18 5. 6 - * +9. -

:0 18 : 4 6 6. * : 070 - 0 * 6 0+ 5. : 1 0 0+ - 10 1 0 ,1 056+8 0 6 +6 0"". * 3+. 0

402.6 5 .0 * 4 9 * .6 1 * 0 0 : 0 . 06 1 . : 0 +8 +5 * 1 ,1 51 0 ,1 +, 6 06 40 / 8 *

,10"+ - 1,+" 8 12 90 00 * 8 * +"". : 1,0 0 - ". +2 61 0/"5 . : 0 6 2. +4 - +"6+ - 0/ .90

* . 1 - .<1 J0 4 * . * 4+8 ,+6 <+"%+8 , .6 0+ - 40"04 8 0 : 0 6 9 1 .4 + 20 - 60 * 4 6

+6 + - 50 * 60 - - " 60 - * 7 20 06 71 6 + - 9"12+ - .47+, +50 . 0 06 ,1"" 90 0 0 0

"1 * 9 * 3+1 * 60 0+ * 4+ - ,". - 6. * 8 41 * 00 - 10 * . +2 : 6 06 ,+ - - .9 6 .6+ ,1"" 1

,+6+8 : 6. - 3+0 ".": . * 6. * 6+ - 51"" , 6+8 ,060 . : 41 8 . 2 6 1 0 0 : . * 8 70 . -

" 60 , ,+ - + 1 12 6 050 06+ ." 3+18 0/ 8 5 - . 28 + * 2+8 40 - "28 .4 "2. * + -

5.6 0 - - 6 3+ . - 5" 1 08 ,1 * 4 6 1 * 08 .2 01 - 506 . : 0 + * 6 (0,+ * 4+ - 7.0, 5 +8

<+ "7 .551 6 .4 3! .67. * .0 51 6. - : 0"+6 ,+ 61408 5 - . 4+,08 3+ .+4 1 6.60

+. - " 60 - + 0 * 60 - 05 - 0 0 * 6 061 * .0 - . ,7 1 J0 4 * . * 4+8 %1"06. * +8

(. * 4 ;8 : ". A+" +8 (5 * 1". - 2 1 +8 2E - ."4+8 E. .8 . 40 * . $06 +8 C

- +408 J . * , 0+8 V . * 4 . * +8 1 - +8 0 * 6+ 1 J . * , 0+8 06 4. ,+8 %1",6. *

* + 20 - * 6 14+4 $06 +8 04 ,08 $06 +8 %1"06. * +8 06 ." 5 1,0 08 3+ - " 608

3+ * 9 0 " 0 . * 6 5 .0 0 * 6 . +. . .5 * 8 .2 6 * 0 0 * 6 0, 09 * 60 0 - - . "90 "0 0

(. * 6., +, +8 06 " 1 * +8] 0 : . 06 51"" 0 6. - 61 - 0 * 61 + - 4 5"1 1 * 0 - * 61 * . * .

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*9 , " : 8 ,1*6 . +2+ 2 + - 3+14 - 0" 1 06* + 2 8 5. 60 - ,1* , 6 :0 .<
.63+, 4 50 6 0 8 4 08 ,1*6 *+08 , +40 60 4 6056+ - *90* 3+0 5 .04. *01 .4. 0 6
. - , ,.61 2+8 +6 * 6." 2+8 ,. 62+8 0 2",6 : 5 06 1 040 - 56.< 3 550 ,". "0
5 15 *3 . * 3+. - 5 06 1 . 3+.03+0 * 51 6. 06 * 0/60 .8 1 .8 <+ 61 5 06 1 :0*
40*4. 6 .* 51 6.6. +*6 .<1 50 06 15 * 1*0 5 .04. + 6 3+14 5"0 3+0 0/ + 2.* 8
- , ,.61 2+8 - , ,,8 5 06 1 1 08 12 8 9 . .*6 8 50 ,+"+ - * +2+ 2 + - 6 .* 6+"0
.*6 %,"1*,+ - .2 " 1* 1 0:. 0 :.6+ - $. , 6+ - 06 0" 9 1 8 "1, 8 .2 6." 8 06
E0 - .* 8 06 ,+ - .4 1,7 .*+ - 3+14 0 .6 14." + - <0 + 6. - - ,1""09 + - - + 6
"1,+ - 0" 9 1*, 6+6+ - 1 0 2 50 +. 0*6 +. 5 06 1 1 - 01 + - 40 , 04 40 .*6
3+.0 6. .,* 5.* 3+ 6."18 *40 0/5+R .*6 50, 0 . - R 6 ., 3+ 550 .4 0* .*
4+ - "1,+ - . 4+, 2+8 - ""K + 61 +2 056. *14+ * 5 1/ - . - ,". 0 - .:0/06+*6
G+. 4. - ,6 . - 41 - 08 *6 . 5 . - + 20 - * 5 .04. - ,1*,0 .8 0 2 6 0 . 01
+ - 3+ - ./ - 0 . $7 " 55 5. 6 2+8 ." 0* 06 04 6 1* ,.+ . - 5 .02+ "0 . 9+02.*6+
61 +8 ,+ .60 .4 (.,.20*0 - : ,+ - :+"*0 0 04. 5 .0 4 + - A+" + - ,1*,0 " 6<
3+1 ,+ - ,,+6 +*6 E. 40* 8 05 015+8 4& - 1 6 ,1 - 08 06 (- 1 0 . ,. 097.
21 ., 4,,. +8 ,+ - , , 60 03+ 6 2+8 +2 : / .0,056+8 0 6 .4<04. ,1*4 6 1*0
+6 3+. - 5 - + - ." 1 0 ,1* 0 06 * 97 ., <+/6. 405"1 .*41 *,1* 6.*6 .0 , +*.
7+ - .*. + - 0/, - 5"1 +6 3+1 "1,1 *61* 1 .*60 4+18 - 0* 0 8 6.*61\ 515+" ,1*
,+ + ., .:1 0 6.*3+. - U9 .,,". - .6+ - 0 .6 0 40 - : / 5 :.60 6+6+8 0,056+8 0 06
* *01 "2.* 4 " 90*6 . - 40 40 . +*6 3+ +9 0*60 - * 0,+6 8 *1*
6 (04 51 6 6.*6+ - +,,0 + - 06 1*+ 61 5 .04. - " 60 4 , "0 + 6 - 1 50 ,+"1
- "1*9 +8 . 6.*6. + 20 0/0 , 6+ - 404+,0 0 * 3+. 06 01* 6.*8 . - . 0 .6 *61
* + - ." ,+2 ".60 0 6.3+0 :0 6 9.6. 1 - * . ,10*32 1 - - 06 0" 9 1 1 + - "0R1 + -
".6 2+". ,6 :0 6 9.6 1* 8 "" +8 ,1"1 0 .5 *.0 *90*608 .4.0 3+14 - .9*. - +6 6 8
*: 4 . - "2.*1 , 0.: 6 5"0 3+0 .5+4 $7 " 55+ - , 90 6.0 - .9* 6+4 *0 - 0"0:.*
6 2+8 ,6 ,1*6 . 0 1 0 - 0+ ,+"5. - 0<+8 * - .<+8 , /61""0*6 2+8 *. - :.*. 0 0 0/
5+9*.6. + - . , + - 06 + 2 + - , .0 2 + - 71 6 + - 06 *+50 .4 ",.*6. . - ,1 - - "
5 10" *1 - *. ,+ - 7.0, 1 - * . *0 - *0 0 0 0 60*60 ,1* 04. " *6 6. - :0 1
+ 6.*1 + - *,1*4 6. - - +"6 6+4 *0 - 71 - * 2+8 0 0 .4 9*. : ,1.4 8 06 0/
5",2, . ., , 8 ., - 1*.,7 8 * ., 8 ,1* 0 6"1* 2+8 06 04 6 1 8 ,1*, 1* 2+8 40,056.
,6 3+. 6 .4 - .,,""+ - .2 * .* 8 20"" *,0*61 2+8 3+ , 06 . - 4+,08 "" 5 .02+, .*6
5 16 .4. ,1* 6.*60 - *1* - 0 0 0/0 , 6+8 *1 - 0* *00 : , 0 " + - : 40 3+ : " .
.4,1 ,.5 6. .+6 6 +44.:0 6 .+6 4 6+ 2.:0 6 6.3+0 +,,0 + - $7 " 55 1 6+*.0 *1*
4+48 : 6+6 - 5+6.*4+ - 04 7.*, 5 15 . - 0<+8 0 0 ,+"5. - 3+14 + 20 - 15+"0*
6 - . - ,6 3+.0 0 :.6. *1* 1"+ - $7 " 551 9"1 . - 06 + . - . - 0 9. + 6.*18 20
S,:1",*6 . - ,1*4" .2.6 04 06 . - - .9*1 + + 02+8 + 8 0 0 5160 .6 50 616+ -
6 4++ - - " 6 405 .04.*4. - ,1*,0 0 6 +6 - " 6 8 9 .6 . - - .9*1 5 *, 5 8 +
4. - *1 4, - . 6 2+8 1" - * 0"9 1 3+.0 6. - .+,+5. 06+ 06 ,19*.61 + - .3 . -
,1 +% 3+ 5"+8 * + 20 0/5 ".*4. 3+. - * : 1 . 50 06 +0*4. .21 . 0 4 ,02.76+
,1 - - 14 8 !0 : 06 .0, 06 ." . 7+<+ - 14 3+.0 <+ 6.8 ., "09 6 - .8 0/,+ .6 2*08
" .8 7.202.*6 .4 12 0+ .*4. - 6.*6 : ".+40 - 06 - 0 61 + - 5 +8 - 0 - 1 .6* *
4+,0*4. - * .+". <.4.2.*6+ 3+.0 5 1* 8 .+ 2+8 +6 .2 *: 4 8 06 .0 - +" 8 .,, 5 0
2(*6+ $ .060 5, - 06 6+*, .044 6 +6 *.:08 *4 ,.0 0/ C1 8 9*. .0 3+ 4 *
+ 66.* . .90 06 .4 + 20 - .55+"0 *6 *1* +6 3+0 1 6. 0 :0*6+ .0 6 ,0 6 1 08 40
+,,0 "" .4.0 + "0*6 3+ 550 ,+ - * : 41 0: 413+3 .03+0 405 .04.6 1* 8 50 ,+B
"+ - - 06+0 06+ ' ; B
% $ L+. ' + I # 9 " $ 2 ? !)

A ') E ' %)

' '(' '6.*6.-'".06 6 .-' *15 *.6.'6 6 6 .' +,,04,*8'5.0*0'0:0 6 6'$7 " 551' +2'
) ' ' 4'60*.5+8' *'50 , "1"6 - . -' .09 6+4 *0 -'5 1".5 1' 6.' +6' 40' 0<+8' 4 "+60' .' - 04 48'
40 50 . 06+ ' 3+14' + +8' - .9*.' .* / 06.60' *1*' 1"+ -' 2.*+* ' 04' 1 - *0 8' 06 . -'
3+1 + -' 1 6+*.0' 0/'6.*6' . 6 9 ' - 50 1' 50*402.*6' .4 " / 6' . ' ' ,1*6 9 ,6'
6+*,'$7 " 55+ -' - 1 ' 8' : /' *' * .*6 .' 4 4 8' 02+8' 0"9 ' 6+ 2. 8' 06' *3+ ,618
1 6 1 + -' . - 1c' .4' 08' *1:.8' 1" , 6.*60' $.*, ,1' ' *4 + -' 4+,0' *0,' 0,0*60 -
1: 09' .,,0 " 1*0 -' 6.2 "0 -' *0,' .'41 - 0 6 , 8' 6+ - +"6 2+8' 6.*6+ -' - 50 + -' 6+6+ -'
1 0' .55. 02.6' E1* 6 6+0 .6' ,+ -' .* - 1' +1' "2.*+8' ' 6.' ,. +8' 6+" "",6' 09 *. -'
.,'5 *, 50 -' 0' :0 6 9 1' " " 51*. -' . ,0 "0 0' 3+1 + -' 5 .0 ,*6 .' 06+8' ,6')' 3+.0'
50*08' 07.202.6' . - 8' +2* /+8' *' 1 , 1' 0" 3+.' 09*.' 0' ,1*6 *0 0' 51 0' !50 .2.6'
*60 0.' .4.4 ' 1 - *08' *' :0 2.' $7 " 55' 6+' 1"0 - *' ' 4' (0560 - 2 8' .,' - 1/'
5+ ".6 8' 50 ' + 20 -' 6; - 5.* 8' 5 .00+*60' ,+ -' :0/ ""1' 09 1' - .9 6 .6+' $7 " 55' 09 8'
1 - 0' *,". - .6+ -' 04' :1,0' ".*9+ 4.' ,6' 6 6 6 . -' 516 +8' 3+. -' ".06 6 . -' 6, 6.*60'<
6.+6' 90 - 6+8' + 5 .' .,' ". - 0*6.' *60 ' ,". - 1 08' ""18' : 1"0*6 .'0/61 618' 5."""- '0/'
.+4 0*6+ ' *61* +8' ,+' .4' 2 0:0' - 1 - 0*6+ -' .4' ' .*+ - ' 0*08' ,1* 60 0' ,1*'
,0 6+ -' 0 .6' *40' 2 1* - 2 ,. -' 50 9 6' +2' *0,' 4 +' - .*0 0' 2' .+6' , :42+8' 3+.*'
6+ - : 8' 0 9.' 0' 20*0' . 04 8' 6+6+ -' ,+ -' : 4, 06' ,1*6 *+1' ' 1*60 -' - .<1 0 -' ,1*'
,04 6' +2' . - .' 5. .' ,15 .8' *1:.8' 5 + -' 5. . 0' "2.*+8' +.8' 4 : 40 0' *1"+ 6' 04'
6.6 -' (.*4 + -' : ". -' ,1*6 .' 0+ -' - 660 ,' 6.6+ 6' 1*:."0 ,0*60' 4, *' $7 " 551'
,. +8' *, 4 6' 3+' 6 6 6 .' - .9*.' 08' ,+ - +".: 6' 06' 0 - 1 . -' + +8' ." 3+. -' 8' 90 0*4 8'
.66+" 6' . -' **.' 09 8' +/1 '41"1 0' 06' : 9 " 8' 12' : ' - 1 2+ -' .660*+.6.' .,,040*60'
515+". 0' ,.6. 71' ,'0* -' 8' - 1 2+8' *' 5.* .' :1,.6+8' 0 6' 3+' 616+ -' 1,, 40*60 -'
01' .**1' 50 :.9.6+8' 50 60 -' 9 . .*60 -' 5"0 3+0' "1, 8' 5 ., : 6' : 6. -' ,+ -' - 1 60' ,1 -'
- +6.: 6' G 'S." ' 1: ' 0" 4 8' 4.,1' 06' $7 " 551' 8' 0 0 0' *' ,+* 8

' ,, # 3' *40' + - 56.' *61* +8' *60 '0 + + -' 06' * + -' 6 .4+8' "" +8'
*,3".8' .6 9.2.6' 06' 03+., 2+8' .4' 0' ,1*6 .4 8' + +8' *1: '0/0 , 6+8' 50, 0 -' 1 60*'
6. 0' ,105 6< 1* - 2 ,. - 3+0' <. -' ,+ -' 1 6+*.' *+6.*60 -' 6.*6 "50 ' 01' - 06+' ,1*'
6 *+ 6' *0' "09.608' .4' "2.* .*' - 660 06' ' 3+14' <. -' 51 6' 0<+8' 4 00 "+ -' 0,0 .*6' (.*6.'
0*0* 08' *' 40 -' .2' "2.*1' .,,056' A. - 3+0' .4' :' ' 1 - * 8' 90*0 8' 71 - *+ -'
.4' *61* + -' ,1* "+/0 .*6' ,+ -' 3+ 2+8' "R' :0 + -' 60*4 6' 3+14' * 6 1' 0 60 0'
.+ + -' - .<1 0' 3+. -' +*3+. -' ." 2' 0, ""06' : '155+9*.: 6' ' - 506+3+0' .41' ,+ -' + 6 .'
6 6 "R6' 51 6 0 - 1' "03+.4+ -' 1 - -' *60 :0*6+' .2' 155 4.* 8' .4 - ")8' 0 6' ,+ -' $.*6.'
"01* '(.4.' ,+ -' .+/ " 1($1 6+' 5 1 04+8' 0 +8' .4:0* 06' +"6' *' 155 41' .2' 01'
,.56 ' - +"6.' .:. 0' 06' , +40" 60 '90 6.' *0,' - +"6+ -' 08' .'4 056 1*0' .2 + 6' G+1' +,'
,0 " '5"028' + 6 ,.'6.*6+ -' " 91* 2+8' + 6 2+8' .,' - . 8'. - .6.'6.*618' 5 6+8' "+ - 5 6'
.,,040*6 2+8' 40' $7 " 55' .09 6+4 *0' *1*' 0,+*4 8' + - 1 2+8' +6' * 7 " 2' - 50 : + -'
5+6. 06' 06' " " 51*. -' 5 . -' 0,056+ . -' 0' 51*40 06' 0,' ,0 ".2.*6' $7 " 55 ,0'
06' ,+ -' .*60' 09 8' - 1 2+ -' *' 0. -' 06' .4' ?J1 6+*.6.8' * +".8' + 3+0' - "" '0 60*'
3+ ' 5 .0 4 . 18' 06' 155 4.*18' ""1 + -' "1,1 + -' *' 40 -' .,, 50 0*6' ,+*4 ' 0 0' *'
$7 " 55' :0 2.' <+ .:0 +*6' (0,+*4+ -' 7.0,' <.*' 5 .0, 5 6.*60' .+6+ - *1' E0 - .*'
.2' "2.*1' ' 0612 9. -' .2"09.6 ' 06' 6."' .,' 5.*' 50 G" 51*.0' +2+ 2 .' 4 6 '
2+6' +*6' *' 4.61' *0916 1' (.*4 1' : ".0 ' +6' ,+*' d ' , -' 06' '504 6 2+8' 06' ,,,, '03+ '
6 2+8' 1* - 2 ,. -' :0 +8' .4' 50 "03+0*4.8' 20""' 0" 3+ .8' 5 1 , 00 06+ ' 3+0 *' ,'
,+6+8' 0 6' - - .*+0' (1 .'$.,0,+8' ,+ -' 4+.2+8' 03+ 6+ -' .""8' .4<+*4 8' ' '504 6 2+8'
4+,0' 4.,1' ' 1 4+20* <3+' 1* - 2 ,. -' *9 +8' , :0 8' .4' 12 03+ + -' .409 6' 6'
61 +8 3+ 'V :0 '0 .6' ,19* 61' : ". -' .4:0*6. 0' $1 6+ -' :0 +8' 60*4 6' p+2 5 .0'
:."0*60' . *,.' .4 450 '71*1 ,0' .4 - "%+8' 0 6' $.*6.",1*' (.4.' J0 .*4+8' U 1* +8
. 06+8

+ = 0 M . M ' K ' ℓ+ ' ' 0 ' 2'
8' ' '4 //. ' '% ' Y' $' ' + ' ' $ ' / 6 ' 0 #
/ '

G $ * ˢ ˢA1.**08ˢY * ˢ3 ˢ ˢ ˢ $ ˢ #ˢ ˢ ˢE ˢ ˢ
0,050 +*6ˢ 1/ˢ *61* +8ˢ.4:0 . 18ˢ *ˢ,. ,0 0-ˢ,1*<0, 6ˢ01 +-ˢ21*.ˢ4 5+6 ,+8ˢ
.:, 8ˢ .,," . 1ˢ1+6.8ˢ,.5ˢ6ˢ06ˢ *ˢE."" .-ˢ.-.*4.6ˢ3+1 4.-ˢ0/6 0-0ˢ +55" , 1ˢ.
0, 6ˢ.,ˢ51 " ,-1ˢ,ˢ.+ ,1 +-ˢ, ˢ+ 2ˢ -50 .: 6ˢ *ˢ3+1 +-ˢ0/. 61*0ˢ,+-ˢ*+""1
*1*ˢ *<+ .,ˢ90*, 0ˢ+60 ,6+ ˢ06ˢ, : 2+8ˢ.4ˢ40 50 .61*0-.4.4 8ˢ0/6 0-.ˢ1-* .ˢ60*j
6.6+ +8ˢ 0"06ˢ *+*, +8ˢ40ˢ# 1* -2 ,.ˢ06ˢ2 1*60 ..<1 0ˢ3+0-ˢ 4.,+8ˢ 160""+8ˢ
4, ,*"+ +-ˢ 0ˢ ,,050 .6ˢ *ˢ:0 2.ˢ$7 "55ˢ.2ˢ : ".ˢ.4.4 8ˢ:0*6ˢ ˢ3+14ˢ$1 6+0* 0 8
5, ,+"1ˢ0/0- 6ˢ .-ˢ *61* +8ˢ<.-ˢ40ˢ ."+60ˢ5 15 .ˢ1" , 6+8 ,1*") +-ˢ:0/.*41- -
, : +-ˢ1- 6ˢ06ˢ *61* +-ˢ ˢ$1 6+9.""+-ˢE. 4.0ˢ05 015+- ˢ& .*. -ˢ5 .0- 66 6
3+ˢ- "6,ˢ+*4 3+.3+0ˢ0/ˢ5 1/ - 8ˢ.9 8ˢ,1""041ˢD -.0ˢ51*60-ˢ * "40 06ˢ06ˢ71 60-
.4:0* 0*60-ˢ + ˢ3+ˢ-04 +8ˢ *60ˢ018ˢ0 .6ˢ6 - 6+ˢ5 17 20 06ˢ G+.0ˢ4+-ˢ7+*6
"2.*+8ˢ8 " 51*.0ˢ-.9 6 .6+8ˢ.2ˢ *61* 1ˢ, 0.608ˢ.24R.6ˢ*1:18 *ˢ01 +-ˢ"1,+-ˢ
E 0.6ˢ06ˢ:06+8ˢ,. 6,"" -ˢ*1: 8ˢ150 2+8ˢ -.6ˢ6 .* ".6 8ˢ01ˢ61 -0*6 8ˢ.,ˢ20"" ,1ˢ.5ˢ
5. .6+ˢ.,ˢ5 .06, 0.ˢ5 .0 4 . 8ˢ 5.* 8ˢ3+ˢ4+-ˢ.4ˢ51 6.8ˢ, : 6.6 8ˢ6.2.*6ˢ, 02 8ˢ
*60ˢ + 6.*18ˢ06ˢ . 6,""0* 0 8ˢ / 8ˢ1,,. 1*0-ˢ5 .02+0 .*6ˢ A.-3+0ˢ : ".ˢ :0 1ˢ
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4+, 2+8ˢ : 402.6+ ˢ6. *ˢ : , *1ˢ71 60ˢ 0-ˢ50 ,+ ˢ.401ˢ5",66.-ˢ60*6. 0ˢ3+ˢ20""+-ˢ
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, , .6+ ˢ+6ˢ*0,ˢ,". "8ˢ *ˢ01ˢ -. ˢ6+61ˢ,1* 60 0ˢ *0,ˢ50ˢ0<+8ˢ4 ,0"%+-ˢ +2".6.ˢ
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+ 6ʽ . - ʽ ,+ -ʽ5 - + -ʽ + 6.*ʽ "5.*18ʽ50 ʽ".6+8ʽ +0*6, 8ʽ: 4, +*6ʽ *0 - *0ʽ 5ʽ
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W6ʽ 4 *ʽ .*60ʽ 5 .05. .61ʽ 71 60ʽ 255 0 " - ʽ 7 40ʽ 616ʽ ,".4, 8ʽ ,,+6.8ʽ 3+.8ʽ .+/ . 2+8ʽ
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.4+ + -ʽ G5 6 +8ʽ 4 4 8ʽ ,+ -ʽ"., 7 - .8ʽ4 0+ - 6.*6 2+8ʽ ,/,+ ") %06ʽ ,+*4 85 .0ʽ - 10ʽ
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5 1 04+8ʽ 50ʽ . ,," + -ʽ 12" 3+.61ʽ 6 *0 0ʽ51 6 0 - 1ʽ& . . -ʽ60*4 6ʽ< 3+1ʽ .*60ʽ E. ʽ
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,,*4 6ʽ ʽ 04ʽ 60 - 50 6.60ʽ +21 6.ʽ *ʽ 60 . *ʽ 0<04+8ʽ3+.*6+ - : 8ʽ 03+ 608ʽ 5. ʽ*6 .ʽ
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:0 60ʽ + - 56.ʽ.,ʽ2. 2.ʽ . .ʽ5 .060 ,.4 6 2+6.ʽ *60ʽ +18ʽ3+. -ʽ0/ 9+. -ʽ7.202.6ʽ 50ʽ
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,1"6+8 0 6 0 - - ʿ.90*4. + - ʿ50 6+8? *9 . - %0 6 .05 - .+. - ʿ+ 20 - ʿ:0*0 .6 ʿ06
150 J .*, 0.*1 + - ʿ *61* 1ʿ.44 44 + - ʿ * +".*18 71 - *08 +50 6 6 1 18 06 61" 4,ʿ
04+"18 6.ʿ . 0 *.:0 .6 ʿ+6 ʿ" ,06 .2 + 4.ʿ06 2 ʿ5+9*.*6 .ʿ5"0 .3+0 - 60*8 ʿ6. - 0*ʿ
4,"(,0 ,6 ʿ+6 .ʿ$7 " 55 ʿ5. 6 2+8 .S0* ʿ0 6 0*6 ʿ . - ʿ06 - 141ʿc02. 6 .*+ - ʿ - 0ʿ
- 1 6++ - ʿ .+6 0 - 1 6+ 8 + , 6.6+ .ʿ2 0: ʿ .4 018 :0*6+ + - ʿ50 ʿ71 - *08 .4 4 40 6 ʿ
*.618 - 0 .0 5"02 ʿ * + + .2.6 ʿ - 141ʿ *61* + - ʿ *ʿ 0 - ʿ0"04) 7 . - .2.6 ʿ 6 ʿ
3+.*3 - - ʿ.4 *61* + - ʿ - 8 (6057.*1ʿ" ():0 .ʿ06 0R7 1 0 /.*, 0.*5 74 - *0
,1*46.*4 8 6+ 2 8 44*01 ʿ3+ ʿ * +".*1 + *ʿ*1 - *0ʿ12 03. + - 46. 3+. - 5 "*, 5 ʿ
+1ʿ4 , , 0*6 - ʿ40 (02. 6 .* ʿ - 1 60 ,0 6 ʿ0 0 402+ 0*6 ʿ6. - 0*ʿ.5+4 +40 - ʿ06
+50 6 6 1* h $6**+6 6. - ʿ5"020 - ʿ6.*6+ - ʿ .+6 5.* ʿ*1 - * (ʿ14 + - ʿ .+6 ,1*6 .ʿ
+ 6. +ʿ. - 1 ʿ:."+ 6 ʿ+6 .ʿ: ʿ .2 1ʿ.ʿJ .*, ,.* 8 - 51 61 2+8 21 7 .63 06 :.6 , ʿ
*.*4 ʿ: 6+60 - ʿ5 1 0 1ʿ 2 ʿ50 +.40 ʿ5. "ʿ *6 ʿ(02. 6 .*+ - ʿ *6 .ʿh ʿ 4 ʿ ."6 ʿ,1 - ʿ
5. 6+ 6+* ʿ ,,0*402.6 * +".*1 + - ʿ * .* . - ʿ 0",7 1 ʿ ""0 ʿ3+ ʿ.5+4 ,1 4.6 1 08

%ʿ $ ʿ ʿ#. " 2ʿ 2)ʿ #)$ 2 ʿ - # 2 Sʿ 2 1 ʿ 2 2 / ʿ 3ʿ2 " ##) ,+ -
")$ ʿ / !ʿ ʿ(" ʿ ʿ2 ʿ ʿ 5. " ʿ ʿ! ʿ2ʿ # , ʿ2 ʿ #3 " ʿ

' ,+ - ' 0/ ' "09.6 1* ,' ,+ - ' (":0 .' 04 %06' ,19* 61'<. - ' . - . - ' ",.*6. ,* 8'5+9*.0'.4'
) ' "'018'5, :0* 0 ,<+8',. + - . 6 , 1 0'0"0:.2.6 *61* + - 3+0' *6 .V + + - '06 * + - '
,1* ,0 "0 '06'<. - ' / / / ' , 1' *' . - 8' , ,.' 0'7.20 0'. *..2.6' 5+4'5"020 - ' :0 1'. - '
2 9+ 8' 0 - 1* 2+8 5. " 8'15 * 1*0 - '40' (02. 6 .*1' ." 1' ,1* ,056. - ' .4<+:.2.6'06' ,+ - '
.0 .' .,0 06' ". +8' ' . - 0""+8 ' + * +8' 0/ ' 0<+8' 0 - ". 8 ' 5 1' (02. 6 .*1' ,1*<+*4" - '06'
61 1'5 , ,085+2" ,0' ,1* , 5 02.6' 19.*6 2+ 3+0'0/ ' 5"0203+ 2+ 4. - '40' (02. 6 .*1 '
0+ - ' 06' : :, 0' 06' 5 4 ' 1* ' (0/6 " ' *9 .0' 6 6+ + - ' ,' ,1* - .2.6' 6.' 5"020' :0 '
.* 0*60' ,6' 0<+8' *90* 1' .2+60*6 2+8' *61* .* 8' .,' - ./ - 0' 1 - * + - ' J .*, ,.* 8 '
+50 :0* 6' - 2 1 +8UP' 9+ . ' .$7 " 551 ' 04' 0 1 ' - 6+8' ,+ - ' A 6, 8' 3+ 2+8' 9 .6 .'
5 .060 61 + - ' 02.6' - 14,S' *' 09 8' :0 2.' <+ . 0*6' 6' 5"0 3+0' 5 - 0' .+4 0*4+ - '
0+ - ' ,0* 02.*6 ' 04 6+ - +"6+.*60' 5"020 ' 06' ,9.6+ - ' 3+ 40 - ' .4 - 660*4+ - ' 04' - 1/ ' *'
,. ,0 0 - ' ,1*< , 0*4+ - ' ,". - 6.*60 ' 5 +40*6 1 08 ' 3+ ' .4' 05+" .0' *<+ . - ' ,. ,0 8'
9*1 - * . - ' .44 ' * ,3+0' 71*0 6+ - ' *03+0' .8' 0/ 6 - .2.*6' - 2 1 + - ' *1*' .4 - 66, ,'
, 1*60*6 ' 0+ - ' *0' 0 51* 1' 0 - 0 +*6' $1 60. ' ,+ - ' * .: 8' *' ."61' .55. + "06' +2".6.'
50 ' + 2.*' :1/ ' 3+. ' (02. 6 .*+8' .' .2 1' 5 1 - %+8' .4 :0* 06' ,1* ,+ +3+0' .4' " 6+8'
.41 ' 3+.*3+. - ' .2' * +".' 40 "040 06' * .: 8 ' 155 4.*' :0' * .* .0' +.0' 2".*4 ,*608'
:0' .2' ." 8' 40,056' . - .2.*6' * .:0 - ' 3+ 40 - ' 5 .060 :04. - ' 0 "0' ,06, + - ' 50 '
,.57. - ' 0' * .:0' 6 0 8' 71 - *0 8' 40 - 628 ' 3+ ' .4' * +". - ' +2' :0 50 . - ' .55+" %0*6 ' 06'
.4' .*, 0.*1 + - ' ,10*12 + - ' 4 :0 6 "0*6 ' 018' .+60 - ' 0 "0' (02. 6 .*+ - ' 5 + - '
7 61571 + - ' %.:1 . - ' 06' 70 + - ' , 0402.*6' %+ *' J .*, 0.* ' +6' 40 - ' :+"9 '
15 * 1* ' . 6 +0 0*6' *' .+ 0 - ' .04+"5' ,+ 3+0' 12 - + .+ . 0 ' :0* "0' 71 5 608' - .9* '
1 - * 8 ' 3+ ' ,19*1 0 ' *5" *6< 4' 018' 0/, 5 0*418 6 .9+". ' "041871"1 0 ,18 ' +50" '
"04 "0 - ' . 90*60. - ' +*4 3+0' ,1*3+ 0 0 ' <.*+.8' ,10*12 ' 1" 61' 4 " 90*6 +8' ,".+ .8'
60*0 0< 40* 3+0' 1 - * .' .,0 0 ' 3+1' + 5 , 1*0 - ' .55+" ' 09 8' .,' 1, 1 + - ' .+90 0*6 '
8' J .*, ,.*1 + - ' - 51 6+ 8' ,+ 6 ' 0' A0 + 6.0' 5.6 08' .,0 - ' 0 - 50 ' "5.* ,.0'
4 9* 6.6 8' .,'5160*6 .0' 5 15+9*.61 08' 1551*0 0*6' :06 6 ' 50 ' + 2.*' :.9. ' .,'51< 6 0 - 1'
' - 1. 60 + - ' ++ - ' ,1* ,"+ ' +*6' .0' ,+*4.' 01' 50 6 *02.*6' +6' 4+ - ' .6+.0'
5"02 8' .* - ' :.*.' 50' ".4.*6+ ' * +".* ' .' $7 " 55 ' 5. 6 2+8' ." 0*. 0*6+ ' 6.3+0' +6'
0 .' ,' 6.' - 2 1 ' 9+ . 8' R9.6 1' + 6 ' 3+14' *1*' - 04 1, 60 ' $7 " 55 ' .* - + - '
.*902.6' 3+ ' 1 +* ' 6. 4 6.60' 0 J04+ - ' 41"02.6' +6' 20""+ - ' 3+14' 71,' .**1' *' 09*1'
, 6 .' *0916 + - ' 0 0' ,1* 04+ - ' +0 .6' 40 * ,058' 0/6 .' + 6.* . *' 4+2 1' 0:0*6+' 0 '
, +40 ,, 06'

& ' !' :0' +6' 3+0 , 8' - +"61 - - ' .6 8 .,0 06' :0' .4 04.6.' <+ 8' 0:0 6.60'
9 .6 . - ' .' + 6.* 8' 5 1 - 0 0 06+ ' 06' - +' "2.* ' 71 - * 8' 2 *: ' 06' ,+<+8' 150 .'
*0,0 " 6.60516 +83+. - ' " *60' *' 71,' 20""1' + +8' +0 .6' +50 2 . - ' *1:1' +,,0 "+' 0'
,"J, 0*60 - ,1 - 5 - , 06 ' J .*,6 ,+ - ' ' & "". .9*. - ' 0*.6+8' . 60"",* 8' ,1* " . + - '
" " 51*. - ' 06' .*, 0+ - ' D%04. + - ' E."0, .0' 6 2+*." 8' . %, "2 0 - ' .4' : ".0'
0 0 , 6+ - ' - 6' 3+ ' 40' - " 6 2+8' 5 .060 ' 4 45" * . - ' " ,0*6 1 0' .4 - " 8' 3+ 0 0*6'
4' 06 ' *1*' 1"+ - ' - " 60 - ' 04' 06' 4+,08' 5 18 ' *' 3+1 + - ' ,.5+6' 7.0,' 0 ' , 0402.*6+ '
+"6 e' - 14+ - ' 0/.,0 2. 06 ' 6. - 0*' "2.*+8' 06' : ". ' 41"1 0' 5 +40*60 ' 4 6 - +".61 '
0 - ' - " 6' 6.62' 0/.9 6.*4. - ' 0" 3+0 +*6' 6.3+0' 5."" - ' 50 ' 0/0 46+ - ' 0/.+4 '
:1,08 ' *1:. - <+4"4 ' 1 - . - ' ,1* 6 6+ ' - .*' .+6' 0/, , 6+8' ,1*6 .' 4+,0 - ' 5. 608' + '
6+ .8' .+6' 71 6 7 - ' ,1*6 .' 0/0 , 6+ - ' .63+ ' *03+0' 0/0 46+ - ' ,1*6 .' 4+,0 - ' 40' 0' 20*0'
- 0 6+ - ' 06' 330 - ' - 0 61' 5. 0*6 8' "1,1' ,1".6' .+4 0*4+ - ' < 06' 71 60 8' : 418' ,1*6 .'
0/0 , 6+ - ' .4' .,,+ .*4+ - ' .4 - 66 ' 3+ 8' 0 .6N' 3+ ' ' .4 - 66+*6+ ' 0+ d<+4 4 ' 0/ 6+ - '
+6+" + - ' +6' 5 ' 4 ' 7.20.*6+ ' 0/0 , 6+8' : 41 ' 50 4+0"" 1* 8', - *0' *1606+ ' G+14'
:0 1' "2.* ' , - 0*' 0 "0N' .+6' ,* - - 50 .61 8' 4' 0 "0 ' .+6' 4+0"8 ' .6' 0* - ' - 50 . '
61 8' *+""+ - ' , - 0*' 0 0' < 3+ 550' ,+*.' 1 - * .' 0/' 4+,+ - ' ,1* " 1' 40, 06.' * 6' ' 4+48
4

% $< ' W' . ' ' ' ' ' 0, * ' ' - $ '> ' U '
* ' 80 ' ' ? * ' ' 9 $

4ˁ . 9+.6+ ˁ<. -ˁ *1:.8ˁ.ˁ<+ 8ˁ,1* +"6 8ˁ"0908ˁ5 .0 0 2 ˁ 06ˁ<+8ˁ - " 6. 0ˁ ,+ -ˁ<+ 0ˁ, : "ˁ ˁ
,1* +*40*4+ -ˁ ,"",ˁ ˁ :0 + -ˁ *1*ˁ 71,ˁ .9 ˁ *. -ˁ "2.*+ -ˁ **1 ,0*6 .ˁ +.ˁ .,ˁ - 0 6 8ˁ ' # ˁ ˁ
.6 8ˁ6+6 *ˁ N+ , ˁ - " 60 - ˁ 506 ˁ 06ˁ 1,,. 1*0 - ˁ 3+.0 ˁ 3+.ˁ 5 .0 - 2ˁ 5 1ˁ 0ˁ 20*0ˁ 90 6.ˁ
402 61ˁ .+406+ ˁ 7.8ˁ 0 0ˁ .+" ,1 - -ˁ . 608 3+ ˁ 4+ - ˁ *ˁ 5 *, 5 8ˁ ,1 - 6.6+ˁ 50 ˁ .0 6.60 - ˁ
* :, *ˁ : *1ˁ .4 - 00*6ˁ 50 ,+"+ -ˁ ." 1 + -ˁ 0/ˁ 6+61ˁ : 40*6ˁ *03+0ˁ .6 8ˁ .03+1ˁ < 4 0 1ˁ
- " 6+ - ˁ .4ˁ 4+8 ˁ : 9 " .8ˁ .0 6+ - ˁ 0/51 61 - - ˁ ".21 08.0 6 - .*6 ˁ .63+ ˁ .5+4ˁ 0 " 18ˁ
0/50*40 0ˁ 402+ 0ˁ 3+.*6ˁ - 6ˁ 0/ˁ 6." .ˁ *ˁ 5.* . -ˁ .4:0* 0*6ˁ . - 08ˁ - - 14 , ˁ
*ˁ .ˁ 06+ .ˁ , ."5 08ˁ 50 6 8ˁ *ˁ + 6.* .ˁ 06ˁ +5 .ˁ 1 - * .ˁ "2.*ˁ .401ˁ 5 8ˁ 12ˁ : 6+60 - ˁ
0/1 ˁ 0:0 .ˁ 4 45 *.ˁ 06ˁ .4ˁ 1 - *0ˁ "0: - + -ˁ 40" 4+ - ˁ 5. .6.ˁ + , . ,1* 6 60 6ˁ 3+ 2+8ˁ
0 04+ - ˁ 6ˁ +6ˁ 09*+ -ˁ + 6.* .0ˁ *6 .ˁ ˁ 4 0 + - ˁ 5.6 + - ˁ 3+. ˁ 09*+ - ˁ ,10 ˁ
"1 +* ˁ<0<+* 1ˁ 06ˁ : 6.ˁ 2+, ,0"".61ˁ 06ˁ .3+.ˁ *0ˁ - ."0 , 1ˁ 61"0 .6.ˁ : ,0 *6ˁ G+.0ˁ *ˁ *B
: 4 . -ˁ $06 ˁ E 1*ˁ %+*.,ˁ 4+, 8ˁ 06ˁ 7 61571 ˁ 1 .0ˁ <.4.2.*6+ ˁ "2.*ˁ 9"1 ˁ
.,ˁ 126 04.*6 + - ˁ 3+ ˁ 2/6 .ˁ 50 ,+".ˁ 51 6ˁ 402 6.ˁ : 6+6ˁ 20""1ˁ 0 - ˁ 90 0*6 + - ˁ 06ˁ
.*9+ * 8ˁ 5 06 1ˁ 09 .ˁ $7 " 551ˁ 3+., 0*6 + - ˁ 5 .0 - .ˁ *: 402.*6ˁ 06ˁ 50 ˁ , ."+ - * .8ˁ
2 ˁ .44 ,02.*6ˁ . - ˁ 6+*,ˁ . - .ˁ 50 , 02 +0 .6ˁ 0:1, .61ˁ A1.**0ˁ 0*41C. ˁ " *.0ˁ
4+,0 - ˁ 09*1ˁ 0.51" 6.*1ˁ 5 1 090 - ˁ 40 9*.6+ - ˁ 0 "0ˁ 06ˁ 1 . - ˁ *ˁ , . - 0 .0ˁ *12 " + +ˁ
+ 0 + - ˁ .ˁ 090ˁ ,1156.6+ - ˁ ' 3+ ˁ . - 5" - ˁ 71*1 08ˁ 1*6ˁ ,060 .8ˁ 4 9* 6.608ˁ *60 ˁ
6, .618ˁ 06ˁ 2., , ." .+ 018ˁ ,ˁ :+"91ˁ ,1* " . 18ˁ 09 18ˁ : 6. - ˁ 5., .6. - ˁ 04.*60 8ˁ :1, . ˁ
2.*6ˁ 5 06 8ˁ - " 6. 2+8ˁ : 8ˁ 4 : 4 ˁ .8ˁ *, 6.6ˁ .* - ˁ 06ˁ 04 6 1* ˁ 5 1/ - .8ˁ &1,08ˁ
*0,ˁ 1 - * *1ˁ .ˁ :0 1ˁ .2"+40*60 8ˁ 0/51 6+".6 1*08ˁ & "". 19*.ˁ 06ˁ %04."4 +85 +40*6 .ˁ 1.ˁ
,1 - 5 0 "0 +*6ˁ ' +6 3+0ˁ 0.ˁ - 140 .6 1*0ˁ + 18ˁ +6ˁ *0,ˁ $7 " 55+ - ˁ ,1* " ˁ 60 - 0 0ˁ + ˁ
,056 ˁ 06ˁ - " 60 - ˁ 3+0 - 1* .0ˁ 3+.*6+ - : 8ˁ <+ .0ˁ 510* 6+0 6

ˁ ˁ + 6.* .ˁ 616.ˁ .4ˁ 12 03+ + - ˁ 04.4. ˁ ,+ - ˁ ,15 .0ˁ 0/ˁ 0"9 1ˁ 06ˁ 6." .ˁ .*60ˁ
0 - ˁ ,1* 04. - ˁ 0:1, .6.0ˁ 0 +8ˁ .4:0* %0*6ˁ 1, , . 1*0 - ˁ ,050 +*6ˁ 51*6 , ˁ - * 6 ˁ
+6ˁ ,+ - ˁ $7 " 551ˁ .90 0*6ˁ 40ˁ 20""1ˁ *ˁ 6.** . - ˁ 6 .*8 0 0*41ˁ ' 3+14ˁ 9" ˁ 0/+"08ˁ
- . / - 0ˁ + 902.*6ˁ *ˁ 4ˁ 51*6 0/ˁ 670 .+ 28ˁ 0, ,"0 .0ˁ 8ˁ +, .6. . ˁ 3+. - ˁ :1, .*6ˁ
+.3+0ˁ ,6ˁ . 0*.ˁ 51"" ,02.6+ ˁ ' 06ˁ *ˁ 5 - 8ˁ 40, 08ˁ ,0*6 08ˁ - "" .ˁ .+ 01 + - ˁ 0 - + + - ˁ
51*402.6ˁ 3+.0ˁ 0/ˁ . ,7 05 015.6+ˁ ˁ A1"06.*1 ˁ 50*40*60ˁ . 671"1 - .0 ˁ U . .* .0ˁ
12ˁ , - 0*ˁ ,4. 6 - ˁ 51""+".6ˁ " 60 ˁ 3+.0 6.ˁ 2 ˁ 4020 ˁ ,1*60*402.6ˁ &0 + - ˁ 5 +40* ˁ
6 "" - +8ˁ 5 *,058ˁ 3+ ˁ 40ˁ +1ˁ * "". 9 ˁ 51*6 00 - ˁ : 40 06ˁ 06ˁ *ˁ + 6.* .ˁ *+50 ˁ 5. 6.ˁ
*1*ˁ .6 8ˁ .47+,ˁ 20*0ˁ ,1* - .6+8ˁ 71,ˁ 0 6ˁ *ˁ +1ˁ 1, ,+5.6+8ˁ *ˁ ." 0*1ˁ 60 - 0 0ˁ 70" + - ˁ
1 0 50 0ˁ 2.+4ˁ ,1* +"6 - ˁ 0/ 6 - . ,6ˁ 0ˁ 0/ ,+ . : 6ˁ 06ˁ 6."18ˁ 3+1 + - ˁ .4ˁ 5 .0 0*8ˁ
150 .ˁ - * - 0ˁ *4 902.6ˁ 50 1"+6.ˁ 6 50*4 1 . - ˁ 5. 60ˁ 4 - 6ˁ *,71.6+ - ˁ +0 .6ˁ
+50 1 ,ˁ .**1ˁ 20""+ - ˁ *ˁ 20 * .ˁ 04ˁ * 0" , ˁ +, ,0 ")ˁ .51*6 ,0ˁ , .56+ - ˁ .*60ˁ ,1* ˁ
ˁ " + - ˁ 5, ,3+0*6, ˁ (3+ 40 - ˁ 0140 - ˁ 3+1ˁ * 0" , 60 ˁ *ˁ , .ˁ 5+9*.6+ - ˁ + 6ˁ .**1 ˁ
,+ - ˁ ,15 .0ˁ 6."1 - - ˁ .4ˁ 20""+ - ˁ ,1*6 .ˁ " 12067. - ˁ *9"1 + - ˁ 09 *. - ˁ .ˁ 51*6 ,0ˁ
,1*4+4.0 ˁ 4+41 0ˁ %71 - .ˁ ˁ (6+,"0 1ˁ . . ," 1*0ˁ *9"1 ˁ 8 " 51*. - ˁ .55+" "0*6
(02. 6 .*+8ˁ 0+ˁ : ˁ 0+ˁ 5 0, 2+8ˁ 6.*6 50 ˁ 0.8ˁ 4 6 *+ 6ˁ 4+ - ˁ 0/504 6 *0 - ˁ + 1056. .ˁ
,1* 0, ""06ˁ ,+6ˁ +5 .ˁ 40 - 1* 6 .: - +8ˁ $1 60.ˁ 40 40 .61ˁ *ˁ 0.ˁ 6 .90ˁ - . ,7 1*0
6." 8ˁ 6. - ,*ˁ 0 0ˁ 50 ,+"1ˁ 0".5 8ˁ 2ˁ 1 - * 8ˁ .4ˁ (02. 6 .*+ - ˁ ˁ (. - 1 057+ - 0/0 , 6+8ˁ
,+ .61 0 - ˁ 04 0 .6ˁ 3+ ˁ 0ˁ - " 6. 8ˁ 9*. +8ˁ 06ˁ 6.*61ˁ 2*0 ˁ - 5. ˁ 6. - 0*ˁ . - 2 6 1 1ˁ 0 ˁ
0/504 6 1*dˁ 5 .0 , ˁ . 604.: 6ˁ ' 43+0ˁ .ˁ 51*6 ,0ˁ . , "0 ˁ 3+ ˁ ,35 .8ˁ "".8ˁ 4 " 5.6.8ˁ 5+ ˁ
6. 06ˁ - 506 .: 6ˁ 3+ ˁ 06ˁ ,+ - ˁ 1 .61 0ˁ $7 55 ,1ˁ ,9 6ˁ +6ˁ 155"0 - 0*65ˁ ." 3+1 5. ˁ
*1 + - ˁ <+:. 06+ ˁ (04ˁ *ˁ .55. .6+ˁ 616+8ˁ .**+8ˁ 03+0*8ˁ * 1 - 56+8ˁ 0 6ˁ **.6.ˁ 5. ˁ
*1 + - ˁ 6. 4 6.60ˁ 06ˁ $7 " 551ˁ <. - ˁ 6+ *ˁ 20""1ˁ + 6.*1 *60*61 ˁ %.*40 - ˁ . , ,056 8ˁ : ˁ
0/ˁ .*6.2 , .ˁ , 1*0ˁ ,171 6 2+8ˁ *1*ˁ 5 66(ˁ - 0* 0ˁ (0560 - 2 ˁ 71 ,ˁ .**2ˁ 1 : 6ˁ < 2 #
51*6 , 8ˁ .+ 5 , 8ˁ ,+<+8ˁ * 9* .ˁ *:0/ ""1ˁ 5 .0 0 02.6ˁ *: 20 * . - ˁ .`55+"6ˁ .4
1 6 + -

ʻ 1 6 + - ʻ.ʻV ʻ(7.*1* ʻ -ʻ < .ʻ - . / . 616.ʻ * +". "+: ʻ K` - 1, , . . - ʻ :0 +8ʻ 6, *40*8
' 8 / ;ʻ ʻ *ʻ 1,0.*+ - ʻ ʻ * .ʻ, - ,+ - ʻ 5166+* ʻ 0/1*0 .6+ ʻ (508ʻ . 6.ʻ +, .6 .ʻ 4;5 6C ʻ
/ 1 1ʻ *1:1ʻ,ʻ .90* .0ʻ - . ,7 1*0 ʻ 06ʻ .ʻA.,121ʻ ʻE ."4 *1ʻ * +".0H 9+"1 ʻ 3Qʻ
6 .9 ʻ 6 ,.*.,ʻ +50 +0 .6ʻ0/504 6 1* 8ʻ 7+<+8ʻ .+ 61 2+8 ʻ *+" .,ʻ,15 .0ʻ.+/ " . ,8ʻ
* 20 * .ʻ,1 - 5. + " 0*6ʻ5 16 *+8ʻ515+". 0 8ʻ *ʻ1, , 40*6."0ʻ5. 6 ʻ+2 ʻ 0 0ʻ - . 1 + - ʻ
., 8ʻ.44 6ʻ +*6ʻ3+ 550ʻ.ʻ 6.** .ʻ 0 - 16 1 08ʻ. * .ʻ + - 56+ 18ʻ' 43+0ʻ(0 *1* .,ʻ
,1 - 08ʻ * - .2.6ʻ D(04 ʻ - . ,7 1*0ʻ - 0 .2 " ʻ ,. +ʻ1, , 2 ʻ 06ʻE+ ʻ?? + 1ʻ 5 1 ʻ
090ʻ0140 - ʻ 0 0ʻ606*51 0ʻ - 1 2 ʻ: ʻ0/6 * 61 ʻ #$0"7. - +8 ʻ + - - .0ʻ 0 - - ʻ .2ʻ *"+".0ʻ
* " . 8ʻ5 .051 6+8 ʻ 0 - ʻ - " 6. 0 - ʻ ,+ - ʻ - 1*4 .0ʻ ,1 - 60ʻ .4 - * 6 .2.6ʻ 8ʻ
,) - ʻ 0 - 1* + - ʻ40*+1ʻ1 , ʻ .4 - 1*0 06 ʻ06ʻ 6ʻ .6 08ʻ40 0 0 06ʻ.+6ʻ.4ʻ1 , + - ʻ,1 ʻ
96 06ʻ71 6. 06+ ʻ "" ʻ,1 - - +* ʻ 0 51* 1ʻ.50 60ʻ40,". .*6ʻ .671" , .0ʻ 0ʻ 40 ʻ 5.6 1 ʻ
, * + - ʻ + ,05 0ʻ 43+0ʻ51*6 , 8ʻ 1 - .*.0ʻ.+41 6.60ʻ06ʻ .671" , ʻ 09 8ʻ .+ 5 , 8ʻ
5 + - 3+0ʻ5 1 *40ʻ$0"7. - +4 ʻ : , .ʻ - 1*0*6 ʻ +6ʻ *ʻ , .+ .ʻ6. - ʻ5 . ʻ 06ʻ3+ .0ʻ ,+*4" 8ʻ
." 8ʻ5 .0:0 6, 0ʻ402, .6ʻ 5 8ʻ 0ʻ 1, + - ʻ .4<+*90 06 ʻ 4ʻ +.: 60 ʻ 40*8ʻ $0"7. - +8ʻ *ʻ
ʻ 1 - * . - ʻ *0ʻ - 4 .ʻ40 00*4 6ʻ ʻ *12 0 3+0ʻ ,1*:1, .618ʻ .5+4ʻ 0ʻ406 *06 ʻ *0,ʻ 4 ʻ
- 66 6 ʻ * ʻ 12 4 2+8ʻ4.6 8ʻ 0,+ .ʻ 06ʻ ,+ - ʻ - 1*4 1ʻ 4. - ʻ ,1*6 .ʻ 020""0 8ʻ150 . - ʻ
*.:.6+ 18ʻ (0,+*4+ - ʻ7.0,V /*.Z+8 09+"+8ʻ.4ʻ404 6 1*0 - ,1 - 5+" +8 ʻ , * .4ʻ
U . 91 J1 "+ - ʻ5 1 - 16.ʻ, . 6 .ʻ 3+14ʻA+" +8ʻ 6."+8ʻ ,+ - ʻ 5.+, 8ʻ 5. * 8ʻ40 0*402.6ʻ<
3+ ʻ"1, ʻ6. - ʻ402 " 8ʻ3+14ʻ - 10* .ʻ5+" . ʻ5."%+80 06ʻ - . ,0 0ʻ: ʻ - .<1 + - ʻ6 1 - 0*61 ʻ
+ - ʻ40<0 6. ʻ 06ʻ "1,1ʻ - 506+ʻ, .561 ʻ ,+ - ʻ5 .0 4 . 8ʻ3+ ʻ0ʻ, .040ʻ +50 +0 .*6ʻ *ʻ + ʻ
, . - ʻ . 6 0ʻ 0 6ʻ *40ʻ - 06+ʻ *<0 61 ʻ]ʻ ."" "197+ - ʻ .4ʻ5 - + - ʻ *9"1 + - ʻ .4:0*6+ - ʻ.ʻ
40 0* 1 2+8ʻ40 0 6+ - ʻ06ʻ *,0* + - ʻ 8R0660* 1ʻ.ʻ 0 - 1* . * 8ʻ 0" 61ʻ$06 +8ʻ . ʻ
0Z+8ʻ06ʻE01 9 +8ʻ0<+8ʻ .60 ʻ,+ - ʻ *1:1ʻ *9"1 + - ʻ5 .0 4 1ʻ - 51 6 ʻ 140 - ʻ +, ʻ
,0 6 ʻ# 4., +"0 ʻ60 61 - ʻ:. 6.6+ ʻ 06ʻ *40ʻ50 ʻ+" 9 *1 + - ʻ - 1*60 - ʻ ,+ ʻ ʻ("0+ ʻ
"+970 1ʻ *1 - 0* ʻ $0"7. - +8ʻ *ʻ S . - ʻ *9 04 6+ ʻ - .9*13+0ʻ50,1 + - ʻ .2.41ʻ *+ ʻ
- 0 1 ʻ5"0 1 3+0ʻ0/ʻ 020"" 2+8ʻ50 - 6ʻ :0 .ʻ5. 60ʻA.,12+8ʻ 0 1* ʻ ,1 - 6 8ʻ .60 ʻ
50 ʻIʻ +8R0 1 . - ʻ60 61 + - ʻ 3+14ʻ 0 - 1* 8ʻ0/ʻ "090ʻ .40 - 56+ - ʻU 1 - . ,1ʻ . , ʻ
% 91 ʻ+6ʻ20*040ʻ5.6 .ʻ,1*6 .ʻ 020""0 8ʻ - 0 62 ʻ .66 2+0 .6ʻ$0"7. - +8 ʻ5 .04.8ʻ .9 6ʻ<
4+ - 3+0ʻ" ,0*6 1 +8ʻ0:.9.6+ ʻ *ʻZʻ$1*0""+ - ʻ 1 - . , ʻ .6 0 - ʻ *, 4 6ʻ.4ʻ5 .04. - ʻ 0 ʻ
, 50 .6<4. - ʻ:07 0760 - ʻ .ʻ3+1ʻ06ʻ"067." 60 ʻ .+, .6+8ʻ51 6 0* 1ʻ, .5 6+ ʻ 06ʻ? h . 7. - 1ʻ
.ʻ (.*41ʻ 01409. 1ʻ 1 - 1* .0ʻ6 2+*1ʻ06ʻh ."6, 1ʻ;ʻ ."0 971ʻ6 .4 6+ ʻ "" ʻ:0 1ʻ
, .56 :+ - ʻ *ʻ<+R:1, .*6 ʻ06ʻ".0 . ʻ - .<0 6.6 8ʻ50 .4+ - ʻ 0+ - ʻ " 55" , 1ʻ. 4+*6 ʻ, .5 60ʻ
.4ʻCʻ 1 , .9 ʻ51 (.*.ʻ .4ʻ 504. ,+"+ - ʻ0/51 663 ʻ %16ʻ.4:0 8ʻ, . 2+8ʻ,1* " 4.6+8ʻ ,1 - 08ʻ
.60 ʻ 3, .ʻ +2 *40ʻ - +6.*8*0, .50 06+ ʻ6.*40 - ʻ + /1 0 - ʻ .4ʻ$0"7. - + - ʻ :0* .0ʻ - ʻ
5"1 .*4.0ʻ - 66 6kʻ 06,+ - . . h *60 1 ʻ 3+ ʻ ,+ - ʻ,". 0ʻ *ʻ 5 1/ - 1ʻ 5. *18ʻ :0*6+ 18ʻ
5 , 2 6+ +8ʻ 6.2.6ʻ09 6 ʻ+6ʻ 0ʻ *ʻ *9" . - ʻ.4ʻ 09 *. - ʻ +55" ,0 - ʻ6 .*"51 6. 06ʻ (+2ʻ
4ʻ 6+ 8ʻ2 E 0 +8ʻ5 1 0/ʻ.2ʻ " .2067.ʻ4404+8ʻ:0* 6ʻ 3+14ʻ+2 ʻ 0 4: 6ʻ$0"7. - +8 ʻ
6 .4 61ʻE01 9 1ʻ + ,70 10/0 46+ ʻ - 24 48ʻ6 *0 2+8ʻ.4ʻ ."+6.*4+ - ʻ0+ - ʻ +2" ʻ
" + - ʻ 5 1 , 0 6) ʻ 2 ʻ 0/ʻ ,1 - - +* ʻ ,1* " 1ʻ5 1 0/ ʻ +6ʻ *ʻ * +".0ʻ *9 0)ʻ . - .,ʻ
* 6. 0 ʻ 5 + 3+. - ʻ 9".4 + - ʻ 06ʻ - 50 ʻ * 9* .ʻ , .50 ,6ʻ ,19* 61ʻ3+1 4. - ʻ 4+4+ʻ
ʻ [ʻ J 6C + 6.6

ʻ % ʻ Vʻ (+*.0ʻ - . / - ʻ @ʻ

D'<+ / 6.ʻ2 - 2 . . *ʻ ?
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ʻ (,161ʻ 3+ ʻ 68.9ʻ
ʻ ʻB ʻ *. ʻ ʻ0ʻ' ʻ ʻ 0 ʻ (04 0 - .ʻ 0:
5.6 .ʻ<. - ʻ 6* +.ʻE . *8ʻ.2 " .2067.ʻ - " +8ʻ +ʻ
0 .6ʻ * +".0ʻ 9+20 *.61 ʻ * 6 1ʻ ,+ - ʻ6.*6+ - ʻ, 1ʻ
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12 ,')'! 31ʻ +")'9 &"('>!6ʻ &3=2= ʻ 1!6< !&"3ʻ" =30
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'>! 3'9>'+G! '=5 C2!=21 ʻ>'+G(!+&! 3 " %!+3G?29')3=0
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8 4 ʻ+' ʻ 2ʻN 0ʻ / 5 ʻ 5 ʻ> # $ʻ 25 ʻ >
1 ' ʻ ʻ 0ʻ /> ' ʻ) ʻ ʻ 5 A Uʻ > 0'
bʻ% ' ʻ \ʻ $ ʻ Uʻ :ʻ . 0ʻ ʻ+ U ' ʻ $ 0ʻ .ʻ
' ʻ B ʻ 3 ʻ > ' ʻ+/ ʻ5 ʻ D. ʻ ʻ 0ʻ" ' ʻ
$ʻ ' ʻ, 0ʻ ʻR ʻ ʻ # " !#ʻ % . ʻ 44 ' ʻ ?

#J 6C + 6.6 ʻ ,6ʻ $7019 ., +97ʻ *+-0 1 .0ʻ 2 *1 +-ʻ .- " .0ʻ 5 *, 5 8ʻ .4ʻ
5 .04. -ʻ 0/,+ 0 0ʻ 0650 +9 +- .4 PE". *4 "197. - //:. +2" * 1ʻ - "" . ʻ.+ 6 +-ʻ ' # ʻ
:0 +8ʻ 7.20 0ʻ 01ʻ ,+ - 12: 8ʻ .4ʻ ,ʻ :0. 0*6 2+8ʻ 60*4 6ʻ $. ,41*08 ,19* 61ʻ 0<+8ʻ .4
:0*6+ʻ 5.". *608ʻ .4ʻ ".602 .8ʻ +.8ʻ ,1* +90 .*6ʻ .ʻ :." 8ʻ 0 6ʻ 9 . - *1 .ʻ 06ʻ .9 *.*4 8
5002 2+8ʻ - . / - 0ʻ 41*0.ʻ - .9*. - 3+0ʻ 5. 60 -ʻ *6+8ʻ +2+: 4.ʻ . / 1 .ʻ 40ʻ , ,60 1ʻ , 0
5 4 *0ʻ .,ʻ 40," : ʻ 5 .0, 5 6 1ʻ . 21 2+ 3+0ʻ 06ʻ . 2+ 6 8ʻ 40* 8ʻ " *4 3.0ʻ , ,+ - 6.
: /ʻ * ,1" 8ʻ .4ʻ 0. *ʻ 6 . - 6 2+8ʻ 50 : 8ʻ .+6ʻ ,19* 6 8ʻ + - ʻ .4ʻ "1,+ -ʻ :0*6+ -ʻ 0 6ʻ ʻ 1
20 +8ʻ 20 *1 + -ʻ 504 6+ - ʻ 3+18ʻ S0 *08ʻ :1, .*6ʻ 0/504 61 + -ʻ 4+41 ʻ 3+.*&ʻ 50 ,+
"1 ʻ 0 -ʻ +, ,0 6+8ʻ .99 04 .6+ʻ 2, 18ʻ - 1*06ʻ *, , 0, +8ʻ .+40*4+ -ʻ .6+8ʻ 5 0ʻ ,+ -
+ 8 %+ 6ʻ ,060 8ʻ +2 03+ʻ <+"" 8ʻ + -ʻ <. -ʻ *ʻ :."" 0 -ʻ 50*06 . "06ʻ 0/ʻ . 2+ 6 8ʻ 71
0*4.ʻ 9". *4 + -ʻ 60 - 50 6.60ʻ +*4 3+0ʻ 4 0+ - +*4 6+ ʻ 71 60ʻ *1*ʻ : 1 ʻ 5. 8ʻ - . / - .ʻ ,0
, 4 6ʻ 5. 8ʻ 50ʻ , 05 4 *08ʻ - 504 6 - 8ʻ : 8ʻ 0"+4.6ʻ .4ʻ 5 1 090 -ʻ 0:. 0 +*6ʻ 3+ʻ *
,1""0 1551 61ʻ 0:0*6+ -ʻ 1550 02.6+ʻ ,+ -ʻ ʻ S "4. .0ʻ ,1 - 60ʻ 06ʻ A. ,121ʻ ʻ h *9 0 4 1
61 - 0*61 + -ʻ 5 .0 041ʻ 3+ *1*ʻ 9*. +8ʻ 50 ,+"ʻ E01 9 + -ʻ . 0Z .ʻ ."60 . -ʻ *0
5160 -ʻ 50*08ʻ 0ʻ 06 *+0 .6ʻ *: 6+ - ʻ .4ʻ - .<1 08ʻ 51 60.ʻ 71*1 08ʻ 0 0 :.6+ - ʻ *. -
$06 +8ʻ <+* 1ʻ .60 ʻ E01 9 +8ʻ $ʻ 1 .8ʻ +4"4+8ʻ 06ʻ 1820 +8ʻ 5 0ʻ *ʻ "" 8ʻ .*
9+ 6 8ʻ 40 40 .6ʻ +*6ʻ (+2ʻ 4ʻ 40ʻ (.*<1 057ʻ *ʻ * +". -ʻ .4:0*6+ʻ .4ʻ 5 1 090 -ʻ ."".6+ -
3+.ʻ ,ʻ *1*ʻ - 04 1, 0 -ʻ 0+ʻ *09" 9, *6 .0ʻ 0+ʻ 4 - +".6 1* 8ʻ 7: 4 . -ʻ + 6 *+ 6ʻ h *?
60 +8ʻ 3+ʻ .4ʻ 5 17 20*4. -ʻ 5.*1 + -ʻ 0/ 00* 1*0 -ʻ ,+ -ʻ ,". "0ʻ 40 6 *.6+8ʻ .03+
" 14 1ʻ 5 .060 61ʻ 60 - 51 +8ʻ *ʻ *9" . -ʻ 6 .* - 0 .6ʻ - 1*4 +8ʻ .4+6+ -ʻ 01
- " 8ʻ 3+ʻ - +* 6 1*0 -ʻ 0,0*8ʻ ,1056. -ʻ 4 6+ 2.: 6ʻ ,6(.*<1 057 .*18.4 ?E".* *
90"" . -ʻ :.""0 -ʻ 40 "040*60 8ʻ *.4+8ʻ 0/ʻ 8ʻ ." 3+18ʻ ,044 6ʻ ." 18ʻ ,05 6ʻ < 0/ʻ 3+1 + - .*?
0 " 1* 2+8ʻ ,19* 6+ -ʻ "056 *90*618ʻ *ʻ * +". -ʻ 40 00*4 "0ʻ . ..ʻ :0 1ʻ 3+.0ʻ :ʻ , 1
+ ,0 0*6ʻ 0, + -ʻ .66+" " 0ʻ <ʻ 5"+ 08ʻ 0/ʻ 5.* .ʻ 5 1504 0 -ʻ &0*6+ 18ʻ ' 51*6 ,0 -ʻ 06
$7 " 55+ -ʻ ,1* 6 6+ " 0ʻ *9"18ʻ 0/ʻ 20 * .ʻ 406+ 2. 0< *ʻ 4ʻ 9 .*40 -ʻ 50,+* . -ʻ -
6"%0ʻ .ʻ (.*40 1ʻ 51*6 , 8ʻ "09.61ʻ *ʻ 0 - 1* .0ʻ ,1 - 6 8ʻ 06ʻ A1. ** 8ʻ 0<+8ʻ .6 8 - . *+8
6 .4 6. -ʻ "" ʻ 3+1ʻ 60*40 0*6ʻ 9*. ʻ 6.*40 -ʻ 50ʻ 60*02 .8ʻ .4ʻ - +* 6 1*0 -ʻ +50 1 0
.**1ʻ .ʻ J 6C - 1 1ʻ ,1056. *ʻ 0504. +*6#ʻ .ʻ 66+ʻ ^ - .ʻ 06ʻ 5 15+9*. ,+" 8ʻ ,1*:0
* 0*6, ʻ 4 6 *4.ʻ 0 6 *.6 8ʻ 150 2+8ʻ <. -ʻ .4ʻ . -ʻ ."6 6+4 *0 -ʻ 50 4+4.ʻ 0 .6ʻ +6ʻ ,1*6 .
- .9*.8ʻ : 0 8ʻ 40 0*4ʻ 51" 06ʻ , ,056+8ʻ .ʻ 5 .0 4 . 8ʻ (.*<1 057+8ʻ "1, + -ʻ 6+0*4+ -
+ 005ʻ 6ʻ - 1*4 +8ʻ +9 0*60 8ʻ 0, +6+8ʻ , . 6 .ʻ 0 ,+ -ʻ 51*Rʻ "04ʻ .ʻ 02+8ʻ .4ʻ 15
5+9*.6 1*0 -ʻ *0,0"%. 8ʻ - 5. .6+8ʻ 5 1 09 8ʻ .4:0*6+ -ʻ 0/ 504. 0ʻ 6.6+ 6ʻ ""0ʻ :ʻ 1*
1: ʻ , + -ʻ ʻ =1+,7.01ʻ ."0 972 0* 1ʻ ., Z1 671ʻ ,7 .1ʻ ." 8ʻ - " 6+ -ʻ 4+41ʻ
2+8ʻ *ʻ , . 6 .ʻ :0* 6ʻ - 623+0ʻ *6 .ʻ - +* - 0*6+ -ʻ 6+2 , *0ʻ 50 ,+*4.6+ ʻ 3+ 4 "" 8ʻ
*ʻ 20 * .ʻ 0 ʻ 3+ *. -ʻ 018ʻ - 0 *6ʻ ,+ʻ "1, + -ʻ *ʻ " .2067.0ʻ 09*1ʻ - +* 0*6ʻ <
- +"3+0ʻ - 50 .6ʻ +6ʻ *40ʻ 3+. -ʻ 5 - + -ʻ .2 ,04.*6ʻ 4ʻ 4ʻ .2ʻ 12 0" 8ʻ 0 51* + - k
." 18ʻ .ʻ .*4 "" - 1ʻ 5.6 0ʻ ." 18ʻ .ʻ .671" ,1ʻ 090ʻ - " 1Hʻ ,+ʻ 20 * . -ʻ 51 6 0/ʻ 41ʻ
*. :0*6ʻ " .2067.ʻ 3+ 550ʻ 12ʻ 7.0 0 -ʻ 5+2" ,0ʻ 4. - *.6.ʻ 06ʻ 1 - * ʻ 3+14ʻ *ʻ 20 * .ʻ
7.20 0.6ʻ <+ 0ʻ 5 :.6.ʻ 6.3+0ʻ ,0 6+ -ʻ 2ʻ 0 "0ʻ 3+14ʻ 60*0*6ʻ <+ 60ʻ . - 8ʻ 6+0 ʻ 06ʻ 6ʻ
51 *6ʻ 5"+ .ʻ 3+.0 0 0ʻ + -ʻ *ʻ 01ʻ 6 *6ʻ h *60 +8ʻ 0/ʻ *9" .ʻ 0;0 6 6+ʻ + -ʻ 5+":, 0ʻ
- . ,7 * 8ʻ 06ʻ *1:1ʻ - " 6+ -ʻ +55"0 - 0*61ʻ 0/ʻ ,+<+8ʻ ,1* " 1ʻ 5 1 0/ʻ :.""+ -ʻ 0/6, - 5"1ʻ
4+, 6ʻ 6+ *ʻ 50ʻ ,".""". 18ʻ ,1"+2 *.0*140ʻ ,1*, +2 .ʻ .990 050ʻ " 65850 1 2ʻ 04+4.0
W6ʻ "1, 8ʻ 41*0 8ʻ 4 "51 66.0ʻ ʻ - " 608ʻ 6 40 -ʻ 0/ʻ ." .ʻ 5. 60ʻ - + ." .ʻ 61 - 0*6.ʻ " 2 .*6ʻ
0 +5601*0ʻ 0 - 0ʻ .63+0ʻ 60 + -ʻ .2ʻ 5.* 8ʻ ,+ -ʻ 4. - *1ʻ +1ʻ .4.ʻ *03+0ʻ 0/ʻ *9" 8ʻ ʻ
40 40 .61ʻ 5 .060ʻ A1. **0 *ʻ Vʻ 70, + -ʻ 1 - .ʻ 06ʻ : 6+60ʻ 5 .0 6. *60 -ʻ <+:0*0 -
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&ʻ ʻ ʻ ʻ ʻ ʻ %ʻ E". - <*90"" . .ʻ ʻ ʻ 4ʻ D=1,7.01ʻ .+"0 1ʻ 0*0 1ʻ Hʻ ʻ 4? 4ʻ E0*ʻ
4ʻ E0*ʻ T_i

ʻ %ʻ ʻ $ʻ ʻ V> G ʻ N8ʻ 4 . B ʻ ʻ $ʻ % $ʻ ʻ , ʻ + / 2 2
N ʻ R ʻ ʻ / 0ʻ ʻ /) ʻ , 0 " '
& ((ʻ - 56. ' 2ʻ 5' ;ʻ ;ʻ +' 6 ›

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X 6*' .*6 3+.0' 0" 9 1* 8' ,+<+8' *60 4 4. -' " 20 6.60 - ' - 5.6 0*6 - 0' 0 02.*6'
+4 1' 5. 6 - ' *9"1 - - ' 54 1' 3+' 018' 6.*3+. - ' - 0 0' 20 * ,18' 5 .0 04+ 8' .,' , 69Y*
9 6 .6 2+8' ,1*6 .' ,9 8' ".6.0' 0*60*6 . - ' 0/,"+402.*6' 40' 5 1 090' 6+ *' . - " .' 6 +4'
4.*41' . ,0' *2" * 0* ' *' 3+.' 616+8' 20"" ' .55. .6+8' . "0 :.2.6+ ' *60 , 5 0*4.' 0
*9 8' .4' *60 *0, 1*0 - ' 40"0*4 8' 4. - ' ,1* " + - ' * 0' . 9+02.*6+ ' ' 0/' 3+0' *1'
- * .6 " - +8' + 6' A1 # 190*6+8' J 4' 2. 1' .0 - +"1 + - ' ." 8' , - * .6 1* 2+8' +6'
20 * ' 50 7 20*6' , ,+ - :0*6+8' 6 +8' ,+ - ' 6 %+ "1971' 0 * 971' .4+ - ' 3+' 6+'
- +"6+ - ' ,) "61* .' 0/46.""0' 4 ,02.6+ ' . - ' 8' *' 9 .6 . - ' 0,056+8' 06' 0<+80/'
0 - 5"1' ' * ' 1 ' 06' .:0*.97' *' .90* .' 020" .*608' 12 4 2+8' 4.6 8' 5.,0*'
+55"",08' 506 0 +*6' ?

5 ' (,16 .' 06' ".21 .6+ - ' + 6' +2' .4 1' *9" ,.*.' *1*' - 04 1, 60' * .4.
' *:."0 ,0*60' .5+4' 09, - ' 5+0 ' + - ' *1:' 0: * .0' 4+48' 9 .6 .' ,+' ,+ - ' A.,12+8' ' (6.. 6+8'
0/' 8' ,7 "6 .0.' . - " .' .64" 6 ' 5 .0 04+8' 0' 1551*0 06' 0/' 3+' 06' 7+ ,' 20*0' :0""06'
,1 - 51 6 8' 4 "4 8' . - , 6 . - ' *60 ' 018' . , : 6' 6.3+0' .4;0 .0' .4 1* 8' 5 1,0 08'
3+' .2' +6 13+0' 2' - 06+02.*6' .5+4' " .2067. - ' * 6.*6' 5. 608' +.8' *60 51*0 06' 06'
5+5 ""+ - ' 5 *, 50 - ' ,19*.6 1*0' 2' 5 1/ - + - ' *' 60 - 51 0' 50 ,+"' .4 .1*0 06'
3+14' 5 15,* 1 0' + 0: * + - ' 20*0:1"0*6 .' 0' 0" 9 1*0 - ' .,' 09*+ - ' 5 .0, 5 6.6+ - '
2.6' " + - ' .' E+ .* 8' + - - "+ - ' +6' 0" 9 1*0 - ' ".20 .406' 09 *.0' - .6 8' " 20 B
6.60 - ' 5 1,+ 06' 06' ,1*,1 4 . - ' *60 ' +6 + - 3+0' 09*+ - ' 4 "%1, 06' " + - ' :0* 0' +6'
(,1618' *9 8' . - ,18' 155 - .6' 0/,+ 1*08' *' " - 60' 1:0.6' 06' 090 - ' .4' *+56 .8' *'
E."" .' :0"' ." 2' ,". - ' " .2067.' ,1*6 .70*4.8' *4+, .6' 3+ 2+8' ""0' 06+8' *0916 + .'
*9" .0' ." 3+.*41' .,0 .6' 06' .,,04,*60' .06.60' 09*' *9" .0' 6 6+"18' +6' 1" - ' - .60 '
2' . "+ - .6' 3+14' ' .,, 4.6' - .<+8' .2' 01' 3+. - ' .' - .6 0' 5, ,+"+ - ' - - *0 0' 3+ 550'
3+' .4' ,0 6. - ' +6 + 3+0' 09*' 50 - ' *.6+8' 5"+ 08' 2' ,1*4" .6+ +8' 6' .+61 08' 06' (,1618'
. - 8' 41 - 0 6 , 8' 06' 0"9 , 8' **+6 618' .4' - " 6. .' - +* .' <. - ' 7.2, .6' 0/0 , 6.6 1 08'
+, . ' ." + + - ' .2' 01' .,,0 66+ - ' +6' 1 61* 1' 50 ,+"+ - ', 006' *. - ' ." + + - '
;*9 .57. - ' *0 , 1' 3+. - ' 7.20 0' 3+.' 1 61* + - ' 09 , 4 ' ,1*: *, ' 51" 0' 50 .6+ '
0,' ." 1' ,1 " 1 6.**24+*' 5 .0 04+ . - ' " + - ' 126 *+ " 0' 3+. - ' .4' ,15 .8' 0/'
60 *.8' *' 6.** . - ' .,45 0*4.8' .+6' 090 - ' 0' (,16 .' *' E."" . - ' 6 .* - 660*4+ - ' '
09' " + - ' 3+16 4 0' 50' . 0*6.6 1*08' * + + . 0' +6' 09*+ - ' 3+1' ,1*6 .' <+8' .,' 50 - 1'
0/0 - 5"1' .' +24 6 8' 5. 0*8' 0<+8' + 6' 51" .6.' - .6 ' ,04.6' 40' .,,056. ' +6' ""+4' .' - .6 0'
- 1 - 0*61' "09 6 - .' .24 ,.6 1*0' 0, 5 .6' 4' 0* - ' +6+ + - ' +6', 6 .' ,1* 1:0 . - '
09*1' 516 6+8' 0/6 *4 8' .4 1* 2+8' 0/' "09 6 - +8' .2' 1 - * 2+8' .9*1 , .6+ ' 6.3+0'
,1* +"6+ - ' : 40 ' +6' 0: * ' 9 .6 .' 06' .+41 6.8' .5+4' 0+ - ' * *9.6+ ' 5 0' :061' *0'
+).' - 1 .' 6161' 09*1' 0/6+ 2,6+ ' 8' .6 1* 2+8' 50 +. .' " .2067.' 120 6+ .' ? 1'
: + - ' 0 : ,0* 8' 5 ., 4 ' 3+.0 61 0 - ' 5 16 *+8' *' (,16 . - ' - 66 6' ,) - ' . - 5" - 8'
- .*4.6 8' +6' 0: * + - ' .5+4' 090 - ' .,,+ . 06' .61' 0*.6+' ,+ - ' 0: * + - ' *' 3+0 - '
4 4+ +8' 0 .6' 0/,"+4' 5060 0 ' - * - 0' .+4 6+8' 0 6' 3+ 550' *1:+ - ' 06' *.+4 6+ - ' : B
40 ' +6' 09 8' ,1* " . +8' *4 4.' ,.+ .' .' ,1*, " 1' 0/,"+4.6+ ' A.4.6+ - ' * +53' *' " .'
.+".' 7.8' 0" 0' - ."0:1"1 + - ' . 608' *03+0' 4 0 60' 71,' .2' " .2067.' "09.61' +1' 5 .0'
,056+ - ' 3+ ' 41,+ - 0*6.' 0 ' 40' 0' 0/7 20 0' <+ +8' 0.' * ' 09' .+6' +* ' 06' ."60 ' 0/7 20 0'
0,+ .: 6' + - ' *1*' .+4 06+ ' *0,' 15 *.*6' 09' :."0' 4 / 6' - +"6+ *' ,1*3+0 6+8' 3+14'
."+6. .' ,9 7.0' 20*0' - 0 6.0' - 1* 6.' 0 0*6' 0<04.' 0 ,+" ' 3+' , ,.' 066' 0 .*6'
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&' 1*' . '6 0 8' * +".8' 12: .8' 7.2+0 +*6' 3+. + -' *' +*.' *16.:0 +*6'%2"0 -'.4'
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156 - '.+ '" 2 .8' / /,' ,05 6' J+ 63+0' *1*' * .,,6+ -' - 04 . 6 *' 5.*'4 40 + - '
3+ .4 .R+ -' ,1*:0 +8' 1*'<. - ' *3+ 6' *1 6 .' *.: 8' 0$; 121"18' 04 9; 1'
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*1 6 .' - 0 + 6' %+ *'1,,. + -':0 +8' *.: 9.*8' .R+8' *.:0 -'" *60. - * 2+8' 21 - 2; '
, * 8' 06' 5.6 * 8' 7 *0* 2+8' 1*+ 6. -' 1 J0*4 6'< 0/' 3+ 2+8' 3+.*6+ -' 57' 5".,+ 6' .2'
6+" 6' , *' 8'?' 9+.6+",+ -'506 6' 06' 0/",,*" 1*0' .4.'<+4 ,0 -'<+8' *' 1 1'4 ,0*60 -'
*.4+8' ,+ -' ,+ -' ." 8' *' *.:0 8' .24+/ 6< *4 90*. 3+0' 5.91' 0/ 0' 209 6' 41*00'
.3+. -' + - 5 6 %06' 3+.6 1*0' .4.' 1,",40 -' * +". -':0 +8' *.: 9.*8' *.:0 -'.4'
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.90"".* ,+ -' 06+ - ' 6.6 8' 0/504 6 1*0' +.' 5.* 8' 7.+4' " 2 ' 6+6+ -' 41 - + - '
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6.* 8' 6 6.' *' 5.6 . -' ,+ + -'4 90 ,' 6.6+ 6' 0 ,' ,+ -' - ./ - . -':0*61 + -'6 .*'
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- 0* +8' *' "1*9 6+4 *0 -'.'/ : 'S."' .<" 8' .4' - ' 1* 'A+* '*.: 9.: 6' +6' 41*0+ -'
:0*6+ -'*.*4 ,, 06+ ' 2 4+13+0' 52< 6' ,+ -' +2' 9 .4+' ".6 6+4 * 8' . 4 ,+ -' 51 '
"+ -':0 8*.: 9. 06' 6.*6+ -' 9+8' 0* 6' +6' - . ' 0" 41 '60 . *'5060 0' ,190 06+ '
6.*40 - 3+0' +"60 +8' 5 19 0 "+8' +2' / / : '9 .4+ -'"1,1' . - 10* " - 1'.*,71 .8'<0, 6'
.2' *4 90* 8' 12: 1' .:1 0' 0/,056+8' 0/' 5 0' 51 - 5.' - .9*.'.4' 0+ -':0* 6' 50"" 2+8'
,+* ,+"1 + -'604+8'< 3+0 -' 0056 90 '06' 51 60+ -' - .9*.'6+ 2.'*+41 + -' 6 5.61 + - '
., 0' :. 8' ,1" 2+8' +,.6.' 03+02.6+ ',+ -'*+ - 0 1 1' - +" 0 + -',1 - 6.6+ ' 3+.0' 0/'
,. - *.61'<+*,1 3+. '0/',. - *.6.'.5+4'*18' , - *.20 '60/6 8' :0 6 2+8' 50*4+" 8' . - 4.0'
0 .*6' +5 .'7+ - , 1850""0,0 : *.', +4.' e,4.' . + -'." .0'.4,2* 504+*' *9"1 '
+ -'18' 4 61 3+0*608' 90*.8' ".,0 .*6,8' 06,1 - 8' 5."" 8' 0' . 90*608' *,.*6.6 1* 2+8'
3+14 '9 . ".*60' *60 '018' 7+ - .*'90*0 8' 71 60' 1"0 - *0' 0 6' 150 . -'4 .2 .*6." .0'.4'
5+" + -'6; - 5.*1 - -' * + 8' 90 6 ,+".6 1* 2+8' ."6.2.*6' .R+8' .4' .4 ,08' - 1*6 + -'
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.55+" + 3+,' .4' "". - ' - ' - 0 - 1 . - ' - 1*+ - 0*6+ - '3+144. - '. 90*60+ - '0/ 6 + 6+ - '
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.' *1 6 8' ,+"6+' . - '5 .06, 3+. - '3+14' *+4', .*6' .+ + - ' * 0 1 .' *' 16+*4+ -
, ,+ - :1":+*6' 06' ,. *08' "".8' ,+ - '3+ 2+ 4. - ' 02+8' 50*4+"8', ,.' 90*.8' *+ +*6'
+*9+0 8' 4 9 61 + - '"1*9 6+4 *0' 51"" , 8' 51 0418' ."+*6' *' 013+0' 40,1 0 - '.4 04.*6
" 6' 06' *' 4,*6 + - '3+18' .5+4' *18' ,.*4 6,. 0' 5 .0, 5+.',+ .' 0 6' * 9604 *0' 018' 5 ,0
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7.2 6.*6ˢ<+ 0ˢ90*6 +-ˢ*03+.3+.*< : 1".60ˢ404+,.*6ˢ06ˢ,+-ˢ+6ˢ.0 8ˢ ,ˢ-. 8ˢ+ +8
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ˢ5 & & ˢ*6, 0.ˢ *ˢ 0"9 1ˢ40ˢJ .*, 01ˢ *4 +-ˢ4+,0ˢ *ˢ5 *, 50-
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5 *, 50 5., , 51 " *6 0/ 1 - * 2+8 :0 1 3+ .+/ " .61 08 .,,, 51"%+*6 *4 *+ -
09 8 J .*, .0 .6 0 - 5 - + - 1, ,+ 0 0 ,+ 06 .4 20""+ - .4:0 +8 "5.*18 90
0*4+ - 5160*6 . E.""1 + - .:1 12 +, ,0 " 1* 8 50 - 09 " 20 8 *1*4+ - *.6 8
06 :1"+*6.8 .2+*40 5506 6 06 . 3+1 " 20 6.6+ - 3+.*6+ - .4 0" 9 1*0 - .66 *06
5 : "09 1 + - 60 - <+ + - 086 - - +* 6.6+ - ,1* - .6 1*0 - ., 0,+ 6.60 - ,0 6 +8
50 . 0 51 " *6 3+.0 1 - * . .2 "5.* 8 3+1 - *+8 ,1* 03+ :."0.*6 - +"6. 12 6. 0
. 4. - ,+ - 5 .0 4 2+8 5"0 3+, 5 1: *, . + - &."0*6 * $. 4.0 16.0 06 ." 1 + -
. "+ 1040 .6 1*0 - * 6. - < 3+. .6 +6 "" 50 4 : 6 . + - 3+. <. - ,1 +560 +0 +*
06 9 .6 .0 .2 "5.* 8 *0+*4.0 5.6 .0 <+ ., " 20 6.60 - 5 14 6+ 06 ,1*6 . $ 1
60 6.*60 8 06 . - *6 .0: 6+ 3+. - 0.*40 - 5160*6 . - 3+. - 0/ <. - * 0"9 1 7.
206 "1*91 .**1 + - 5.6 1 : / ,1""04+ +8 6 *4 *+8 +6 0.40 - ,1* ". +2<+9.*4
0"9 .* - 1 .9 6.6+ + - 0+ - - * - 0 :0 1 - "0 .6 $7 " 55+ - 15 2+8 "1*90 5 .0
51""0 0 + 6.*1 09*1 14 <. - 60*06 +27 /+ - 3+ ., "0 5 18 40 0*"2 0
5 .05160*6 40 6 6+.*6+ +2 <+9+ - 6 - "%+ +(" +8 :0 1 * 0 6+ - .* - + - *0 - *
1, ,+"6+ - 0" 0 51"" 616 ,.040 8 ., 5 1 , 56 1*08 06 0/0 - 5". , +1 8 .2 J" "5.* 8 .4
+"6 1*0 -
2 . 0 ; 0 $ I 3 . # #)$ 2 /# / " - ! 2 ; 2 " #

+"6 1*, -ˢ 5. ˢ0/ˢE .*.60* 2+8ˢ.,ˢˢ .+ 8ˢ .06 48ˢ *4 8ˢ1,440*6." 2+8 6." .ˢ5 .ˢ ˢ
12ˢ1,+"18ˢ5. " -ˢ:0 . ˢˢ.47+,ˢ,."0 0ˢ .*9+ *0 -ˢ616ˢ5 1,0 + -ˢ,6ˢ." 1 + -ˢ3+18ˢ9". ,+8ˢ ˢ
4 +8ˢ".3+,+8ˢ06ˢ0/3+ 6.ˢ61 - 0*61 + -ˢ.6 1, 6.8ˢ.2 + - 5 6ˢ .0, ˢ **1,0*6 2+8ˢ.4B
7+,ˢ 0"9 8ˢ 5.6 .6.ˢ 3+ 4ˢ 51 6ˢ <+ 6.0ˢ 40 0* 1* 8ˢ *0,4 6.60ˢ 6.608ˢ 5.*1 +*ˢ
.* - 18ˢ *+*,ˢ0/50 6.*4+ -ˢ№ 5 +40*6 " - 0ˢ.ˢ .5 0*6 " - 1ˢ5 *, 50ˢ4 46+ -ˢ0 "0ˢ 09 8ˢ
.-ˢ - 1 6 8ˢ *+*, + -ˢ0 "0ˢ . 13+0ˢ.,ˢ 0 0ˢ *+*3+. -ˢ.,, 40 0ˢ +6ˢ5 .05160*608ˢ 0908ˢ
"".6. -ˢ.ˢ +24 6 8ˢ *<+ . -ˢ 0" *3+.*6ˢ *+"6. -ˢˢ4 " - +". 0ˢ018ˢ." 3+.*41ˢ*+*3+. -ˢ
<+ .0ˢ 0 + -ˢ4051*0 0ˢ 4ˢ0/0 - 5"1ˢ 7 6 0 *ˢ .* .0ˢ 09 8ˢ5 12. ˢ51"%0ˢ3+ˢ12ˢ
6; .** 40 -ˢ 09*1ˢ5+" +8ˢ06ˢ,0 6 8ˢ,1*4 6 1* 2+8ˢ 0 6 6+6+8ˢ 09*+ -ˢ." 3+.*61ˢ60 - 51 0ˢ
- .* +,60ˢ.4 - * 6 .: 6ˢ 51 60.ˢ1,,. 1*0ˢ,.56.6.ˢ5 1,0 08ˢ .4ˢ ,1*: : + -ˢ:1,.618ˢ
60 ˢ ., .ˢ- 0 .0ˢ155 0 18ˢ,. * , 8ˢ - .*+ˢ126 +*,. ˢ6 - 18ˢ06 . -ˢ3+.4 - 1 3+0ˢ
* .*60 8ˢ0 - 44 " - 0ˢ0*0,. ˢ<+"%0 6ˢ 1" -ˢ *ˢ 0"9 1ˢ ./ - " .*+ -ˢ . 1"ˢ:ˢ.:+ -ˢ
* 9*ˢ *<+ .ˢ.ˢ +90* 2+8ˢ. J,4+ -ˢ,+ -ˢ +55" , 2+8ˢ5 *, 5+ -ˢ 0560 - : 1 + -ˢ*ˢ
60 :0*6+ˢ6 .* 09 0ˢ 5 1 3+0ˢ *ˢ9 .6 . -ˢ.,,05 0ˢ * 6 + - 0*61ˢ0.ˢ40ˢ 0ˢ,1* 041ˢ06ˢ
<+ 0<+ .*41ˢ 1", - *ˢ - .61ˢ 51 60.ˢ6. *ˢ * 9*ˢ: *4 4.ˢ.* - + -ˢ* 7 "1 - *+8ˢ0/ˢ
5"0: "0ˢ+6ˢ ,ˢ*. .6 1ˢ*+*,ˢ06 . -ˢ71 1 0 -ˢ.+4 0*6 2+8ˢ *,+6 .6ˢ *0,ˢ." +4ˢ *ˢ,.+ .ˢ
+ "0ˢ,+ˢ*+50ˢ . 1"+8ˢ 0/ˢJ .*, .0ˢ6. *ˢ.6 1, ˢ+"6 1*0ˢ *ˢ 1 * + -ˢ06ˢ,060 18ˢ$ 1ˢ
60 6.*6 + -ˢ4+,08ˢ61 3+0ˢ **1,0*6 + -ˢ,.5 6.ˢ .0: 0 6ˢ*03+0ˢ4+1 + -ˢ.**1 + -ˢ5.,0ˢ
. , + -ˢ06ˢ155 41 + -ˢ 0 6 6+6 1*0ˢ*1*ˢ 5 8ˢ 1 1 8ˢ,+ -ˢ 090ˢ .:. .0ˢ*+56 8ˢ5".,. ˢ
516+0 6ˢ3+1ˢ - *+8ˢ,1*,056+ -ˢ0/ˢ +9.ˢˢ 0"40* ˢ41"1 0 -ˢ:0ˢ,+ -ˢE."", ˢ*1 - * 8ˢ
* . - .ˢ5 *,058ˢ." 13+ˢ90*0 1 +8ˢ0/ .6 . 06ˢ 40 -ˢ:061ˢ - .9 8ˢ .4+ 18ˢ 5.*18ˢ
*.6+ .ˢ50 ˢ ,ˢ.4ˢ+"6 1*0 -ˢ5 1*18ˢ3+14ˢ6.ˢ 1 0ˢ 50 0*6ˢ+6ˢ*1*ˢ.401ˢ9 .: 2+8ˢ06ˢ *ˢ
.* 8ˢ +*.56 2+8ˢ.4ˢ 0"9 + -ˢ 0 :.*4+ -ˢ15+8ˢ7.20.*6ˢ40 6 +4 8ˢ5."" -ˢ155 41 + -ˢ
- +* 6 1* 2+8< ,+6ˢ.ˢ . 1"1ˢ:ˢ *ˢ;E.*4.:ˢ04 6 1*0ˢ.**1ˢ7+<+8ˢ .0,+"ˢ/// /ˢ .4+ -ˢ
+ 6ˢ+6ˢ 40 .ˢ,1*6 .ˢ *60 51*.6ˢ$7 " 55+8ˢ06ˢ * 6 + - 0*6 8ˢ.,ˢ 9 "" 8ˢ5 1 - ".ˢ 9*06ˢ
,+ˢ4+2 + -ˢ0 "0ˢ3+ *ˢ51*6 0/ˢ0+ -ˢ ., . - 0*61ˢ 1":.6ˢ№ *. -ˢ 0 6+ -ˢ0"%0 *ˢ.+".ˢ 1ˢ
- .*.ˢ7.0 ,6 , 8ˢ3+."08ˢ $ 160 6.*608ˢ,+*4ˢ7.20*6+ ˢ - * - 0ˢ 40 -ˢ 0 :. ˢ4020 0ˢ<
43+0ˢ 0 56 8ˢ +8ˢ5. " -ˢ+ 906ˢ 8ˢ 3+ˢ 1 *0" ˢ ."" 4 ˢ 7 ; 151" 6.*ˢ*1 - *0ˢ
4(.*6."91*4.*ˢ1 .6 1*ˢ*+50ˢ *ˢU h 1 - ., 0* 2+8ˢ,1 - 6 8ˢ7.2 6.0ˢ 0"51*4 68ˢ 40 -ˢ
,". - 6. 0ˢA1.**0 -ˢˢ 0* .0+ -ˢ*0,ˢ*1*ˢ06ˢ8 +*0 + -ˢ 01:. 4 0* 0 -ˢ05 015+ -ˢˢ
*0,ˢ$7 " 551ˢ" ,06ˢ5 1 - "%. -ˢ 40 -ˢ0 :. 0ˢ *ˢ.* - + -ˢ*4+/0 6ˢ" 20 + -ˢ50ˢ51*ˢ
6 ,0*ˢ ˢ06ˢ *3+ 61 ˢ1 , ˢ - * 6 18ˢ 4ˢ 1 0<3+ * - 1ˢ ""18ˢ,1* 0 0*6 .0ˢ , +5+"+ -ˢ
," 9 1 1ˢ5 *, 5ˢ *<04+ 18ˢ0+ - 3+0ˢ.4ˢ20""+ -ˢ,1*6 .ˢ(04. 18ˢ90 0*4+ -ˢ6.*40 -ˢ
:,"ˢ *: 6+ -ˢ,1 - 5+" + 18ˢ 0140 -ˢ3+ 550ˢ. 6+ˢ ""18ˢ+ 18ˢ+6ˢ 090 -ˢ 7 6 .* " - + -ˢ
*+50ˢ ,1*6 .ˢ4.6. -ˢ 40 -ˢ .4ˢ ., *+8ˢ +606 .0ˢ 06ˢ0/0 - 5"1ˢ9 . "%.*60ˢ616.ˢE."" .ˢ5.ˢ
6 .6+ -ˢ *50""0 0*6ˢ,+<+8ˢ 5 + -ˢ51 60.ˢ510* 6+ 6ˢ*. -ˢ *90* + -ˢ5 1: *, .0ˢ*1*ˢ
0 0ˢ6."0ˢ+6ˢ *ˢ E.""18ˢ6. *ˢ4 ˢ ., *1 8ˢ,19 6.6 1ˢ,.4.6ˢ 4ˢ,1* " ˢ *ˢ 6." .ˢ5 .0ˢ
- 04 6.6+ -ˢ06ˢ *ˢ 5.* . ˢ0,14+ -ˢ.4ˢ 090 -ˢ1 0* 1*0ˢ 6.6+ -ˢ." +*40 6 .* ˢ
- + -ˢ + "%0ˢ 9 6+ˢ *ˢ$7 " 551ˢ*+"". -ˢ *,0 .0 0,1*, " .6 1* 8ˢ06ˢ9 .6 .0ˢ 50 -ˢ ˢ
50 0 , ˢ*. - ˢ ˢ*.6+ .ˢ6." 8ˢ0 6ˢ+6ˢ616ˢ,.04 + -ˢ0/.4 1*+ -ˢ5 1 0 56 1*+ -ˢ *ˢ 0"9 1ˢ
.+41 ˢ +0 6ˢ5 1,+"ˢ4+2 1ˢ 0 ˢ0+ -ˢ0 - 50ˢ.4ˢ *90* + -ˢ 04 6+ + -ˢ06ˢ*.6+ . -ˢ:0"ˢ
+ ,.ˢ0/5+" . -ˢ+"3+0ˢ 0,+ + . -ˢ3+14ˢ ˢ." 0*1ˢ * 6 9.6+ˢ*03+0ˢ 51*60ˢ.4ˢ0.ˢ - ˢ
5+" +8ˢ 6ˢ,+ˢ4+2 + -ˢ 0" *3+ ˢ3+ *ˢ01 +*40 -ˢ 3+1 + -ˢ 0ˢ. 6+ˢ6 .* :0 + -ˢ.9ˢ
:0 6ˢ51 1ˢ,1* " 1ˢ 6ˢ+ + +8ˢ06ˢ51*6 , 8ˢ *3+ 61 + - 3+0ˢ71 6.6+ˢ0.40 -ˢ3+.ˢ
5 +8ˢ - - .* 6.6,ˢ,1*6 .ˢ 0"9.8ˢ .0: 6+ +8ˢ3+. -ˢ:0 1ˢ 1 - 4.2 " 8ˢ 5 +8ˢ5160*6 .ˢ
6ˢ41,+ - 0*61ˢ0 0ˢA1.** 8ˢ + 6 ˢ *ˢ 0"9 + -ˢ.4:0*6+ -ˢ3+ˢˢ604 +8ˢ." 3+.*6 "50ˢ
4 - +". " 06ˢ*03+0ˢ" 60 .0ˢ3+ 2+8ˢ40ˢ,1* " 8ˢ0<+8ˢ1,,+"6 8ˢ,1* 6 6 6ˢ *60 ,056.0
+ 0*6

& ˢ % ˢVˢ06ˢ., ˢ1 , ˢ ˢ
% $ ˢV ˢ ˢ('! $ 2 ˢ &$ ˢ9 ! $ ˢ ˢ ˢ ˢ - !
?8 # ˢ ˢ_ ")ˢ 25 $ˢ ˢ ! # , 2 ˢ ˢ]] 2$

' + "0*6 ' 5 +4,*6 1 08 6.'<+4 ,.*6 ' 0 66'616 , :/6.6+ -'<. -'5160*60 -' 6161' 0"9 1'51
'6 ' 516+ "%0'< 06' ,+ -' 04 " * . -'5060 06' ' .4 *6+0 5 . -' 40 "0/ ",6' + 20 -'
,+ -' . ,0 *'5160 6.60 -' 04.4+ + -' + 0' ,1*6 .' *' *4 *1' - +"6.'0" 0 3+.0' 5 ' *'
5 *, 50 0" 90*41'156. 0 4,20.*6'< * 7 " 0 0 3+14'5 1: *, ." 2+8 1 - 4 *0 -' *,+'
60 4'51 6' *. -'0+ -'0/60 *+ -'*+"".8'5 :.6.8 ,+ -' *4 90* 8 * - , 6 .8 7.20 0' 6.'
3+0 .4 - "+ .'" * :0 18 12: 1' .:1 0' ,1 - 5"0/+ + -' 0/6 * 6 8 . 6 1* 2+8 ' 3+.0 0"B
9 + -'714 0". ,0 .*6' *+"".8 " + -'. ,08 .+6 - +* 6 5*08 7.20 0' 516 + 3+0 0* /+ + -'
+6 .* - 18 20*0 - 0 0*41 2 40: *4.6'3+. -'+6 + 208 ' 3+.0 0 "" '+"6 1' +2< , .*6'
:' 1, ,+506' 20""1'3+.0 6 8 5 1: *, 8' .4 0.8 06 *0*4.8 . , 2+8 15+8 4%0' .6 *4 '
+ -'+"6 1'. , ,0 6+ -' 7 " .2 *4 90* 8'6.*6+ -'.2 71 6 2+8 '3+14 - 06+.6'7.2 6+ + -'
,060 + -'0<+8 1508 .4 6+0*4+ -' 0"9 + -':."40 1551 6+*.8 12 : , * . - ' ,6' 090 .6 0
1' 1 - * *1' * 3+1 '5 1,+'4+2 1'0 "0'E."" , . -'*12 " 6.60 -' 40,1 8 ,+5 4. -'06 16 '
*.6+ .' - 5.6 0*60 -' 5 +8 ,. 6 .' . - 2 6 1 0 0,+6+ . -'' 3+14 .4 0" 9 1*, -' .66 *06'
3+14'5 .0, 5++ -'0 6' ,1* 6. 0'0+ -'.'$ 160 6.*6 2+8 - * - 0 ." 0*+ -'4%, ' .+6 ."60 -'
01 + -', .+ .0 *1*' 6.' * 0 6+ - '3+ 550 ,+ -' - +"618 . - ,18 *' E."" .'06 0/6 .' 09*+ -'
7+ ,' 0" 9 1*' .44 618 7.20.6' 06 .09 0". * 0*. - $. 0* 0 - 5,4.:0 6'< +6 < ,8 " 6'
0+ - ' +6 . - 3+0 0" 9 1*0 -' +2 .6 0 090 41 - ' 0 0 . "+06+ - ' 40 0.'$ 160 6.*6 2+8
41*,0 ,.+6+ + -'0 "0' 4 51*40 0 *41"0 -' 09 . -'' *. -' 0+ -' - .* +06+ -' .,' ,"0'
- 0*60 -' 5 .,4 ,. ' 06 .'25" ' ,1*") 8' 3+.0 ,1*6 .' $ 160 6.*60 8 *' E."" .' .9 6.6.'
+*6' 3+. - : 8 8 .4 60 - 5+8 5. 6 , 5.:0 6' ." 0*+ -'+6 *1*'6. *'20""+ -'94" "0'3+. -'
1, ,. 1*0 -' 20"" ' ,.+ .8 5 .0, 40*4' *40 . 5+ "0 .55. 0.6' 06' +6 $ 160 6.*6 2+8
1' 6.'.03++8 6'6. - 0*'0+ -' :0" *,E0 6.60 .4. 6+ - ' 06 - 06+' . 6 1* 8 "5.*.0'
0 - 50 '$ 160 6.*6 2+8 5.6 1, *.6+ + - ' 9 6+ '156 - 0 ,1* +"6+ -': 40 '+6 8 *'5 *'
, 50 -' 0, 5 .6+ ' ,'0* -'E."" . -' 5.* 8 ,".+ . -' 1 0'0/'3+.',1* 6.6 ,1 - - 0.6+ -'
. - .'. ,' ." .8 20"" ' ,1 - - 14 6.608 018 7. 60*+8 7.2+ "0' 06 *' 2% .<04 '12 4 1*0 1 '
0* + 18 + "0 * ' ,'E."" .'.4 155+9*.6 1*0 -'*0,0 ". .' + "0*6 +2 - * 6 .6.'5 .0'
60 0. .**1* 18 06 6 02.608 .4 ,1*,1 4 . - ' . "+ - 561' *4 *1' 04 6+ 18' 3+18
*0,' " + -' ,060 8 5 .0".6+ + -'0 "0' '5 - '0+ -' 0"090 *6' - 06+0 0 4020.*6' " 0,'
,1* 40 0 - +"6+ -'. - ,+ - ' '0/"50 60*6' 4+ -' 8 .2 "" 8 .' 0" 3+1' ,1 51 0 05. .6 8
5 1: *, 8' 40 0 .6.' ." 3+.*41 .2 5.* 8 ."+60' *'5 *, 50 -' 0, 5 .6+ ' 3+14
:061'3+ 4. -'12< , +*6' *4 *+ -' 1 6. "0 5., ,.6 1*'E.*40* '*1*' +2 0 56+ - -'
*03+0 ." 60' 0"9.8 5"., .6. -' *9"1 + -' 09 *. -' 7.2 6+ 18' * ' ,.5+6 40 1040 ,'
+ 9 *4 ,.0 41 - +8 ,+ -' *9" .0 09*1' 0 :06+ ' 8 0 51*4, ' 51 "0' * 7 " ,.+ .,'
: 40 ' ,+ ' *4 *+8 5., ,.6 1*0 -' 05+4 06' 3+ 550 3+.0 ,1*6 .' "5.*18 * 6.' 6'
*. -'06 + 9+*4 .0 4+,08 0/'0.40 -'J .*, .0 90*60 5 19*.618 + - - .' 40 ,1 - - 0 , .'
,+ -' *9" 8 0 :. "0' 06 .55. , 0' 09 *. -' *9" .0 .2 *4 *1' - * - 0 ." 0*. -'0"%0'
3+ 550 <. -'6 . ".6+'40 *+56 8 ,+ -' 5 1' 090 .6 0 ,1* 0*6 0*60' 7.2 61'< 3+ '+6 0/ '
6+ -' *1*' 7.20.6' 6. - 0*' 5 1,0 08 *9" .0 12 0" 9 1* 8 ,.+". -' 0 - 50' *4 *+ -'
,1*6 .' 5.*+ -'156.6+ 18' ,3+0 <+4 ,.6+ 08' E." + -' ,1*6 .' 5.*18 1, ,+5.6+ -'
* 7 "?.+6 *' +. -' .+6 *' 0" 9 1* 8 50 * , 0 -' - 1" 6+ + -'< ,13+0 - .9 8' 3+14 <. -'
40, 06+ - 6' 3+0 - 0+*3+0 0"9.0 *'5 *, 50 -'0"090 *6' 36 ,1*4 6 1* 2+8 0' 5 1'
51*0*4"8 09 *.' *9" .0 ,1 - 5 070*4.6+ ' 3+14 :0 1' 40 ,".*40 6 *1' $7 " 55' ,+ -'
*4 *1' 1040 0 .' +"5 , 1 8 <.4.6+ ' 3+. ' 8 150 .+6 516 +8 5 14 6 1*0 E." 1 + .'
. - ". -' 0"9 ' 41 - *.6 1*0 -' 0,+50 . 0 ,1* 6 6+0 6' .2" 4+ -' 0 "0' *03+0 +"".'
:0 1' - "' .6 1*0 * 6 '*. -'4 4.' .4.3+0 *4 * ',1*6 . . -'. 9+0 0' *03+0 3+ 4'
3+. -', .+ .0 +20 "0' ,+ '$7 " 55+8 0"9 + -'.'E.""1'9 .: 1 2+8 ,1*4 6 1* 2+8 '3+. -'
+,'0'1 0 .6+ ' 0, 50 0 :0" 6' 8 .6 1* 2+8 ,1*60*402.6 .+ 1*0* 8 0 0 ,1 - '
- +*': 40 '3+.*41'0/60 *'5 *, 5 8 5.6 1, * + -'*0,0 " . 1' - 5"1 .*4+ -'0 "06' *B
4 *+8 *'5 *, 50 -' .4 - 66, 06 +'< 50602.63+0' +6 3+. - 5 - + -' +50' 0.' 0 .2
4 * 2+8

4 * 2+8 - .6+ 0 4," 20 . , - ' + - ' 4 *08 ,1* +"6. *6 ' "0/ . *40 ' . - 0 +8
5 1 ,/ 150 5 1: *4. + - ' ,9 ' ,1*, " .6. - - ' # 1 6. * . - ' * .**1* . 12 4,6< ' #
3+.0 ' *9"1 + - ' 06 (,161 + - ' ,171 6 2+8 60*02.6+ ' . : ' 0/5+9*.6. ' - . *4
.*+ - ' 506 6 ' 3+14 ' D 1 9. *1 6 2+*0 404 6 1*0 - ' . , 0*60 ' - 1/ 0,056+ - ' 0 6 ' 5 0
1 9. +8 ,+*. ' ." 8 - " 6+ - ' 5 .0 0 6 8 , .56 :+8 06 *06+ ' *40 0/0 , 6+8 "%1 * . ,+ -
:0 +8 60*4 6 ' *+"". ' 0 - 0 - 1 .2 " ' 90 6. ' 6. *6+ - ' .90 ' , , . U * +".8 : . 6.6+8 ' +2
+ 2 8 ,6 - 1".6 * 8 5. " - ' * , , * 8 ' ' 1 016. ' 5 . ,60 0. ' 06 ." ' 515+"1 ' : , ' 0/+ 6
0" 3+ ' 5. . ' :0 6 ' 0 9 . *4 ' 5 06 1 .2 * ,0*4 1 040 - 0 0 ' G+1 . 61 ' , , . ' % .
<04+ - ' .4 1 . - ' 06 - 2+ 9+ - ' 5. *1 +* ,15 .0 0,0* ,*6 ' 06 ' +6 40 - ' " . -
. * , - 8 .**1 8 ,6 6 02.6 2+8 .55 12. 06 ' 0 ,"9 1 4 * 66+*6+ ' 8 . - 0 . ,+ -
- +* 6 - . - ' , : 6.60 - ' * 09* ' ,1* * 1 60*02.6 . 1"+8 E.+ *8 * , +8 ' 3+
,+ - ' *+"" 8 .6 1* 2+8 . ' ' < 1*6 * 1 06 16. ' 50 +.40 ' 516+ ""06 +6 4 *+ - ' 5. 608
40 0 0 06 ' 06 6. - 0* "1*90 .2 .+/ " 8 51 6+8 ' *0 616. ' 20"" ' - 1"08 * 0 * ,+ - 20 0
- 0 61 :0 , 06+ ' ,+ - ' *4 *1 5. , 0 6+ ' 06 .+/ " . , 8 E.""1 + - ' 03+ 6+ - ' . , ' 504
6+ - ' ,15 .8 + - - .8 *6 . ' + 20* ' . , , 5 6< 3+.0 , 02 8 0/,+ 1* 2+8 50 ' 6 02.608
. 6 8 ".60 + ' 60 1 0 - ' 5. 0 +*6 ' 06 * ,0*4 + - ' : , * 8 *60 - * .6.0 9 . *40 - ' 50 ' I
,+* . - ' .2 8 0/61 0 +*6 ' 140 - ' 60 - 51 0 +/0""0* 08 :0"". - ' . 6+ *60 , 5 +*6
,6 ' E" - 0 + - ' 5 .0 , .+ - ' : *4 - ' * + 20 - ' .24+,+*6

& ' V (, ' 06 150 : , *1 + - ' 60*6. :0 . *6 . ,0 - ' # "0 0*20R. - ' 3+. - '
. 6 *+8 (,70*R +8 6 0*++8 20"".61 ' 60*02.6 ' 06 0/ 3+. ' , 02 1 0 + - 50*41 1 .0
06 70* ' * . : 9.6 1*0 - ' 515 ". 2+8 * 0 6. - ' 04402.6 ' 04 ' 6 50 :0* 0*6 2+8 . ' . '
*0 1 + - . " 8 .+/ " . 2+8 ' 12 4 1*0 - ' 1":0 +*6 ' * J " . ' . , ' "1, 8 , ,+ - 51" 6 8
,+ - ' 08 12 4 " 4 . ' *60 6 * . ' 6+ 2. 0*6 ' .+ 1*0* 68 40 0/ 6+ :0 6+8 .4 0.8 ,1 - '
51*0*4.8 ,1 60 ' *60*4 6 ' 04. - 3+0 5 1 0 6+8 .667 . * 1 , ' , .+ . ' 01 + 3+0
5 + . ' 5 1 0, +6+ - ' 50 71*1 ,0 0/,05 6 ' .667 . ' *40 50 # 0 9.8 *6+0 5 . - ' 0 '
:0 60*60 ' 5 0 1 4 . ,+ - ' 06 . - 50*. - ' 506 6 ' +6 4 " 4 . ' +2 3+0 ,1 - 51*0 06
. - ' # 0*60* 08 . , ' : , * ' + 6 , ' . - . ' ,050 . *6 ' +6 0 .2 *<+ 8 - " 6+ - ' 06 . '
* . *1 - - ' 03+ 6+ - ' * 5 - 8 6+0 0*6+ ' + - 56.3+0 0/ *+ - 0 1 06 121 0 4+, . '
- 50 .6.8 50,+* .0 ,1"".6 1*08 0,+ .2. *6 ' 06 .4 5. , , .6 1*0 ' 1"1* 0* 0 - ' * ," '
*. 0 : 402. *6+ ' E01 9 +8 .". * +8 0**020 9 ' ,1 - 08 5 0: * , .0 5 .0 08 ' *90* '
2+8 06 "40* 0"0* 2 8 ' * ' 5. ,0 - ' 0 9 1* 8 .4 - 66, 0*6 4 . - * .2.6+/ ' ? 0 6,"+8
60 0* +8 6 . *8 70*+ - ' V 0 90* 0 8 06 1*. 60 0* 0 8 +< 6 ,18 74" " 2.8 0/B
,+ 1* 2+8 :0/.2.6 ' $7 " 55+8 170*"1+8 ,1 - 08 0*60* 0 8 06 Z % . * 0". *18 ' I
,+ - ' *+"".8 ,1*4 6 1*08 . , , 50 0*6 ' : ' . 3+0 41 - + 6 ' 00 ,0 ".2. *6 * J". *4 . '
06 6 02.6 2+8 *+50 ' 09 ' 0,1*4" .6 ' 3+ ' $1" 6 , ' 06 ."0 ,1*60*6 ' :+"91 :1, .2. * '
6+ K 3+ ' ,1*<+*4 8 ,+ - ' 5 1 090 : 2+8 + 6 . ,+ - ' + 6 . ' 5 +8 60*6.6+ - ' 6. *40 - '
. 6+ ,050 +*6 ' $ .00 .6 "1,1 ' $1660"20 9 +8 ' 3+ ' ,+ - ' * ' (,161 + - ' ,171 608 50*08
0 7.2, 06 ' *0, ' 5"+ 08 .4 - 660 0 :0""0*6 155 4. * ' 0, 06 8 .4 4 *08 4.6 60 8
- .<1 08 ,15 .8 + - - 66 ' 506 0 .6< 0. 3+0 50 , . - 5+ - ' * 3+1 , . *4 , . *6+ ' " *60. '
<+/6. ' . ,0 - ' . , , 50 0 40, 0:0 .6 ' . ' " 60 .0 . ' 5 16090 *60 ,056.0 "1, ' , .5 0*4 '
,1 - - 14R.60 - ' 5 .02+0 +*6 ' . - ' ,1*4 4. ' 4 0 06"1,1 ' *14+ 09 ' 7.2 6+ 9. 6
3+0 - +6.6 8 . - ,18 0 - +". *608 :0*0 +*6< .4 + 20 .3+0 + - .1 0*6 1 . , , 040*648
5 .0 04+8 .47 6 ' 3+58 *1* 5 +8 71 60 8 0* 6 ' 3+. - ' "" ' * "1,1 * - .6 ' + '
0*6 ' .40 - 56. ' 5 .0 4 . 8 0 " 60*4 ' . ,+"6.60 ' (,16 ' 6. - 0* * 1 1 ,1*9"12.6

' % $ ' ? + ' / ' 0 ' : 5 ' ' 6 '
. ' ' , 0 ' ' ' , $0 ' ' 0 ' ' ' ' ' 0 ' ' ' - '
' ! 6 ' 3? ' , $ ' V ' . A ' ' , ' V + 0 ' . ' V % # ' V 6 $ ' ' &
' 0 $ ' ' ' . A ' 5 $) # ' ?% ' G $ ' V . A ' %
' ' 6 . ' ' ' ' Z) 6 ` & ' ' ? 0 ' 4 ' ' ' $ 6
' . ' ' : ! '

%0 3+.6+16 71,. . - 5.6 5 9*.: 60 40 0140 +*6 6.*40 - : 4 + - 0 1 .4 +*+ -
- 0 06 +, 4.*6+ ,+ - 3+0 - .9*. 155 4.*1 + - - +"6 6+40 %+ * + 28 4 5 6+
* : ." 41 5 .0 4 1 - +* 6+ - 51 61 ?$1*6 1 1 0"A. + 1 1/ ."60 *.: 6 1
6+*. ,6 41"1 0 - 0/ + 6 .,1 . - 1 06: : 6 +,0 "%+8 *1:+8 (+2 4 ,+ - +*R0 R. .
&0 0*6 0 E."" . ,15 .0 8 2* /+8$.*, ,+82 .*1: +8 ,19* 61 $7 55+ - ,
- +*4.*+ - ,1 . 60* ,+ - +/1 0 1, + .6 0 . 1"1 P 1 0"".0 09+"1 ." 3+0
5 1,0 2+8 * f .0 0,+ +8 .90 0 4 155 4+"+ - 0 6 *60 UE00 620 9. - 06 "1 6+ -
40 "1,1 *60 5 0*41 ,19 6.60 ,105 6 5 .0 - "23+0 %+ " 1 06 1 6.* 1 ,+ - ." B
3+16 ,171 6 2+8 3+ : .41 . 1"%.0 "1,. 50 ,1*6. 0*6+ *1 60 3+.0 / S." 5
5 .0,0"" 6 .4 - 16 8 ,." 8 - + 18 +50 .6 ,6 +*. - + 2 8 51 6. - 1,,+5.6< 3+..50 6.
03+ 6.6+8 * 3+1 0 . 6 ." 3+16 .+ 1*0* 8 6+ - .0 *6 14+, 6+ 0 , 12: 8 3+
2+ 3+0 06 3+ 0 60 0 .+ ,.0 8 0 - +*4.*+8 ,.5 6+ < 3+ E.*4.: * . ,0 ."
3+.*4 + . "0 :.6+8 06 51 60. * . - 0R.* . . ,0 =0".*4 .0 : / 6.*40 - 51 6 3+ *B
3+0** + - 20 6.6 0 6 6+6+8 0 6 . 1"+8 .60 06 1 0"". ,+ - 61 61 9;*.0,,1
6.6 - 4 - 66 -

& - +"61 51 6 (0,7" * . 3+.0 .**1 +50 1 0 .2 4 * 2+8 4, ,,0 .6 *
01 + - 5160 6.60 * :0* 6 - 0 .2 " ,. + 6. *60 5 .0 4 . 18 ., , :0 8 4 01 4 .
.667 .0 06 .+ 1*0* ,1* +"6+ - : + - +0 .6 3+1 9 .: 1 - ."1 5 .0:, ,0 06+
5 .0 4 . 18 ""18 4 - 66 ." 1 3+0 4 *+ - . 2 6 1 * 01 + - "1,+ - +2 6 6+ 4.6 8
. 0,7" * 0* 2+8 12 4 2+8 40 40 4 * 2+8 0 :.*4. 6 1551 6+*. + 6 " .
4 - "1 . - 5 .0 4 . +2 ""+4 60 - 5+8 +/0"".8 :0*0 .*6 3+1 + 20 - 1,,+5. 0
,1*.2.6+ 0 - +*4.*+8 +*40 ,+ - 4. - *1 06 4040,1 0 05+" +8 0 6 +6 +1 "1,1 4 /
- +8 (04 51 60. $06 1 +51 . - 0" 6. *,0*61 0 0,7" * 0* 08 40 - 4 * 2+8
4.6. - 5. : 0,0 +*6 06 "" +8 - 5+" + ? ":0 *91 .2 + 2 8 5 .0 04+ . 0 - 161 5 0
6 36 0 A1.** 8 E .5 0." 8 ., 51 60. ,. (" .0 . .667 . 06 4 * 2+8 .4 5 18
- 6%1 + . 5 0, 2+8 ., - 1* 6 8 06 *6+0 5 0* + - ., +/0""0* + - : , *1 + - "09.6 8
*<+ 1 0 ,1*60 - 56 8 ,+ - + 90 0 0*6 0*6 * 5 1 09 8 40 - . ,1*, 1*.61 0 ""1
50 . 1*,0 "0 +*6 . 3+1 06 3+. 4. - 5040 6 0 8 ,15 .8 06 Y 5 16. + - 03+ 6+ -
." 3+16 6+ - .8 .,,050 +*6 3+.0 * : , *+ - .9 + - 0 J+ 0 , ,. "1 6+ - V 0 0*
6.". - %0*0 . - +*4. - 4 8 515+".6 1* 2+8 9 . ".6.0 +*6] h ""0*2 1,.*. 60 -
- +* 6 1 0/5+9*.6+ + +8 :0 1 3+ * 40 0 6 1*0 . ,1* 0* 0 .6 6.6 - 12 "0:
6.60 - 504+8 3+14 8 0 "06 3+ *6+0 5 0* 0 - . ,0 - .*60. 4 * 2+8 6 .4 40 .6
12 43+0 0,7" * .0 5 .051 6+8 +0 .6 0. 5 .0 ,! + . 0/+ 6+ 06 * 0<+8 "1,+ -
$ 1 " 9*1" +8 + "(, 6+ 0 6. - 0* 1 - * 5+2" ,1 - +*. 0 51" .6+8 : 40 06+
+ 6 .,1 *+50 ,.561 5 - + - 5 .0 0 "*8 0 6 51 60. 12 + 504. - *,1* 6.*6 . -
9*1 - * 1 0 *40 . - 16+8 + 0 61 0 .*, 01 2 ."0Z *1 (+0: 90 - 1 0,7" * 0* 08
3+ .+41 0 $06 1 +51 40 0,0 .*6 0140 - ,1* +"61 0 06 . - * 0 20 , +602.*6+
8 :0 6+ * ." 4+ 8 ,1*, 1* 2+8 5"020 - .4 20""+ - *,0*402.6 6+ * 06 . - 1 - * .
- +* . - "6. . 5 1 0" 1* 8 +.0 12" 6+8 - 5 9 0 12 2.6 06 ,+ - . 0 50,+* . .
3+. *0 20""+ - 90 *1* 5160 .6 ".21 . 06 155 4.* 8 50 +. 0 .6 +6 , - 0" . 60 - 5"1
+ 5 06 1 . ,1* ". 0*6 *03+0 +"" 8 15 2+8 6. - ., 83+. - ." 8 5. ,0 0*6 .4
20""+ - 6. - <+ 6+ - 90 0*4+ - 6.3+0 06 * 670,. - (+ - 1"4 - .9*.0 :0*0 .6 1* 8
06 *90*6 8 5 06 3+. - 06 "5.* 06 5 0 51 60. .+ 1*0* 8 *6.4. - ," 3+0 .*
- .*+8 *<0, 6 < 6.*613+0 .+41 0 ., "09 + - . 0,7" * 0* 2+8 0/,+ .6+ - 0 6 G+.0
4+ - - .9 . ,1* + 1*0 *) 20 .90 0*6+ 1 4 *08 *6+0 5 0* + - * 6 9.6+ 40 0.
,.5 0*4. ,1* " 3 - *0 *6 06 3+.*3+. . 09 <+/6. 155 4+ - ,1*6 *+1 4 0+ . 0*6

Q :2
2 N " 4 $! 0 + & 0% $ D ! ! 0 $! $6
0 , $ / $ *$ $ 0 # /$ #4 5 6
$ $ *@ 0 /6 & G + $
V B $- L D4 * 4 " 3 0
+ 6 6 C. + "

' # ']]U

06'6+ - .'03+6+-'. 0,, 510".0' *' +2+ 2 8'0/,+2. 0'*1*' 9*1 . 06+ '6. -0*' *9" '
? .'0:1,.*6+ '3+ '4+,0'A1.**0'=' 1 1' : 1' 6 0*+1' 06'36 '51 60.'.5+4' *18')
- "6.: 6'6.*40 - '.,,0561' 6 50*4 1' 0 -' + 0050 +*6' 6',+ -' ":0 +8' %0 - 5"0+8'
+/0",* + -'5 .0 04 +8',+ -' + 8' 060& ":1 4.0'5 .0 4 . 8' 06' . 1"+8' 0; * +8'
J. - . +8',+ -' +.'03+ 6+ -'."'.0',1*<+*/ 06' :' 4' 5 '5 - 1' 4 "+,+"1'.4' + 20 -'
,1*:0* +*6' ' ,1*") 13+0' * 61 '5. 6 6' 150 .8' *9" ' +2".61',". - 1 0' 06' *90*6'6+ '
- +"6+' 0/, 6.61.2' +*.'5. 60' .4'. - .'5 1,". - .*6' 4+ -'%0 - 5"0+8' 0/' ,1 - 5. "1' .2'
."60 .'5 150' +/0""0* 0 -' 51 6. -' - 10* .' ,." 8' .4 - 16 8' ,.*40 06' 0,'., 60'
5+9*.6+ - ' .*603+. -'51 6. '3+.'03+ 6.648' *6 14+,0 06+ ' .50 ' 51 06' 3+.' 0 , '
.6.'51 63+. -'+"60 +8' *'+ 20 -'50 :0*6+ -' 0 6' - .9*+8' 155 4.*1 + - ' .,0 416+ '
.,' - 1*.,71 + -' *' 1 + -' 6',1*,+ +8'< 3+ 2+8' +* :0 8' 8' 3+0 *' 4 / ' $06 +8'
+5+8' 5 06 8' 0/60 * 8' .+/ " 8' 5 .00 .6' " ' +6' 5 1' : 6.'3+. 3+. -' 20"" ' +408'
51 6' 12 6 *.6+ - 516 +83+. -'., 0,0 6. -0*' ,6 -' ." 3+.*4 +' 0 6 6 0*6' 0 0' ,+*4'
,.0 6' +*6' ,0, 4 6' 06' 5 0' $06 +8' +5+8' 51 63+. -'4 +'. - 8' * 9* 2+8',1* 5 40*4+8'
I *, 04 2 "'.+4.,'.*60' ." 18' + 8'.* - 18' ., 0 8' 405+9*.: 6' 1 " 9*1" +8' 06' 5 .0'
04+8' + 2 8' ." 3+0' .+/ ". 08' 4+ -' * 0 ' .,0 41608' .,' - 1*.,7' *9"18' : 6.0' 50 '
,+"1' 0 - 1 .*6+ ' ,+ -'8' 5 16. + -'03+ 6+ -'6+ - .' 05.9+" 8' 51 6. + -'0 .4 8' *'
,1"+ - 08' 0:.4+*6' 6.'0/5+9*.6.' + 28' 40 40 .6 8' , 460 ' *'"1*91',1* " 4+',' 5 .0'
"4 . 8' 0/' 155 4.* 8' - .<1 0' *+ - 0 1' %+ *' *9" ' .4' 5 .04.8' :0 ' 3+.*3+. -'
,+ -' 8' .2' * 6 1' 5 1 - 8' ." 3+16' - 0* + -' 6 50*4 8'.4+ -' +0 .6' 6' + 20 -',.5'
,1*6 *90 06' *0'0. *' 4 50 0*6' &0 + -' ' ,+ -'*+ - 0 1',060 18' : *,0 0*6' 0 .*6'
3+ 550' '4,"04 ' *+"". -'5 1 - " 2 + -' .6 1*0 . #7.2+0 +*6' - .<1 0' *60 - '
50 ,' 3+. -' + 5 . -' 6161' 0"9 ,1 + -' 20""1 + -' 60 - 51 0' 9 . ".6' 6.3+0' + 28'
4 056 1*0' 7.,'."60 .'5.0*0' .4' 1" 6+4 *0 -' 04.4.',+ -'*0,' - "08' 5 .04.+4' *0 -'
.,0 06' *03+ ,3+. -' 5 17 20*6 2+8' 6 2+* 8' .,'5 .0 04 8' *0,' 60 - 5" 8' .,' "1, 8' 0'
" 9 1 8' 06' 05+",7 8' 5 8' 5. ., 06+6' /1 6.' *60 '7.0,' *60 ' ":0 + -'%0 - 5"0+ .'
06' J. - . + - ' 3+ ' + 2' 5 .0 04+8' 40 9*.6+8' 0 .6',+ -'A1.**0' 1 1' *9"1 + -'
6 2+*0',1*60*6 1' 3+.0' 51 6 0 - 1' *'.,60 -' 06' 50 .,0 2. -' /. -'0:. 6'< 5.+"+ - 3+0'
08' .' - +6+.'50* , 0' .2 + 6'< 0 3+0' 2.+4' ." +4' 0 - 04 + -' 3+.0 ' 5G 6+ 6' 3+. -' 6' *B
60 -' - "08' *' 5 .04 8' .9,*4 8' 1,,+5. 06+ ' 9 6+ ' *1*' 1"+ -' + 28' 4 056.' 04'
1 - * .'5 06 1 .' .2' *9" 8'.:04.'06' *' *9" . -'. 51 6.6.'' 39 *8' 5 06 + *'5 .060 0.'
0/',.56 : 8',1* .6+ -'' 43+0' 616+ -' 5.0*0' - 0* 0 -' "" 8' 50 ' 4+,+ -' ,1*60*6 1*08'
" 20 + -' + 6'< 3+.0' ; /'6.*40 -'.'J. - . 1' *60 :0*6+' *6+0 5 0* . -',1 - 51* '5T'
6+0 +*6' 04 41' 5 151" 61' +6' .'5 .04 8' .2 6 *0 06+ ' 06' 0140 -' 60 - 51 0' *9" ' 50 '
+*. -'51 6. - '%0 - 5"0+8' 50 '."60 . -'.4'6 *6 6 *.2+"'5+" + -'0 - 660 0*6+ :'
'& ' ' .4+ -'5 4' 1* ' . .8' 3+14' 06 *' ,.+ .' + "0' , 04 6+ ' +6' *90*60 .'\'
4.40 -' +2' 4' 60 - 5+8' 4 *,8'.,,050 *6' - " 60' 56.04.'4*+ 61' *',. 6 .' +6' 50 .''
2.6+ ' - * - 0' .4' 9*.',1*:0* 0*60' J .*, 0+8' .*1: +8' + - - +8' - " 6 .0' 4 *+*6'
- 50 .61 '0/504 60' 0/0 , 6+',1""041' *9"18' 3+' 0,7 * .4 ",0" 0 .*6' 1550 0*8'
94 - 1 60 + -' .4' .*40 . -' " 6+ -' ,. 60""+ -'.' 09 8' 1,,+5.6+ -' 52 4 1*0\'
, */0 .6' :.""13+0' 4+41' 06' 61 - 0*6 8' .4 - 16 8' .,' 5+" .6 1*0' *,71.6.' *0916 + -'
1 - *0' .63+061' : ,. 1',1 - - 0 .6' 5 0' 1,,.""170 -'*.4+8',+ -'4,"04.'504 6+ -'
06' 03+ 6+ -' - .*+' .4' * +".8' 50' + 2 8' 516 +*4.0' 0/,+ 0 .6' 04',19* 61' - . ,7 1'
0 -' "82169 + -' 8' 0 .6' '$06 +8' 0"14++8' .*60' : ,0,1 - 08' .*40* 0' 4 4+8'
.+/ " 1' +50 :0* "0',+ -'/ :'A 5 16. + -'03+ 6+ -'6+ - 8' 3+0 -' ." 3+16' 40"04.0' 50B
4 6+ -',171 608 03+02.*6+ ' - .6+ 0' *90" - * 60 + -';0 +8' ,. 6 .' +.' 0506 6+ +8
60*4 6

& ' ' % ' 7.2+0 +*6' 06' *'5 .04.8' 0 + ' - .<1 0

$ '2! . $ ' & ' ' 7'! $' 2 ' 6 ' 2 '5 0' '
'> $' ' $' 'G ' ' '5 '' '4 ' ' 'R ' ', '
' ($' '" .' '

D !

!60*4 6 < :0 1 6 .*8# . - 0 .6 "1*91 , ,+ 6+ 4, ,0*,<0*8 * 50 * , 1 .
' # "" "1,. +2 .*40 . * . - * "+ 6 5. - "090*8 %+2 :0 50 . - .4 &.,.*.* 5.9+ -
4 :0 6 6 G+14 +2 821 9 +8 0 , : 6 . .4 + 6 .,+ - 6 .* - 1 : . ,1 +50*
4 1 1 0 *90" - 1* 60 . - 506 6 J0 6 *.2.6 * 6 *0 0 .*1: +8 6.*40 - 3+, - + 6.
*140 .4 +. ,. 6 . 04 6 04 5"0 3+0 +1 + - 0/ 6 *0 0 40 0 "8 &.,.*.0 0" 4 8
3+ 06 2 50 *5 6. +*6) 2 * ,. 6 . :0* 6 * 1/ . 3+061 - .*4.6 +6 51*60 -
.*40 .0 - 51 6+ - 1, +8 .2 + - 5.6 :0 + - 3+ 2+8 4 *0916 4.6+ - +, .6
0 - 09* 60 0/0,+6 +*6 .6 3+0 7.2+0 +*6 51*60 - 5 .0 4 1 - +* 0 3+1 . +
50 :0* 0*60 821 9 1 40<041 ,4* 0 6 - ., 8 * ,. 6 . 6 - 5 0 "1 .*1: +8
,+ - 5 .060 50 - .,, 4 "06 +6 821 9 +8 51*60 - 6. * , 61 +50 . "06 3+ 550 3+
.2 +56+ - 0+* ,+6 <+ "0 .6 5+6. 06 6. - 0* ,+ - 0/ 9+1 *+ - 0 1 3+0 * , ,. ,
7.202.6 0 .*6 .+60 - "1, 504 608 06 03+ 6+ - 6+ - .0 4+ - ,06, 3+18 &.,.*.0
0" 3+0 .6 .4:0* 0*6 1 6 60 * 6 1 71 6 + - - 506+ - + 6 *+ 6 8 5 .0,050 .6
(,16 8 3+1 4 +6 +8 71 60 - 0 - 1 . 06+ 06 *,+ + - ." 3+.*61 60 - 51 0 .:0 60 06
*0 - +" 04 0 - ,"1550618 4 5"140 0*6 < 3+14 *03+.3+. - "" 0,, 0 04 ,0
"0 60 0 - "" 8 9".*4 2+8 06 1 ,0 "0 0 1".03+0 * :0 6 9 1 , ,. - 50 .61 0 - 0
- .* 0 0 :060 .*.0 ." 3+16 E.""1 + - ,171 608 .4 0/ 9++ - *+ - , + - 04.4.0 3+ 550
,+ - : / *9+".0 / .+6 / - " 6 2+8 ,1* 6. 0*6 !*. - ," 3+.0 &.,.*.0 +2 " 6, .*6@
3+.0 6 0*+0 .4 - 14+ - 0 - 90 "0 +*6 06 51 6 12 6 *.6+ - ,0 6. - 0* *0 404,,1 0
., 4. .*1 0:. 0 +*6 ,060 8 4 " 5.6 8 .,,.0 8 .*1: +8 3+ 08 405"1 .6.8 : 40 06
0 3+ 4 6. - 0 * + - - 1 - 50 1 *40,1 + - .4 - 660 06 4061 %0" * 1 " 1 4
- 1 3+ ,+ - :060 .* 8 E."" 8 *,1"+ - 8 0 0,05 6 . ,+*4 8 40 0 6+8 - * - 0
40 0 + 6 < 04 .4 "1,+ - * 3+1 61 - 0*6. 20"" ,. 0 .*6 ,1*,0 6 1 60 01 +* 3+
&.,.*.0 0 - .* 0 .*6 +50 :0*6+ 5 10" + - 0 6 6+0 0 51 "06< 6 0*+03+0 5+9*.*8
.4 0/6 0 - + - ,.5 6+ .56+8 06 ,+ - 01 . 3+06+8 ,+<+8 5 .,, 5+0 ,+"5.06.*6.
,".408 - 5+6.6. 0 6 3+14 5 .0 0*8 51*60 - +6 <+ "+8 0 .6 .2 + - 5 *1* ,+ . "06 04
." 8 4 ,1 - - "%06 8 6.*40 - 51 6 A1*9. - * .**1* . ,.56 : 6.60 - 0 .41
,. ,0 0 " 20 6.60 - 0, 50 .: 6 6 .*1: * 3+ 1 ,1*4 6 1 + 6 3+ . 821 9 1
* 5 1 09 8 - .*+8 6 .4 6+8 : / 51 6 - +"618 .**18 06 4+ 8 .4 - 14+ - 4 4 8 .2 5.* 8
,9 2+8 4 - "+8 0 6 G+1 .41 *1* "0: *: 4 . .5+4 ,1 - 5"+ 0 8 ".21 .: 6 821 9 +8
3+14 : + - 21*+ - 06 2 .4 * 6.60 ,1*<+*4+ - *1* 1"+ - * - 0 . - 0 : 6+60 -
.24+, 5. +8 0 06 04 06 5 1,0 + - .2 4 * 2+8 ,.561 + - 3+18 * "0 " 20 .61 .
*1: 1 4 - 66 *+"". 508 0 .6 " 20 6.60 - 0 - 1 .6+8 + "06 . ,".408 3+.0 * : 4
. .8 *, 4 6 5. : 4 * 2+8 .*1: + - ,.56+ - 0/, 5 .8 ,1* 6 6 6 . - 5.+,
.4 - 14+ - 1,, < 06 0/0 , 6+8 6+*, 4 ""5.6+8 6.6 - ,,1"" 9 ,105 6 ,+<+8 150 06
.,,040*6 2+8 .4 0+ - , 0*6.".0 +/0"". - - 0,7" * ., *+50 ,.56.0 5 .0 4 .
8 E. 4. E.""1 504 6+ - 06 " 1* 1 5.*1 03+ 6.6+8 4+, 2+8 d , 6. ,.5 6+
. 7+ - " 6+ * 5."+41 1 "1,1 51 6. 0 6 .4 3+. - ,+ - + - - 1 - .*0 : 4 A+*
:0* " 0*6 ,15 .0 ," 8 .4 - 16 8 6 - 506+8 < - 10* 2+ 3+0 +50 .6 8 0/,+2 61 08 .4
(,70 - 0* 0 - 51 6. - 12: 6 +, 4.*6+ - 1/ 0 .4. 51 6. " 1* +8 ,+ - 03+ 6.6+
.4 - 66 6+ " 3+.*4 + 6. - 0* 5+9*.6+ - 1 6 60 0 60*6 2+8 0"9. + - ,171
6 2+8 "+ E0 - .* , 8 06 14 1* .*. * 5 - 8 3+.0 <. - 61618 / : .**18 $7 " 551
* 0"9 1 - " 6.2.6 3+.0 1 - *08 6.*40 - * 0140 - 3+1 6.2.*6 :0 6 9 1 .4 *6,
*0, 1*0 - ,.0 .0 +*6 0, *, +0*6. 4 * 2+8 : 41 . + 6 ,.0 8 *1* 5.+, 8 ,1 + -
4+, 2+8 ., - +"6 8 :+"*0 .6 8 (,70 - + . 40 *40 06 . 0716+ - * 4 *+ - 51
60 6.60 - :0*0 0 l ."0*+ - 60 - 155 4+"+ - . 5 .0 4 . 8 09 8 40 0 6+ - < 04
6.6 - 4 0040*60 4 *+ - 0/0 , 6+ 0,056+ -
7 51 6 S." G+ *6 " * *140 50 : 9 " A1.** 8 09 * 61
3+1 +*4. -
% $, : 50$ 4>. (? 0 b B 2 .
, 8 l? / + B L

3 1 - *4. - * 6 9.6+ 40 +/0"" 8 *60 , 5 0*4 8 ,1* " 1 0/ D .**1* . .4 40" 9*.
6. - 51 6.1 :0* +*6 6 9.61 08 671 .R0 - 8 A., V + 6 6 8 06 *1"4+8 ? $ + ,+8 ?
* 8 0 .*6 3+ 06 ,".: + - "" +8 51 6.0 1 - . - ,0 .0 - 5 0 ". - 0 - - .*+0" .".
* 1 1*6 * 1 06 821 9 1 5 6 .4 40 .*6 0 - 3+0 *60 0. .4 9 .+ 1*0* 0 -
7 (.*6."91*4.*+ - 06 %0 - 5"0+ - + 2 8 5 .0 0 6+ - *4 ,.:0 .*6 1, 8 12 4 41
*0 8 4 51 6.0 - .,7 *.0 06 0/,+2 .0 3+.0 71 . ., - 1 - 0*61 ,1*4 4 8 * :0* 0*60 8
- 506+ - .,0 0 40202.*6 04 5"+: 1 . .4 - 14+ - 0. *1/ + 6 6. +6 ,"15506.
0/6 *4 8 +* 2+8 06 0/ : . ., - .41 0 0 "" 0 - *1* 60*6.:0 *6 ,0 61 0/ 6 1 3+14
, - 60*6.6+ 8 - - *02.6 . 01," *<+ . 5 17 2 6 a 140 - 60 - 51 0 1*4.0+8
3+ 0 / (.*61* 2+8 4 .+".61 7.2 6+ * $,. 4 .* 5 .0 04+ . - +. - :0*0 .6 06
J. . - &0 1 - .*4+1 + - 1,,+5.:0 .6 - 51" 61 "1,1 5 .0 4 1 * 0"9 + - 40 ,0*
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* : 6 +6 6.*61 71 5 60 ,.56. + 20 516 06+ +""+ - 5 .06, 3+. - 155 4.*1 + -
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4+ - ' 06' 09 ' . 04 ' 0 "0*6 ' 0' :0 6 9 1' .20+*60 8' * 0 6 8' .* - 8' * , ,+6 ' +*6' ' 3+ ' 6. - 0*'
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+ 6 .ʽ .*60 .0 . 0 .,ʽ ,060 8 - 50 ʽ5 *, 5 2+8 5 .0 - 1* 6 8ʽ * ʽ40 0"9 ʽ + , ʽ
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0"14+*+ - ʽ 5 *1 ʽ5 *, 50 - ʽ 4 * 2+8 6 .4ʽ,+ .: 6ʽ 1ʽ"0 0:1,.6+ - ʽ,6ʽ51 6
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6, + - ʽ3+.*6+ - ʽ * 0 +0 6ʽ ,+*418 .4 ,1*,1 4 . - ʽ06 +* 1*0 - ʽ71 6.6+ - ʽ0 "0ʽ
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- 66.*6ʽ *03+0 ., 1 .*4ʽ 1040 8ʽ 3+1 0"9 + - ʽ,+ - ʽ - 50 1 ,1*<+*4+ - ʽ0 6ʽ12ʽ
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.ʽ 0 .41 + - ʽ .,ʽ50* 1* 8 5 1 - .,ʽ .6 1*0 - ʽ7.20.*6ʽ 4 7.0,ʽ 4 *08ʽ 71ʽ
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6, 0ʽ 0ʽ 9 .6 .8 5 1" /0 .9+*6ʽ 402 6.3+0 .2 01 ,1*6 .4.ʽ .,ʽ5 1 - ".ʽ +6 0/ 1":.*6+ʽ
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+ 6ʽ *60 0.ʽ60*6.6+ - ʽ.2 .+ 1*0* ʽ2% .<04+ - ʽ.4 1 . - ʽ' ," 3+0 ,1 - 51 ʽ
ʽ6.6 8ʽ ." 1 +50 :0* 0*60 *0916 1 0:1,.6+8ʽ !*. - ʽ5 .0 0*8 *60 0 0 ,+5 02.6@ *40
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0,1*, " .6 8 5 1: *, 8 * 61 .6 8 .,0 06ʽ . *ʽ5 1564 5 6 *ʽ - .9 6 .6+8 - .9*.ʽ
,+ - 0"9. + - ʽ .6 8 .4 1*0 90 6ʽ .*4. - ʽ .,ʽ 0,0*60 - ʽ.47+,ʽ - 0 - 1 . - ʽ7+ ,ʽ*,ʽ
916 1 - ./ - 0 41*0. - ʽ .60ʽ<+4 ,.:0 .6ʽ 5 1,0 0"3+0 ,<+8 40 - ʽ 0,+6+ 18 06 2
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2+8 +6 + 3+0 * 0ʽ 0/504 0*4.0 .6 1*0 0*60*6 8ʽ .0 - +".6 1*08 *60ʽ - .6 0 - ʽ
" + - 3+0 0/1 6.0 +*6ʽ3+.0 51 6 0 - 1 0 0,0 +*6ʽ +6ʽ0;+"9.61 4 *+ - ʽ40 *1:1
5 *, 50 0" 90*41 40, 062ʽ ,+ - ʽ 08 516 +8 .4 20""+ - ʽ3+. - ʽ.4 5.,0 - ʽ 504. 0 : 40ʽ
0*6+ ʽ 5.*1 + - ʽ3+ʽ6+ 2.8 3+. - ʽ3+ 060 - ʽ * 0"9 1 - ."02.*6ʽ * 6 9.6+$7 " 55+8
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ʽ%ʽ ʽ ʽ$ ʽ? _ !! ʽ ? ʽ # ʽ ! ʽ ; ! ʽ / * .' ʽ ʽ ʽ ʽ U
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% *60 5 1,0 08 09 0,1*, " .618 E+" . 1 * +8 , .,+8 <+:0* 8 +5+ ,+8 "" ,1*4 6 1*0 - +50 2+8 06 ,".61 *90* 1 5 .04 6+8 3+ .*60 3+.44, * + - +/4" 8 ,1*, " 09 0*.61 08 * ,+ 614 . - ,1*<0,0 .6 06 .2 01 60 - 51 0 - 141 7 8 *141 "" 8 5. 6 2+8 .44 4 8 516 +8 * .9*. - 3+. - 21*. - 40 0 . - . - 6161 , 9 1 0/, 6. :0 .6 8 ,+ - 5 1 - . .2 1*6 * 1 06 16. 5 1 090 5., ",0*6 2 8 *1* ,5 ., ,* 6. 0*6+ **.6. "0: 6.60 5 16 *+8 .2 4 * 2+8 06 *4 *1 1" , 6. +8 ,+ - 8 .9 6< 06 ,1 - - +* ,.61 ,+ - h . +/ 1% .*.0 09+"1 3+ ? . "",6+ - 5 ., 4 1 6,*,2.6 E1* " 1 40 . , 2+8 06 155 4 8 ." 3+16 6 .4,*4 8 4, - 12" 9.6 04 0 4,6, 6. h . +/ +8 - .6+ 0 .+ +9 6 0 .0+8 4+, . - .<1 0 0+ 516 +8 6, - 0 6.60 ,+ - 0 - .*, 0 + 6 *+ "06 .U 821 9 1 06 1*6 * 1 ,1 - 5 070*4 6+ 06 * 6.*60 5 16090 3+ 5 1 ,0 08 ,+ - 4 * 2+8 ,1 - - 660 0 06 1 - *0 - 0,1*, " .6 1* 8 *60 018 +6+ .0 50*6 5 .0, 40 0 .6.902.6 0 ,1*: 4+8 G+0 *1 .0 3+14 0 6 .**1* .0 155 4+ - : 4 4 0,+ 50 ,+ +8 0 6 9 f .+" 09+"+8 0 40 - ,1*<+ .6 1* 5. 6 , 5. "0 , 04 6+8 * 60 - 51 0 50 ,+"1 5 .0:0 6 6 06 * . 00 - 0,0 ,.*. - +. - 2.+4 "1*9, . + /," 8 ,1* +9 6 3+. - 06 .2 " :0 1 ?%0 - 5"01 + 2 8 5 .0 041 3+ 57+8 1 1 0 - * - . 6 - 1* 1 7.202.6 50 +. +8 .4 - .<1 0 - + ,,+ 6.6, - 4 * 2+8 6 .4 4 T04 51 60. +/1 0 "0: 8 06 *,1* 6.*6 8 *90* 10 - *. .4 - +"6. ,+ - 6 - +".*6, ,+ - 6 5 , 1*0 - 4 * 2+8 40 0 - 1: 06 * ,. ,0 0 - .2 4, - ,1*< , 6+ 0/ 3+1 : / *B 60 :0*6+ %0 * 5"0 71, - 0 6 8 0<+8 4 * 2+8 ,1*41*.*6 2+8 " 20 4 - " 8 0 6< 06 * J .*, . - .4 *18 - 9 .: 6 %1 6 0 + - :. 1 0:0*6+ 90 6. + - 06 *+6.6 6.*40 - 5 *, 5 8 ,. + - 51"" 6. * "1*9. - 06 . 04 6 1* 2+8 , 02 1 0506 6 8 ,1056. - 40 04 1 *0 - 51 60*4 60 5"0 3+0 : +8 0 6 *90*8 60 .0 - 16+8 $ 3+1 *1* 1"+* 0"9 + - 1"1* . + 3+0 3+. ".6+ - 40 3+1 +5 . 40 - 1* 6 .: - +8 04 5 + - - . 0 3+. - : 8 *+"". .+ . ,1 - - 1:0 ,6+ "+4 2+8 5 .060 1" 6+ - .2 - 1 * ."6+ - 0".6 8 6+ 2.6+ - 0 6 * - 04 60 .*0 8 :061 6.*61 .91 0 2 8 60 . 6 0 - + 6 +6 6, - 5"1 + - ,6 6+ + - ".5 408 4 6 5. - ., ".20 .4.6 *6

, - 16 2+8 J . ,+ E01 9 +8 . .* +8 0**02, 9 ,1 - 08 5 .,0 .6 06 ,060 .0 6 .*8 70*+* 5 1: *, .0 71, .**1 ,. +0 +*6 . - * 6 1 .** ,+ - 1 B *0" . 0**,20 9 1 1 .4 5 + - :0* "%06 ,1*4 6 1*08 . 5 1 090 . J0 0*8 71 6.6 2+8 - *.8 ., 51 6 0 - 1 2".*4 6 .8 +6 .6 0 - .2 4 *+ - 5. 6 2+8 .2 6 .7, 06 - .0 ,., . ,+ 6 . - 3+1+ 3+0 0<+8 40 - 3+. - 01 06 0,+*4+ - 0+ - 5 *, 5 +1 40206 40" 40 .6+ 18 +18 N 3+1+ 3+0 ,+ - (04J. 8 150 . - *.:.6+ + - N .+, 3+. - 4 + 50"" 1* 2+8 60/61 2+8 ,0 41* 2+8 06 ,060 8 5"020 8 . 6 , 2+8 5 .060 90*6 8 40,+8 0 : 6+ + - N .6 8<. - .4 1* 2+8 4.6+ - 06 <+ 6 8 * 50, 0 - 5 1 " 20 6.60 ,1*60*6 1* 2+8 *+*, 01 0 - 404+4. - 0 0 +6 0" 9 1* 8 06 40 *1* 5 1 5. 6 . 6 ,0 6. - 0* * 3+1 3+ 50,,.:0 6 8 4 : *., "09 8 6 .* 9 , "2 *1* 1"+ - 0/ 6 - .6 1* 8 3+.0 * 7., : 6. :0 .6+ *.+ .9 + - ., 06 04 5 .060 * . - . - 4, .060 *. ."+60 50 ," 6.6+ 71*1 08 1508 4 9* 6.608 . 090 50 . 0 ,+ - 4020 0 . 5 020 9*1 - * . - ,1*6+ - 0" .8 06 5 1 *9 .6 ".21 8 5 .0 - 1 0 . - 51,* 60*6 . - .5 .6 9 6+ 6.*40 - 06 ,060 1 + - 5 1,0 + - 40 0" 9 1*0 20*0 0*6 0*6 + - ,/0 - 5"+ - 03+.6+ %+ * - . ,7 1*.6+8 *.*0 8 6 6+"18 06 *,0 6.8 . ., - ,.0 0 90* 8 3+.0 .4 ".1 . "0 - 1*6 1 *+50 40 +*41 : 4+. 0 .6 *+56 .8 1 60*6. 0 6. 0**020 9 +8 5.+".6 - * .4+8 40 40 0 0*4 8 4 *+ - 71, 0 6 $ 160 6.*6 + * 5. 6 2+8 ,19 6. 0 ,105 6 *0 6. - 0* 4 *0 ." 3+1 150 .0 5 06 1 .,0 06 0 - .2 * 6 1 ,0".6. - :1"+ 6 $ .0 0* 0 .6 3+. 0 .6 *90* .9., 6.60 0 - .+ 1*0* 8 6.3*0 <. -

% $? B $ B ? 0 & A D ($ " / 0 & * / A0 M ." 5 . / 2 5 % . $ 5 . % 0

% f +/

<. - +- *J . -5 1 , , 6.6+0 .6ˢ 3+. ˢ 12ˢ ." .8,.+ .8ˢ *0 0**,20 9 ,1* " .E ˢ
5 .0, 5 6. ,6ˢ3+.0ˢ 6.ˢ 0ˢ 6.ˢ 044 6+ + -ˢ 50 .2.6ˢ0.40 - 3+0ˢ .6 1*0ˢ 0**020 9 + -ˢ ' # ˢ " ˢ
.ˢ5 151 61ˢ 0:1,.6+ + - ˢ ˢ:1,.6 8ˢ .4ˢ" 20 6.60 - ˢ50 ˢ J . -ˢ155 4.* 8ˢ . ,08ˢ+2 3+0ˢ
4 +0 ,6ˢ ,ˢ0* -ˢ 1 0ˢ+6ˢ .40 - 561ˢ .0*1ˢ3+1ˢ5 .0 0 6ˢ+ 208ˢ .4ˢ" 2 4 *0 -ˢ, ,+ - ˢ
.902.*6ˢ J . ˢ " 20 6.60ˢ 0, 50 .6.ˢ *ˢ 4 *+ -ˢ 5160 6.6 0ˢ 0 "06ˢ 06ˢ 0**020 9 +8ˢ
,+ -ˢ 5 1 - ".ˢ 5 1 09ˢ 5 ., 6. 0ˢ *1*ˢ 51 06ˢ 40 04 1*0 -ˢ +.40*6 2+8ˢ - * -0ˢ .+ 08ˢ
5 .02, 06ˢ +"6+ -ˢ .+60 -ˢ06ˢ .4ˢ . - . -ˢ06ˢ .4ˢ 08ˢ +.8ˢ *60 0 0ˢ 0/ 6 - .2.6ˢ .+ 1ˢ
," 8ˢ "ˢ 5 - . .0ˢ *12 " 6.6 8ˢ : + - ˢ ." 13+ˢ 5 12+ -ˢ 06ˢ 6 0*++ - ˢ 6+*,ˢ *ˢ "1 0ˢ
.06.6 8ˢ +6ˢ ., "0ˢ 50ˢ 06ˢ 2".*4 6 8ˢ 6 .* :0 +8ˢ .90 06+ ˢ ,1* 6 6+6+ - ˢ *ˢ 1 , 1ˢ ,1*6 ˢ
*0 06ˢ *. -ˢ 0.ˢ *41"0ˢ 0 "0ˢ+6ˢ ˢ6.*6+".ˢ 60 - 0 . 8ˢ ,1* " 8ˢ - 1 .ˢ *< ,0 06+ ˢ +2ˢ
0+*60ˢ 510* 60*6 .ˢ .4ˢ 21* . -ˢ -0*6, -ˢ 04 0ˢ 51 06ˢ 6.3+0ˢ - 12 "0ˢ : ˢ *90* + -ˢ
6 .4.*4+ -ˢ06ˢ 4+,0*4+ -ˢ516 +8ˢ 3+. -ˢ ,190*4+ -ˢ .6+8ˢ ,ˢ ,+ -ˢ01ˢ .90 0ˢ 6.6+ ˢ +6ˢ
*1*ˢ 6.*3+. -ˢ ,+ -ˢ 71 60ˢ 40,". .61ˢ 0 -ˢ 90 0 06< 04ˢ 0ˢ ." 0*.*4ˢ 0ˢ .2ˢ 4 * 2+8ˢ
- .60 . -ˢ06ˢ .,+"6.60 -ˢ5 .0 50 06ˢ $ *, 5 + -ˢ .ˢ# 01:. 4 .ˢ .4+ -ˢ< +2ˢ . /ˢ 0/ˢ
-5 1: 250 1: *9. -ˢ06J0 *1*0 - - " 6 .,5 .0 0418.60 91ˢ, *9 6+ ˢ155 4.*ˢ
1*60 -ˢ1,,+5.*6ˢ 06ˢ .,0 41608ˢ -1*.,718ˢ 06ˢ 5 ., 4 . 1 + -ˢ. , 8ˢ - +" , 08ˢ *ˢ5 B
-0ˢ .9 - *0ˢ ". 0ˢ <+20*6ˢ -1/ˢ :."1ˢ 5 14+41ˢ .63+0ˢ .990 2+8ˢ 0/, 6.6 8ˢ 1 .8ˢ ,1 - ˢ
5"0*6ˢ 6.ˢ155 0 +8ˢ P(,.90*+8ˢ3+ˢ51"ˢ 2ˢ .60*0 %.0ˢ - 1 60 -ˢ. ,ˢ5 .00 .6ˢ 40ˢ 0/ 6+ˢ
:0 6+8ˢ "1,+ -ˢ 404 4 6ˢ : 6. -ˢ06ˢ 08ˢ .":.8ˢ .**+. - 3+050* 1*0 -ˢ5.4+8ˢ 55 4.*ˢ
. ,0 -ˢ, 6 +8ˢ 50ˢ *9 0 "ˢ -10* .ˢ + 20 -ˢ :0 8ˢ 40 " ++*6ˢ 1 %.3+0ˢ 05"0 .ˢ 0" 3+.ˢ
-1,* .ˢ ,+ -ˢ155 41ˢ ,1* **9+*6ˢ .ˢ .**1ˢ , ,,/, /ˢ .2ˢ 5 8ˢ155 4.* 8ˢ 0/ 6 +4.ˢ
5 15 8ˢ + -56 2+8ˢ +0 .6ˢ ,+ -ˢ .ˢE 10* *90* 2+8ˢ 40 0 6 ˢ06ˢ .Uˢ h ""021 41ˢ (,1:0 - ˢ
20 9 1ˢ "20 6ˢ (./1* .0ˢ 4+, 8ˢ 5 .0 041ˢ: 4 ˢ<+9+ -ˢ" 20 8ˢ ,0 : , 2+8ˢ .0450 0ˢ ,1.4ˢ
+*6ˢ +6.ˢ. ,0ˢ J .*, 0.*ˢ 0/6 .ˢ51 6.8ˢ .ˢ - " 60ˢ ". 0 : 0*60ˢ ,+ -ˢ 6; -5.* 8ˢ .,ˢ
6 2 8ˢ 9*1 - * 1 0ˢ 404+4ˢ06ˢ 1 - * *1ˢ + 20ˢ 0/.4 ˢ 4ˢ .4+ -ˢ 70+*60ˢ J02 +. 1ˢ ˢ.,ˢ
51 " 4 0ˢ ˢ 0** *,R+8 ˢ9ˢ . - *9.." 3+0ˢ 5 .0 04ˢ ,+ -ˢ :ˢ504 6+ -ˢ,171 6 2+8ˢ L? . ˢ
" *9. -ˢ 506+*6ˢ <+ 3 60ˢ 404 6 1*0 -ˢ .,0 0ˢ 5 .0 4 .6 8ˢ ,+ -ˢ 0,+ 0*6ˢ 06ˢ 71 " " 6, ˢ
0 60 0*6ˢ ,1 - -14+ -ˢ.,, 4 6ˢ +6ˢ 0**020 9 +8ˢ 3+ˢ ,1* " .ˢ +.ˢ ".60 0ˢ 50 .:0 .6
J 1 + -ˢ -16+ˢ .661* 6+8ˢ ? ."+ -ˢ 2ˢ 4+ -ˢ 01:. 4 . -ˢ .2"09. 06ˢ 3+. ˢ 0 + -ˢ
,1 - 51*0*4. + -ˢ ,.+ .ˢ 8ˢ +2 61ˢ ,5 - 5 070* +8ˢ ,+ -ˢ ,7. 6 8ˢ 5+ 8ˢ 6.*6+ -ˢ *1 - *0ˢ
06ˢ 9 ""1ˢ 0**020 9 ˢ12 9*.6 8ˢ .+4ˢ 1,,. 1*0 -ˢ 404 6ˢ 3+.ˢ . " *90* 08ˢ 40,056ˢ
+*6ˢ . -ˢ ."+ -ˢ -06+ˢ -1 6 8ˢ *60*6.61ˢ *ˢ7. + -ˢ,7. 6. + -ˢ+*.ˢ 0 20 ,ˢ .4ˢ R: ˢ
,. + -ˢ 0 - 2+ 9 ˢ3+ˢ 6+*,ˢE 10* *9.0ˢ 0 . ˢ ,19+*6ˢ +6ˢ . ,0 -ˢ5 16 *+8ˢ 6 .40 06
0,ˢ 71 - 1ˢ *,.+6+8ˢ .2*+ 6ˢ< * 7 "3+0ˢ 40ˢ .+40ˢ + 5 ,.6+8ˢ *0,ˢ / 504.61ˢ ." 1ˢ - .*B
4.60ˢ 3+14ˢ ,.+6 1 08ˢ ., + 6ˢ. ,0 -ˢ6 .4 6ˢ 1*ˢ J02 ˢ3+.0ˢ 1" -ˢ .ˢE 10* *90* 2+8 ˢ
,+ -ˢ616ˢ J .0ˢ 41 - *.;0*6+ ˢ, ,.ˢ0.40 -ˢ 60 - 50 .ˢ 0 0ˢ .04 ,.6.ˢ 51 60.ˢ .ˢJ 8ˢ
4 +6.ˢ 06ˢ -1/ˢ .**1ˢ , 2 1ˢ .2ˢ "20 61ˢ (./1*0ˢ * 6.+ .6.ˢ 6+*,ˢ 40 .+*ˢ .ˢ, : 2+8ˢ
+6ˢ 06ˢ ,1:. 4 0* 8ˢ :0 +8ˢ 155 4+ -ˢ4 - 6+ ˢ *40ˢ (1*1 +8ˢ ,+ -ˢ . 8ˢ 40"09.6 8ˢ 06ˢ
& 60 -ˢ 504 6+ -ˢ ,171 6 2+8ˢ (6.:0 . -ˢ4+,R ˢ06ˢ . ,0 -ˢ .ˢ 5 .0 0 61ˢ 404 6. -ˢ - - .ˢ
-5 140*6 .ˢ5 16 *+8ˢ .2ˢ155 4.* 8ˢ 4 +ˢ5. %+8ˢ 0 6ˢ + 20ˢ *1*4+ -ˢ - +* 6.ˢ *. - 6.6 -ˢ
+ 20 -ˢ 0**020 9 +8ˢ *ˢ5160 6.60 -ˢ 0409 6ˢ 0. - 3+0ˢ .0:+ -ˢ *ˢ -14+ .ˢ:. 6.; 6ˢ /ˢ
" .ˢ1" -ˢ .2ˢ "20 61ˢ . 1. 1ˢ 1) .*4 .0ˢ,1 - 60ˢ .**1ˢ . +6 8ˢ ˢ,5* 6 - 4.ˢ
+0 .6ˢ 51 60.ˢ0:0 . + +8ˢ .ˢE01 9 1ˢ(,70*R 1ˢ . 1"0ˢ :<+ %+.**1ˢ 7+<+8ˢ .0,+"ˢ/ / ˢ
* 6.+ .6.ˢ 0 6ˢ *60 0.ˢ 0**020 9 +8ˢ .* - ˢ .*/ +8ˢ 3+ˢ4 - +".6 1*0 -ˢ . -ˢ - B
* -0ˢ 5 1 ,0 0ˢ: 40 06ˢ *ˢ 0.ˢ 6. -0*ˢ 50 0:0 .78ˢ 3+0 0". -40ˢ : 1".6.5.,0 ," 9 1* 8
* 6 6+ 6ˢ ?

9ˢ -ˢ6ˢYDˢY! 75 U ˢ % U' ˢhˢ> $ˢ)ˢ ˢ. ˢ+. ' ˢ ˢ ˢ 0R ˢ
ˢ ˢ+.' U ' ˢ % . ˢ $ˢ ˢ B ˢ / . ˢ ˢ
?) 0 ' ˢ ? ˢ% 6 ˢ

ʾ * 6 6+ 6ʾ 40ʾ % " 1 - - ʾ 02,"" 1 0ʾ ,1*6+ - ," .3+0ʾ .,ʾ *<+,".ʾ 2ʾ 6.*3+. - ʾ 5 14 61
, 8ʾ "" ʾ "".6.ʾ ,1*60 6.6+ ʾ 06ʾ ,1 - - 0 - 1 .6 8ʾ 1 8ʾ 0 9.ʾ 0 - 5+2" ,. - ʾ.ʾ 0,7" * .0ʾ &.",*,, ʾ
* 8ʾ E 10* *9.0ʾ . - 50*.0ʾ 09 09 4ʾ .4 8ʾ 4. - 3+0ʾ 5 .0 6 6. - ʾ 4 * 2+8ʾ 5 1ʾ 5. ʾ
6 .0ʾ " 20 6.60ʾ 150 .* ʾ + - - . *9 .6 6+4 *0ʾ 0 - +.0 . ʾ *4 9*. - ʾA$151ʾ) R0* - 8ʾ
6ʾ A1.**08ʾ ʾ 1 *356+8ʾ 5 - . ʾ 0<+8ʾ 6 2+*ʾ 06ʾ 4 * 2+8ʾ - . / * 0ʾ .44 4 ʾ 3 . ʾ 4, ʾ
50 .2+*4+ - ʾ 1".*6+ ʾ 06ʾ 21*1ʾ .* - 1ʾ 0 0ʾ <+20*6ʾ ,1*) + - 3+0ʾ 4.*6ʾ +6ʾ 3*. - ʾ
5 - + .ʾ) "6 .<04+ - ʾ .4ʾ 5+ 9.*4.8ʾ + 5 , 1*,8ʾ 0ʾ ,1 . - ʾ .+ 1*0* ʾ " 6.6ʾ *1*ʾ
0 "0ʾ 3+14ʾ 40ʾ . , + - ʾ 40 - 1" 6 1*0ʾ 6.*6150 0ʾ .*9.6+ ʾ 4ʾ <. - ʾ.ʾ - +"61ʾ 60 - 51 0ʾ 4, 4, ʾ
. i0ʾ 515+". 0 8ʾ - * - 0ʾ 5 + - ʾ ".60 0ʾ 06ʾ ʾ +"60 +8ʾ 40ʾ 01ʾ ,1*3+0 .6+ ʾ 1 0ʾ +6ʾ
+ 5 , 1 *0 - ʾ 40ʾ 0ʾ ,1*,056. - ʾ .+90.6ʾ *03+0ʾ 5+ 9.6 1*0ʾ "1,+ - ʾ 0" *3+.6ʾ 516 +8ʾ
4 0 - 2+ 9 ʾ ."" ʾ 06ʾ 7+<+ - 14ʾ 5 .:1 + - ʾ - * 6 1 + - ʾ ,1* " .ʾ 40 +9 .6ʾ .,ʾ 1ʾ
1 8ʾ *ʾ 5 - 8ʾ 3+.0ʾ ,0 6.ʾ *,0 6 8ʾ 51 67.20 0ʾ 0 "5.*1 + - ʾ :.* 8ʾ 51"" , 6.6 1* 2+8ʾ
40 - ʾ .47 20 0ʾ 5 + - ʾ 50 +.40.6ʾ *03+0ʾ :0 1ʾ 0" 9 1* 8ʾ .+6ʾ 5160*6 .,ʾ ,9 .,ʾ +,1ʾ
< 2ʾ - 51*ʾ 5.6 .6+ ʾ *. - ʾ $7 " 55+ - ʾ 06ʾ E."" .0ʾ 090 - ʾ ,+ - ʾ $ 160 6.*60 8ʾ 0/60 - B
*.60ʾ 40, 0: "0*6ʾ + 6 .ʾ + "%0ʾ ʾ 06ʾ 09 18ʾ 3+ʾ *+*,ʾ - 04 60 .*,.ʾ *ʾ ,"9 1ʾ 51) 4, ,ʾ
: 40*6+ ʾ 2 0:ʾ .4ʾ + - - .8ʾ .*9+ 6 .8ʾ 04.4+ - ʾ ʾ ""18ʾ ,/,"+ 18ʾ 51 6+2+8ʾ 3+ʾ .2ʾ
ʾ 4 * 2+8ʾ 60*0*6+ ʾ 06ʾ 3+ ʾ :. 6.6 8ʾ .9 8ʾ 0 - 50ʾ .4ʾ - " 60 - ʾ .",*4+ - ʾ 06ʾ ,1 - - 0 ʾ
, + - 3) 1+* ,1ʾ ,"9 ʾ 1508ʾ ,1* 6.*6ʾ + 60*6.*4+ - ʾ 1551 6+*ʾ 0 +*6ʾ .0,ʾ *ʾ 21*. .ʾ
5. 60 - ʾ .0, 50 0ʾ * 6 1ʾ : +8ʾ 0**020 9 +8ʾ ".,7 - 8ʾ 06 . - ʾ *4 9*.6 1*0ʾ .*ʾ 51,* ʾ
60*6 .ʾ *,0 6+ - ʾ 121 6 8ʾ <. - 3+0ʾ ".2. 00 0ʾ 06ʾ .* - 1ʾ 5 1 +8ʾ ,1*, 4 0ʾ , 0402.6+ ʾ
,+ - + +8ʾ .ʾ 1 1 0ʾ - 50 1"ʾ .* - ʾ 10 - *.ʾ , 04+8ʾ .,ʾ ,2* - .6+8ʾ 0 6ʾ 40 - ʾ 5 1 ʾ
09ʾ 4.6. - ʾ 06ʾ ,1* 0 0*6 .0ʾ , +5+"+ - ʾ 40*6 40 - ʾ .6 ʾ 12<04.*60ʾ 8ʾ .,,0 "0 0 9 .:08ʾ
0ʾ 515+". 2+8ʾ ,1*6+ - 0" .0ʾ 06ʾ 0 60" ʾ *60* 0* ʾ - 50 .ʾ 0<+8ʾ 406 04.*6 8ʾ +50 2.0ʾ
:1,08ʾ 3+ 2+8ʾ .* - +8ʾ 90*0 1 +8ʾ +"6 .ʾ - 14+ - ʾ 6.6+8ʾ 1 *+56ʾ - 1* 6 8ʾ - * - 0ʾ
* "04ʾ 516+ 6ʾ 0 - ʾ 6.* 0*ʾ 4 - +".6 1*0ʾ 6090 0ʾ * 6 6 6ʾ 1,,. 1*0 - ʾ 0ʾ 90 0*4.,ʾ
1550 0*8

?!ʾ 2ʾ *1*ʾ ".6+0 0ʾ 1 *+56+ - ʾ ,1* " .ʾ 0**020 9 3+ʾ E 1,* *90* 08$ 1ʾ
60 6.*6 + - ʾ 0" 9 1*0ʾ .44 418ʾ 06ʾ *5 - 8A.,12+ - 9 ""02 .*4+ - ʾ + 2 8ʾ ,1* +"0 - ʾ
+6ʾ 2ʾ .2ʾ 01ʾ ,.:0 0*6ʾ *ʾ 60 - 51 0ʾ - 1*+ 6ʾ *. - ʾ .* - + - ʾ 5 +8ʾ .4ʾ 40 04 1*0 - ʾ * ʾ
," *. 0ʾ &0 + - ʾ ""02 .*4+8ʾ ., "0ʾ *ʾ + 20ʾ 5 *,058ʾ 3+1ʾ - .<1 0 - ʾ .+41 6.60 - ʾ
*60 ʾ $ 160 6.*608ʾ 126 *02.6ʾ 01ʾ - .<1 0ʾ * 1 6+* 1ʾ ,06, 18ʾ 40 - ʾ 0,+ - ʾ 0*6 0*60 8ʾ
*:1": 6ʾ ʾ . - ʾ +6ʾ 0 .6ʾ *90* 1ʾ 5 121ʾ 0**020 9 ʾ 3+ ,+ - ʾ - .9*.ʾ . - " . 6.8ʾ "" ʾ
0 .6ʾ 2".*4 6 .8ʾ 06ʾ 40<0 .6 1*08ʾ +6ʾ 1 - *0 - ʾ + 5 , 3*0 - ʾ . - 1" 06+ ʾ, 02 1ʾ *9, 0*6 8ʾ
40 - ʾ - 5 +40*60ʾ 0,+6+8ʾ 0 6ʾ 0+ - 3+0ʾ ""0ʾ +2ʾ :0 50 . - ʾ 3+.0ʾ + 20 - ʾ ,.56. *ʾ 5 .0ʾ
,0" 6ʾ ,+ - ʾ ""02 .*41ʾ ,10*. 06ʾ 06ʾ 40/6 . - ʾ 40/6 .ʾ 5 070*40*8ʾ , 04+"+ - ʾ 71 - *0 - ʾ
* 7 "ʾ 40ʾ ,1*<+ .6 1*0ʾ + 5 ,.*60 - ʾ .ʾ 0ʾ 4 - "06ʾ 06ʾ .+ 1*0* ʾ 5 1504 0 - ʾ :0*B
6+ 0ʾ *+""+ - ʾ . - 5" +8ʾ 4 " - +".6 1*ʾ "1,+ - ʾ +50 0"%0ʾ ,0 *0 06ʾ 1,,+5.*4+ - ʾ .6+8ʾ
5.*5ʾ *1 - *ʾ *ʾ +620ʾ .44 418ʾ ,1*:1,.6ʾ ,1* " 13+0ʾ 0/51 61ʾ 018.4 0 - ʾ 1 6 60 ʾ
90 0*4. - ʾ 75 6.6+ < 3+ 50 ,+"1ʾ *ʾ 5 .0:0 60 0*6ʾ 60 6 ʾ 51*6,ʾ ,+ - ʾ 5 1ʾ .,ʾ - " ʾ
6 2+8ʾ ." 3+56ʾ 7.40*+8ʾ ,0".6 8ʾ . - .ʾ ,050 0ʾ 06ʾ 5 - 1ʾ 4 "+,+"1ʾ ,+ - ʾ 0/,+2 .0ʾ 0ʾ 3+ 06ʾ
404 "%0*6ʾ ."2. - ʾ *16. - ʾ 5 1ʾ * 9*ʾ *ʾ 2 .,7 1ʾ * 6 1ʾ 90 6.*608ʾ 0/ʾ 71 5 6 1ʾ 5 +8ʾ 5 1ʾ
40+*6ʾ 06ʾ 5 + - ʾ 1,,+5.*6ʾ 4 0+ 0*60ʾ *ʾ 03+1ʾ 0**020 9 1ʾ 06ʾ 9".4 1ʾ 6 41ʾ .4ʾ
1 - *0 8ʾ 1,,+ +8ʾ 1*60 - ʾ 12:0 60*60ʾ 4ʾ 6 05 6+ - ʾ - 1/ʾ - 0ʾ ""02 .*4+8ʾ ,+ - ʾ
+ 8ʾ 3+18ʾ - .<1 0ʾ *+ .0 1ʾ +2 03+ʾ 02.6+ ʾ.,,+ 6ʾ < 06ʾ *ʾ ,1* 0 618ʾ - 0*8ʾ .ʾ 3+14. - ʾ
0**020 9 ʾ . - +"1ʾ 4+ʾ 40 6 *.61ʾ 506 6+8ʾ *ʾ 60 . - ʾ 5 16+ 2.6+ ʾ ʾ 3+1ʾ ,1*"5041ʾ
1, ʾ 7+0ʾ ""+,ʾ 4 +9 +*6ʾ 06ʾ + 8ʾ ʾ .04 2+8ʾ ." 3+.*4 +V6+,*6+ ʾ .56ʾ , , 60ʾ ,, ʾ
3+18ʾ *1 - *ʾ "5.*1ʾ - .9 8ʾ * 0 618ʾ 0 02.6ʾ 0*.020 9 +8ʾ ʾ 3+18ʾ ""0ʾ .4ʾ 0/6 0 - + -
*0ʾ

*0 5 06 1 4 * "6 $ *.1 - 5,6+ ,5 , %1 * 7 " +"6, +8 .0:R+ . .** 60 60 0*
,20 9 1 +, : , *.8 + 2,8 7+ - .* 6.6 8 0/0 - 5 1 .4 +.8 5. 608 50 6 .70 06 %.*6+ - ' #
-.9 6 .6+8 - +6.6+8 06 * :0 2. 1040 8 .2 5 1 ,+ - 5 1 090 * 6 , :08 .4.4
0 56 8 .4 : , *18)60 8 3+ 2+8 +6 . 6+ 2 4 8 2 *6,* ,* ,1*" " 8 ., .4 1*0 0 0
5. . 0*6 71 6.2.6+ 4 * : 1* . 6 *, 4 6 3+1 0140 - 4 0 06 ,.56. E 1,*
*9. ,6 . , 1 *+561 12 0 . 0 6 . - +2 0/ 5 1 +9 8 08 *60""04 . 0 6 5 16 *+8
61 . - - . , =+ ". .0 & 06.0 (,7.9.0 06 h 04.0 ,171 608 .4 + 20 - :0*0
+*6) 1 60 . - , 8 .47+, *609 8 3+ 4 +2 4 0 0 51 60*6 *40 + 6 . 1" ,
6.6.0 . 0**020 9 1 50 " 60 .8 0% .* ,".*.0 + 208 0/ 3+ 2+8 *6, ,,56 8:1"+*6.60
,<+8 50 504. - 1/ (1*1 4 " 90*6 . 9 . - 50*. 5 .0 4 1 - .6+ .:0*6 0* ,8
:061 9" ,0*60 " ,0*6 . *1* ,1*60*6 , . - 8 - +* 0 20""+ - 6.6+ 8 - .9 * 2+8
60 - 5" 8 * .4 1* 8 5.* , .0 14 + - *4 , .*6 40 - ?(Z1"0* 08 ., +*6 06 01 + -
0/0 - 5 1) "6 .<040* 08 06 5. " - 50 J . - ." 0*60* 08 " .*60 - 0* 0 -
,+ - " - +"., . 40< ,0 0 06 21*. . ,0 416+ - 4 :0*40 0 ,105 0*6 : /3+0 .2 .+ 1
0 * : 4 . - :0 61 ,17 2 6 + "%,*6 , .56. E 10* *9. * 1 - *0 - *60 - 50 0 - 0
+ +*6 "4,* 0". (6,* : , . ,6 . "0". * 6 1 * 40 0**020 9 +0 0 04
- 62 [170*"11 ,1 - 60 ,+ - 0/0 , 6+ .2 .+ 1*0* : 4 5 0,056. "4,*B
0". 3+ *40] *9. - ,1*60*4 6 " 0140 - 60 - 51 0 (1*1 +8 ,+ - 1 *+56
06 h *9. 40* ,171 6 2+8 10:1 4. - 3+ - +* 6 1*08 *,056.8 50 ,0 0*6 06
"1,+ - ,4+"1 - +* 0*6 A . - 3+0 0 60"+8 *60* "0* +8 .4 12 4 1*0 - :0*0 .6 ,+ -
504 6+ - 9* 8 06 03+ 6+ - 6+ - 8 3+.0 0**020 9 1 .*60 - " 6.:0 .*6
,+ - 3+0 +6 0 .6 6+ 2 41 *90* 1 06 5. + - 2 ,1* 6.*60 .4 7.0, ,1* 1 6 ,+<+
3+. - - 5.6 0*6 5. + - 0/ .+ 1*0* 8 0*60*6 . 08 .4 - * 6 . 06 .2 4 * 2+8
- "+8 +, .6 170*"1+8 ,+ - : ,171 6 2+8 7 61571 0" 60* 06 / +41: ,
. "2: A1.** 8 ,1 - 6 8 " 4 :0 1 - 5.6 , 6 " - , 6."R *60* "0* +8 06 1"4.0
1 60 ,+ - 8 ,1*: :.6+8 *40 : *1 60 - +",*6+8 ,+ - * , . 6 . 04 "06 6 2+*08 .,
4+41 ,8 3+. 20"" +40 8 ,1*6+ - 0" 1 0 .550"".6 06 0 4+,0 - +6 1, +8 03+.*6+ <+
206 : ,""0 0* - (,7+ 60*4 05.0 06 +2+ 2 1 + - - +* 6 1*08 *6 . 3+.8 E 10* *
90* 08 50,1 . 5. 00*4. " 20 0 .902.*6 0:0 60 , %+ * 150 ,+"+ - ".2 2+6; .,0
,1 5 6 ,6 - +"6 8 0+ - * 03+0*6 2+8 .4 (,7+ 60*4 05. - 60*4 6 3 . - *0 ,. 8
+50 . *1* 51 "0 ,+ - + 6 . + - 1*0 0*6 06 " 0 *60 0. *, .+60 .4 0*0 6 .8 <.
,+".61 .8 0 : 4. - 4 - , .6 1*0 - /1 5 150 ,1 53 , ,1*60 - 5". 06+ ,"15506 4+
* , .5+6 .4.41 60 * 6+ ,6 I 40" 6+ - +2 *.6+8 0 .6 050 6+ - .<1 0 0**0B
20 9 ".06 6 . 3+. - 4 *+ - 41"1 0 3+ 71 - *0 * , *418 ,1*6+ - 0" 1 1 ., 2
9 .: , - 04 1 +2".61 - .9*. 0 - 1"0 6 . 3+1 + - "", , 02+8 *<+" +8 - 002.6 "0
:.618 0*6 02.*6 .06 6 . 06 * 1" , 6+4 *0 - 51 60. 0**020 9 :0 6 6 ,+ - * 71
- * 8 2 * : 04 08 60 - 0 0 90 0*6 8 "1,+ - 4+,08 6 0*+18 ., 20"" 50 618 +
0418 0* 6 %.*40 - 12 0 0 4+12+8 5 15+9*.,+" 8 405+" 06 . - ". 5. 00*41
+ - 50,1 + - ,1 - - 14 6.60 *1* 6. - 0* .* - 18 40 51*40 +*6 .+/ " 1 + - 50 50
" 6, .8 06 *60 *+*, 18 , 02 1 ,1 - - 0.*60 8 . 5 1 090 ,1* ..6 3+. - : 8 - +"6. .4
:0 . 70 4 "0*6 . - ,6 +2 4 60 - 5+8 40 U 0,7" * . 06 h ""0*2 1, . .2 4 * 2+8
,.56. ."".6+ - 0 6 06 .+ 4" . 08 *+50 + - - ".0 ,15 .0 40"06.0 .8 5 1 0/ 5 150
. 5. - ,1* 0 02 ,+ .:0 .6 3+.0 , ,. 1:0 + - 4 +: 1"0*60 9 . .6.0 03+
6 2+8 ." 3+16 .4<+*4 8 , + - * 010 "0*6 +6 70*+ - 6 .* - 660 0*6 . : , * 8 09+" 8
5. 6 - 555 0 ".0 ., , .0 .0 +*6 5. 6 - +"6 . 1:0 + - +9.6.0 +2 + +8 .; 0
90* 2+8 06 . ,70* 2+8 6 0 0 5 .0,"+ 2 ,+ - * 1"1* 0* 8 0560 - : 4 6 1*0 -

% $ D , 2 ' 2 +.'
&) 6 : + 0 . A 2 6 . A +U . A
* . ' / . A ') # 0 + U 0 I B B ' ? 5
- C 6 / " +.' 0 I * & U $ X RB*'
0 ! 0$ $. A % . '

CIↃIↃLXXX. ſe effudiſſent, et populationibus late agros vaſtarent, duobus locis juxta [a] Linſium et
HENRICUS III. Eindoviam VIII Eid. Apr. caeduntur ac diſſipantur. Reliquiae in [b] Manderſcheitenſem comitatum ſe ejecerunt; ubi denuo reſumptis viribus congregantur, ſumptibuſque [c] Buchonis Aitae B. Bavonis Gandavi praepoſiti ac diligentia inſtruuntur, adjunctis IV Germanorum cohortibus, quibus legioni Friſicae nomen fecere; eique Gaſpar [d] Robles Billius a nobis toties antea commemoratus praeerat, et per ejus abſentiam Martinus [e] Schenkius. Primarii duces legionis erant [f] Jo. Momius, Renatus Decama, Lollus Liaucama, Camminga, Arentus Gemenſis, Henricus Snaterus, Euertus Enſius, Wibbo Gotumius, Wolfius Prengerus, Steph. Hallerus, Samſo Peſtellus. His acceſſit Schenkii equitatus, cum quo erat Thomas [g] Epirota, veteranus eques et ſex proeliis ſecundis clarus, cum aliquot cataphractis equitibus; ita ut omnes III CIↃ peditum, IↃC equites conficerent; qui, unius tantum menſis ſtipendio accepto, et Rheno tranſmiſſo, Lingam tendunt. His ſe opponere juſſus a Friſiae Ordinibus Hohenlous comes; qui cum ad [h] Bochöltum cum attributis ſibi copiis conveniſſet, relicto in Groëningae obſidione [i] Gulielmo Naſſovio et Sonoio, rurſus pedeſtreis copias ſummitti poſtulat: nam majorem hoſtium numerum eſſe, quam ut iis cum exigua adeo manu aleam ſubire poſſet. Entenſſenia legio huic deſtinata; ſed licentiae ſub Bertelo nuper occiſo aſſueta cum imperium initio detrectaret, ſerius advenit. Interea [k] Hohenlous XVI Kal. Quintil. [l] Ulſena diſcedit, et [m] Coëvordam venit; ubi, refecto milite, de confligendo cum hoſte conſilium capit, eo magis, quod [n] Oldenzela et Swola alioqui ſummo in periculo verſarentur. Swolae tumultuatum erat, oppidanis praeſidium admittere recuſantibus; et qui regiis partibus addicti erant, ruſticis, qui majorum ſacra colebant, collectis, Schenkio adventanti ut iter ad ſe dirigeret ſignificaverant. Verum Proteſtantes anteverterunt, et [o] Olgeri atque aliorum ductorum auſpiciis ſubito ſumptis armis forum et B. Michaëlis templum, [p] Campenſem portam et Rubram turrim occupant; [q] Daventriaque et Campena auxiliareis copias evocant; quibus advenientibus, regii fugam capeſſunt, eorumque aedes ſtatim a concivibus diripiuntur. Pagi, et vici [r] Maſtbroecae, quod ruſtici ab Ordinibus alieni eſſent, incenduntur. In [ſ] Tranſiſelanis item [t] Gelmuida arx, a Carolo V olim ad [u] Vidri oſtium in Germanici Oceani [w] ſinu tranſlata, exuritur et ſolo aequatur.

XV. Quo ſucceſſu cognito, proceres, qui conſerendi proelii Hohenloo prius auctores fuerant, eidem, ut proelio deinceps abſtineret, conſulunt: nam, occupatis itineribus, commeatu intercluſo et mora rebus interjecta, hoſteis commeatus penuria, ſtipendii defectu, fame, ſeditione aut alia neceſſitate cogente diſceſſuros: congreſſum contra periculoſum eſſe, cum neque peditatu neque haſtatis ſatis inſtructi eſſent. Nihilominus Hohenlous pergit; et Coëvorda per aeſtum diei inter ericeta et arida camporum aequora Herdenbergam tendit; quo jam Schenkius cum ſuis ante pervenerat, et trium horarum quiete advectiſque cibis ſuos in umbra refecerat. Ubi in hoſtium conſpectum venit Hohenlous, exercitum adhuc de itinere feſſum in aciem inſtruit. In dextro cornu [x] Wingardi cohortem et partem cohortis [y] Cornupti collocat, cum Naſſovianis VII, [z] Cunigamio vicario ductore. [aa] Iſelſtenium, qui VII cohortes itidem habebat, et [bb] Zeniſcam cum Oldenzelenſi cohorte ad ſiniſtrum pone campum arboribus conſitum ſtare jubet. Omnino pedites erant CIↃIↃCCC: ante aciem III turmae equitum ſcloppetariorum egregie inſtructae ſtabant; et haud hinc longe

INTERPR. [a] *Lins & Eindoven.* [b] *de Manderſcheid.* [c] *Bucho Ayta, prieur de S. Bavon à Gand.* [d] *Robles de Billy.* [e] *Schenck.* [f] *Hans Mom, Reint Dekama, Lol Liaukema, Camminga, Arent van Gemen, Hendrick Snater, Euert van Ens, Wijbo van Goutum, Wolf Prenger, Steffen Haller, & Samſon Peſtel.* [g] *Albanois.* [h] *Bocholt.* [i] *le comte Guillaume de Naſſau.* [k] *le comte de Hohenlo.* [l] *Ulſen.* [m] *Coevoerden.* [n] *Oldenzeel & Swol.* [o] *Ulger.* [p] *la Camper-poorte & la Tour rouge.* [q] *Deventer & Campen.* [r] *Maſtenbroeck.* [ſ] *Over-iſſel.* [t] *Geelmuyden.* [u] l'eau appellée *Swarte-water.* [w] *le Zuyder-zee.* [x] *Wingaerden.* [y] *Cornput.* [z] *Cuningham.* [aa] *Yſelſtein.* [bb] *Sedeniſca.*

"1*90 170*"16 8 5 ,',+-'03+ 6.6+'.,61 -0*6 8: '-.<1 2+8' 40 .6 06 +20 6+8 '
S0-,* 8,+-',,,'03+ 6 2+8')* :0 +8 03+ 6.6+8 '03+ 6 2+8 ,1* 6.2.6'' # ' '
, 4,*2, 9.0 5.9+8 .4 "+-0*' '&0,76.-'51 6+8 +*1'.' 10:1 4.' :'.'(Z1".'-"'
". 2+8 4 6.6' (+2 -0 4 0-',1,5--'5 10" -',+-'(,70*R +8 .6+ -"6. ' 1'
"0-'.:, +-'7.20 ,6'06 17,*"11'.2 1 6+':,* 0*6' *'1,+"18 0<0, ",6' 0,' 51""
,1*,056.8 5 ,,08'5 "0 8 40 -1 0 *'."6+-'<.4.6 8'.,'61 -0*6 8 4 5"1 8'H*.' * 0'
+*6+ ' $ -1'.'-'$ 8 6+ -8.,' -5 0 "1 ,' .4.'2 5 16. +-'03+ 6+-'.".,'
4+.,'5 1 "9.*6+ 'E, -.* 8 +9 0*6, 8 -.9*.':'+ 90*6 2+8' 6.'+6 09 +8 504 6.-8
<.-'5,4,-' 0, 06'06 170*"1+8 0:41 .'516 6+-', 040 06' 04 'J 8 03+ 6 2+8
51 6 5 -+ .' -5,6+-'5.".*6 2 8',+-'(,20*R .*',.6.57 .4',+-'-.9*1' 0 0*6.'
1 +-'*+-0 1' *' 170*"10* 0-'504 6.6+-'03+ 6.6+'*+4.6+-'06 . 8 7.6.6 8 -+'
* 6+-'*,+2+ 0*6' 6.6 -':0 .' 1 6+*.' 0* -3+0,,40 0 504 608 06,.-5+-' 0 '
40*20 9.0 +2<04+-'3+0 *'h *9. 4+8 +6 .' 1,,+5.*4+-',0* +0 .6':0 +8 60*'
40 0' 04',040*6 +-':0 6 9 8 ., 60 '*6 60*6 2+8 09 8' 51 6 ." 3+14 ,0 6.-,*'5. 8
6 .*8 &,,76.-'.+ +9 +*6' 5. 8 50 '5."+408 10:1 4.-'506)*6' 3+ 608 '504 6.6+'
+ 1'06 5 6 +9.-',1 5 +*6' 3+18 (,20*R .*'., 60 '* 03++*6+ ' .56 U :0"'
6 +8 06 0*1 +8'6 2+*' h *9. 4+8',1* "' ."+6. 8' 6 .2 170*"11'.+4 6+8 0 "06'
.+41 ' *',1* "4+' 1 6 60 '5+9*.*8 10,+2+ 6' '$151') R0* 6+8 50* "':07 ,+"1'
,+ 6-' +9 0*8'0:0 1',+ +'.2 * 03+0*6 2+8 -.4.6+ ' 4' '0/':4 8 40 '
.6',+-':/' '0/ 09 8 50 "0*6' (,70*R +8 61 -0*6 8 516 6+8 0 6 I*03+0 -+"6 8
5 .060 0.' ., * 8 06 -504 -0*6 8'*.-'-.<1 '5. 8 10:1 4.0 0" 4.'0 .6' 170*B
"1+8 "40*C0".-'"1,+-' 0 :.6+ +8',1*60*4 6' G+'0:. 0 0'5 16 *+8 10:1 4.-'
1'"1,' 0 :.*4' 04 03+18.,'., *.8 .:070*4'40 40 1'5 150 .*6' +2'+6 -.*0'
0*6'*+"" 8 5 0, 2+8'- * 8'*0,' 50 3+ 40-' .4.'.'(1 *+561 06 (60* 0" 1' .- "11'
.' 9*1 +-' -1/'.4 018' 0" 4.'E 10* *9.0 12 64 1*0':0*6+ 1 +-'50 +.40 '
516+0 +*6' &0 +-'"1,+-' * -+-',.+ .6'06 12',."1 ,8. 0 00*6 2+8 :8 3+.3+.'
50 :+-'5 .060 0.',1--0.6+8 06 5+":0 8 61 -0*6. '50*+ .-'-04 .'*140 4 '
,04.*6' 06 ,+-' 1 *+561' 2 "40*C0".-' 0 .4 170*"1+-' 00 5 +*6' $1 6 4 0
(,70*R +8 10:1 4.-'506 6 ' 3+.-'-"60 06 *,1" 8 :.,+.-' 050 6' G+'.47+,' *'
E 10* *9.0 12 64 1*0 7.0 02.*6' 0 618 *60 0. 9*0 8.,,0*402.*6'61 -,*6 "3+04S \'
5"1 8 3+. ':41 08 5+2",.-'".06 6. .' 9* ,.2.*6 < 7.,' ."".,.' E 10* *90* 0 8
6 +-' -0* +-'06 .-5" +8 12 64 1*0 .4 +--.8 .*9+ 6 .8 04.418 404 6 1*,-'
.4+ 18 .6' (04',19* 61 (,70*R +-' 10:1 4.-':0* "%0'*+"" 8 *03+0 . "2:'
*,3+0 (1*1 '-1* 6 8 .,'5 0, 2+8 .44+,'516+0 +*6'+6 4 +6 6 8 *',.6 8 -.*0 0*6'
3+ 2+8 *0 -1 .'*,0* 8 06 .56 8 69* 8'' 1,,+-.-'06 1""+-.-'60*4+*6' %+*6
(60*:,.-'-+* +*6' 06' 5 0".9.'V'h 9021"4' :. +-'. /',1*6 .'$ 360 6.*60 8
66.4+8 -. 6 -'.# "" 1'1" -'-+* 6.'06 51 60.'.' D 0**02, 9 ' 1"1'.03+.6.? 40'
*+1' * 6.+ . ',105 6' &. 8' *40 .2 +6 .3+0 5. 60 04 "0: 6U 8 0/504 6 1* 2+8 ,0 ?
6.6+-' (,70*R +8 6 + .5".*6' -"8 E 10* *9.-' *9 04 6+ ' ' 0" 0C 0".-' *'
,.*." 81 6 1'3+.M - +8 * "+ 6' 6.-' 0**020 9 +8 4+, 6'3+.0 .2 ." 3+16 ,170 '
6 2+8 5 6 .44 4 8 60*02.6+ '3+.'.990 2+8, ,+*4.6.' 5 0".9.-'.*603+.-'-+*'
6 1* 2+8 06,1--0.6+'* 6 +0 06+ ', *90 0 0 6 *.6 '06 *' 6 *060 *"&14.0 06 ,04.0
,171 608 .2 4 * 2+8 .+/ "1' - ".8 ,.04 6' * :14.' 5 2',.561'*0,' -+"61'51 6
'"1,+8 0**020 9 4 404 6+ ' *40 1""+-.-'60*4 6'06 11A*-.-' *' R1. 0 5,4 6.-'
' 5160 6.60-' 04 90 0 6.6+R' 6+' + -.-' "04' 0 0 .50 6.6' 06 *+"" 8 -10* 2+8
* +* 6.-

' ' ' '$ 'M N ' I B ' ' ' .'' ' 2 $' ?! 6 '2'" 0' 24 $
* $' M ' 8N + '6 '! ' [ ) # ' ?% '7' ' '+ U .5'
') '' R '6 'G U '' '6 '! ' \' ' ' '% 0L D' ' '" :
;' ' UG $' ' U" U ' I 'G&

%1' ' * ;'

CIƆIƆLXXX. munitam. Anno quippe hujus ſaeculi XXIII a Joanne [a] Goldenſtenio Geldriae prae-
HENRICUS III. fecto cum in [b] Waſſenari et Schenkii manus tradita eſſet, moenia et arx dejecta fuerant. Eam Hohenlous muniendam ſuſceperat, magno militum numero illuc evocato. Tum [c] Oſtmahornam milliari a Doccuma diſtantem inſtaurat, et [d] Diepam e regione Collumae ruſticorum bene erga Ordines animatorum cuſtodiae committit, et [e] Doccumerzielam vallo foſſaque firmat. Diverſa parte, [f] Entſius Coëvordae praefectus cum II ſignis et valido ruſticorum agmine [g] Meppelam munit, et vetera [h] Kinchorſtae moenia juxta oppidum inſtaurat, quae anno hujus ſaeculi XXXVI, tradito a [i] Magerhenio loco, diruta fuerant. Verum ſupervenientes Campena ab Ordinibus miſſi auxiliares opera diſturbant, et Meppelam Kinchorſtamque denuo occupant. Sub id tempus Ordines, ut excurſiones regiorum prohiberent, et maxime eorum qui per Rhenum navigantes Groëningam petebant, complureis naveis, quarum ſingulae X tormenta portabant, inſtruunt, et ſuperiorem fluminis tractum ad Coloniam uſque occupant: verum, cum inde principes Rheni accolae magnas incommoditates et graviſſimas ſuorum querelas ſentirent, contraria claſſe inſtructa eas retro cedere et per Rhenum deſcendere poſtremo ſubegerunt. Interea Delfezielenſes arctius in dies obſidebantur, portu aggeribus et foſſa ita circumſepto, ut neque aditus neque exitus pateret. Fruſtra ſummiſſae ex Batavia auxilio naves, ut commeatu regios intercluderent: tandemque, cum viribus impar Hohenlous hoſteis crebro laceſſendo ab obſidione avertere fruſtra conatus eſſet, praeſidiarii IV Kal. Sextil. locum dedunt. Inde Doccumam redit Hohenlous: et Opſelagam circumvallatam ac mox [k] Monincerzielam a Rennebergio aggeribus cinctam viciſſim deditione capit: tum Joannis [l] Norriſii [α] XX Anglorum ſignis in Friſiam ab Ordinibus, [m] Morgano duce, miſſis, et equitum turma, praeterea Michaelis [n] Caulerii Belgicis [β] VII cohortibus et aliquot Germanis adjunctis, qui ſpe Delfezielanae obſidionis ſolvendae venerat, fretus, contra Rennebergium, quatuor ſignis in itinere ſub id tempus caeſis exultantem, ducit, recentique clade ad Herdenbergenſem accedente exaſperatus eum ad Herdenbergam ipſam adſecutus aciem inſtruit. Verum Rennebergius caute ſe in tempore recipiens periculo eripuit, et Groëningam petiit; de qua obſidenda cum Hohenlous cum ducibus conſultaret, res periculi et dubii eventus plena viſa eſt. Itaque, caſtris ad [o] Zuitlarum et Nortlarum poſitis, Hohenlous iter [p] Ponterburgenſe inſedit. Tunc et arx [q] Werdenbraſa, quam Ezardus Embdenſis comes Georgii Saxonis ſummus vicarius olim anno CIƆIƆV ad prohibendam frumenti ex [r] Drentha Groëningam importationem exſtruxerat, rurſuſque anno hujus ſaeculi XVI [f] Euervinus comes Benthemius ejuſdem principis legatus diruerat, a Cornupto inſtaurari coepta eſt. Inde exercitus Coëvordam ducitur; et primo adventu ab Iſelſtenio urbs capta. Confeſtim arcem dedere praeſidiarii juſſi, ſpatio ad deliberandum petito et conceſſo, tandem cum Hohenloo tranſigunt. Captus in ea [t] Blommardus ille, qui Chriſtophoro Mondragonio ante VIII annos [u] Goëſae oppidulo in Mattiacis ſuppetias laturo ſe viae per periculoſa maris brevia ducem praebuerat. In ea obſidione Hohenloo et Willelmo Naſſovio ſub veſperam ad pontem uſque Groëningae equitantibus, globus VI librarum tormento diſploſus in pedem laevum Naſſovii incubuit; qui protinus [w] Swolam et inde [x] Campenam lectica delatus vix longo poſt tempore ſanitati reſtitutus eſt. Jamque inclinata tempeſtate, per praeſidia exercitus dimittitur: Hohenlous tamen tot damnis irritatus, ne nihil ageret, Lingenam obſeſſurus

VAR. LECT. [α] X Anglorum *D.* f. d. [β] VI cohortibus *D.* f. d.

INTERPR. [a] *Golſtein Droſſart de Gueldre.* [b] *de Waſſenaer.* [c] *Oſtmahorn.* [d] *le canal de Reitdiep à l'oppoſite de Collum.* [e] *Doccumerziel.* [f] *Ens droſſart,* ou *prevoſt de Coevoerden.* [g] *Meppel.* [h] *Kinckhorſt.* [i] *Mager Heyn.* [k] *Moninckerziel.* [l] *Norris.* [m] *Morgan.* [n] *Caulier.* [o] *Zuydlaren & Noordtlaren.* [p] *Ponterbrugghe.* [q] *Weerdenbras.* [r] *Drenthe.* [f] *Euerwijn, comte de Benthem.* [t] *Bloemaert.* [u] *Ter Goes en Zelande.* [w] *Swol.* [x] *Campen.*

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,1*6 .' 3+. -' ,2.6+' 170*"1+8' S."' (056' , .5 6' 06 , .56. -' 1"1' .03+.6' 1/' .4
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A 20 ,' .2 ,' 5, - "8' *40 "40*C0". -' 506 6 < ,+<+8 *' 5 .0 4 1' 0 .*6]' (Z060*' 06
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/ / : - ' 9* 8 ' : 40" ,06' / : ' "09 1* 8' J ,.0' ,+ ' A1 .* *0' ' 1 - 1' *' "0: ' ,0 6. . *,'
1 60' 1,, 1 ' A1 ' .56' 8' %. / 8' + - - ' : ,. ' "1,1' 5 .00 .6' /' *1 : .0' "09 1* 8' E0" '
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.*65 .060 0.03+ 608' , 60 ' ' (60*: ,. - ' 6, *,2.6' "61 +8' ,+ - ' +.' 5 .,'
"4 . .' ,171 60 ' ,+ ' 06' 1 *+56.*.' .4<+* 6.6' 3+. - ' * 6 1 ' 3+ ' *' + 20' 09 8' 5. 6 2+8'
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4.* 8' ., . - 0 61' .4.4" 8' *1*' .*60' 40' 4,4 6 1*0' .4+ + - ' 3+0*3+. - ' 3+. - ' 5 0' 5 8
- +8' :0 2.' ., .6' ' 3+ ' 0,+8' 0,0 6' ,+ - ' 1,, 4, ,' - 5+*0' " ,0.6' 1' <+ . - 0*61'
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40,5 8 .: 4 6.6 - ' 4+.2+851 6 8' 0 +56 1*0 - ' ., +*6' 41* 18' : , * 6.60' + 2 *,1 - '
- 14.*60 8' *,0*4+*6' ,6,1 - - 0.6+ - ' .,' 5+":0 0 - 61 - 0*6. + - ' 0,+ - ' *:07+*6'
) 28' 0 6' .4' ' . - ' . - *0 - ' 66.' *1 - *0' ,1 - 5"+ 2+8' .3+ 8' 0/' * 9 8' 5."+4 2+8' 616.'
09 1*0' 5 1 "+0*6 2+8' ,1 - - +* ' *1*' .4 - 14+ - ' 5. 6 1 .< 3+ 550' 3+.0' : /'
5. ++ - ' 2 6+ ' 5.60.6' . ,+8' 50, 0' $ 1 +*4.' 1"%.' .,' ".6.' 60*+ 2+8' - + 8' 5 .0."6 8'
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D - *90 .' # E. 6+ 6.' *6 .6+ ' A+/6.' E. 6+ . - ' .47+,' - .,0 .0' :060 8' . , 8' .'
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9 1*0' .' . 1"1' ' 0"9 1' .4<+*4. 4 - 6.0' : +*6+ ' 4' 1,, 40*60 - ' 0 6' 51 6.'
h ."60.' .4' 3+. - ' *.:08' .550""+*6 ' 3+ 1*0 - ' :0 +8' 5 .6.' +2<.,0*6' 3+.0' ' .990 '
- 04 .' 4 : 4 6' 51*6,' .2' .' 5. 60' . - 7 ' - 51 61' 6. *' 5 150' +6' 6.*6+ - ' ,"15506' <.4+'
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' * 6 +4 ' 04' 0 0' 20"" ' +408 ' *+"" ' 5 .060 0.' 03+ 608' *+"".3+0' 61 - 0*6.' - .<1 .'
*+ " ' 4+,08' 6.*6.' 4 9*.6 1*0' 3+1 + - ' - 50 .' 406 04. 0' - " 6' .+40' 0 "06' 6.3+0' 06'
- +"6.' 0:0 0' 06' 0/' 4 , 5" *. - " 6. ' 40, 06.' *60 ' 12 0 "28' *09" 902.*6+ ' ,6' ,+*4.'
0 0' ,1* +"0' .902.*6+ ' + - 3+0' 0**020 9 +8' ,. 6 .' :."'1' .,' 1 ".' - +* : "06' 1 2'
0" ' 40' 1 +561' 4.6.0' - - 0 - 1 08' 5 13+0' .' 5+40*41' 06' 50 ,+"1 1' 018' ,1* " 1'
4071 6.*60 ' 05 61". - ' .4' 4 *08' 50 0 0*4. .' 0 2+*6' /' S ." ' 1: ' ,+<+8' + - - .'
0 .6' ' * ' *6 .' 1 4 1' 4 08' .+/ " .' + - - 660 0*6+ ' 1 0 ' +6' + 20 - ' 71 6 ' 4040 0*6' .4'
3+. - ' 4 *08' " 6, 8' ,1*"2".6 1* 8' 5"0* 8' 0 0 2+*6' + - ' :0 1' *03+0' 0 20*4 '
*03+0' ,1*3+0 0*4 ' *0 - ' .,0 0*6' 1 *+56+8' ,1*6 . 1' 0 561' .4' *60 - 50 6 :.8'
.401' 3+0 0".8' 0"51*406' < 3+1' *03+0' *0,0"" 6.60' 70,' +"" 8' .4 - 14+ - ' 9 .: 2+8' *,1 - '
- 14 6.6 2+8' ,1* " 4. ' 12 0""28' .4013) 0' ,+ - ' .4' ; ' .* 5" +8' - 07 0 8' ,+74.' .2+*4,'
5 1: .' 6*6' + 6 .' 40' .+/ " 8' 4 *+ - ' .+ 08' .6 9. ' 40 - 1* 6 .6' *60 0.' .4' ? S+ * '
40 . - ' ' ",04.0' 06' +41" ' .*9 ' ,1" 1 608' 4+ - ' 0,+ +8 ' .9+*6' .' 09 8' ? *1"41'
E0 - 0*1 ' [' (7.60 1' 06' ." 8' 4+, 2+8' *24+' 155 - + - + ' .,' ,.04+* - ' ,04.' 5 0'
,.5 6+ ' : /' .*9 +8 ' 69*1' . - "%1' +9.' 0:. 6' 0 *' 05 .9+"+ - ' E. 6+" .0' 51 6.0'
9* 8' .2' 71 6 2+8' - - +8' ,.41' 5 ,0' " 3+ 4.' 6 . - *0' 06' +" + 0' 0 0 61' .4 - 161 '
04' 6.*6+ - ' 50 ,+"+* ' 3+14' *<0' + 2 ' - - *02.6' 71"4+8' 3+ 4. - ' 3+ ' E1 *+561'
* " 6.2.6 ' 150 .' +.' +"6 1' 40".6.' <+/6.' .+4.0' .,' ".+4.*41' ., *1 0' 4 ,+"" 6' . - ' ,'
- 10* 2+8

' % $ ' . ' ' ' CA . ' ' L *$ $ ' 0$' ' ' ' C , $B'
:+ U 7 2 ' $ ' A $/ ') ' ' . ' / ') / &
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16+-7.+6 8.3+ ʿ *,0*4 + -ʿ ,.41ʿ .-161ʿ 0 6 */6ʿ 40*6 40-ʿ +2".6.ʿ:1,0ʿ12 0$ʿ ʿ ʿ
1 08ʿ 50ʿ - "6. ,-ʿ". 0 : .-ʿ ,0"0 618ʿ.,ʿ".6 1*08ʿ:1,6.*8ʿ 03+0ʿ# *1"4+-ʿ E 10*?ʿ
9,"0-ʿ,, : . ʿ)+-ʿ,"%0ʿ."6.ʿ:1,0ʿ5 1,". - .*8ʿ %.*40-ʿ 0**020 9 +8ʿ: ʿS."
1:ʿ *ʿ ,.6 .ʿ:0*6ʿ ,+-ʿ5 1 09 8ʿ -.*4.6 8ʿ+6ʿ *1*ʿ 5 +8ʿ3+.-ʿ ,.56.ʿ + 20ʿ .2ʿ 12ʿ
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-16.ʿ 5 -1ʿ ʿ61 -0*6.ʿ 0,ʿ 1 *+56+8ʿ ,0 .2.6ʿ 3+ʿ 0/504 6. -ʿ -+* 0*4.0ʿ
+ 2 8ʿ .6 1*0-ʿ1 60*402.6ʿ ʿ+"6 .ʿ+ 2 8ʿ 1 %.*< .4ʿ"1 ,.8ʿ0/60 1 08ʿ: .-ʿ150 6. -ʿ
60 *.*6ʿ"0ʿ 0* -ʿ. -5". ʿ 1 .-ʿ06ʿ6+6 1 08ʿ 0 +56 1*08ʿ 1 0ʿ ʿ .4ʿ 7.0,ʿ ,1 - -14 ʿ
6.60-ʿ -. 1 0-ʿ 1"" 8ʿ 90"+ʿ ,1*, 06 8ʿ 9"., 0-ʿ .*90*4 ʿ 06ʿ 71 6 +-ʿ 155+9*.6 1*08ʿ
.ʿ6 .* :0 .ʿ06ʿ * 0 1 0ʿ5. 60ʿ46 .ʿ+""+-ʿ 4 0 -0*ʿ 5 15+" .*4 ʿ 04ʿ*03+.3+. -ʿ
.+4 6+8ʿ ""0ʿ ʿ 1* .41ʿ%70141 1ʿ ,+<+8ʿ ʿ$".60*8ʿ06ʿ ." ʿ6 2+*ʿ 0*60*6 . -ʿ 0 0ʿ 0ʿ
3+02.*6+ ʿ71- *,ʿ6+ 2 4ʿ.,ʿ60-0 . ʿ *90* ʿ 0-50ʿ ,1*6 .4 ,0*60ʿ *60 0.ʿ,+-ʿ
5 1: *, .0ʿ 4 *08ʿ .4ʿ 2ʿ (0560- ":.8ʿ 4ʿ"1,1ʿ*1-0*ʿ :ʿ ,171 608ʿ - " 0*6ʿ +6ʿ 51ʿ
5+".6 1*,8ʿ 0**020 9 1 +-ʿ -504 0*6ʿ 0**020 9 +8ʿ -1/ʿ 0140-ʿ." 3+16ʿ +1 +-ʿ
-0" +8ʿ 6 +4.8ʿ .2",9.6ʿ 3+. +-ʿ .4:0*6+ʿ ʿA1: *ʿ 26 *.0ʿ ,15 .0ʿ 06ʿ 1" :0 6.0ʿ
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40 .61 ' . - ' 8' , . +8' + +8' . * - 18' 155 4. * 8' 0, 6 ' ,6' .:. .0 8' * 09 6 ' 64' + '
3+. .: 8E1 41 * +8%0 4. , + - ' + 8' +50 :0 * 06' 09 * +8' 0 - ' 90 0 0 * 6 ' 06' 5 1, +"
4+2 1' : ,0' :0 .' 51 6' ."60 . - ' ,0 6. - 0 *' 5 ' 05+" ' + "0 * 6 ' * ' $06 +8' V 7+55 +8' : '
- 5 90 ' . ,' :060 . * +8' 4+ / ' 0 / " %+ 0 * 0 * .9 1 .44+41' - " 60 ' *' 60 - 51 0' .4 + "0 '
8' , + - ' , , ' 40"04 8' 50 ' 51 * 60 - ' * 1 : + - ' + 20 - ' * 9 0 "" 8' 2, ' ,"15506. 18' 12: 18'
<. - ' .990 08' 0 / ' 41" 8' 50 ' : ,18' " +0 * 60 8 ' 5 - 1' - 506+' 4 8<0, 6 ' 01 3+0' +9 0 * 60 8'
*' .040 8' + 3+0' 56 2 , .8' * 0, +6+8' 0 6 ' *' 3+ 2+8' ' 61 - 0 * 6. ' 06' ' ,1"+2 * .' 0 . * 6 '
3+.8' 06' ,05 6 ' 06' , .56.8' 5 .0 4 1' - .: 6 ' * 40 ' ,19 * 61' 155 4. * 18' .4' Ů ,71". + - '
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8: ."" + - ' ' 5. 6++ - ' * 60 : .""1' . * 60' 0.8' 4+, 6 ' - 1 / ' 06' : , * .8' .040 8' 1, , +5 .6 ' 2. +4'
, 6 .' ,0 6. - 0 * ' , 02 1' 0 + - 50 * 6 2+8' 12 0 " 8 ' 06' .:. 1' 5 1 ' * . - ' ,060 ' , , 4+, ,8'
.+6' * 60 04 ' .+6' .+, .6 ' +0 . * 6 ' *' - 04 1' 4 , - * 0' :0 . * 60 ' 06' 0 / , - 5"1' 1'
,+ * 418' .4' 0 - ' 1 6 60 ' 90 0 * 4+ - ' 71 6. * 60 ' * 40' .2' 71 .' / ' .4' :0 50 . - ' + 3+0'
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" * 0' ., ' ,0 6. - * 0 ' 55060 * 60' 4 0 ' ,+ - ' .4' .:. + - ' ."".6+ - ' 0 606 ' .+ / ". , 8'
- .9 * 1' * + - 0 1' .4:0 * 0 ' 50 ' . 0 * 0 - ' 51 6. - ' * 9 0 "+ 18 ' ,1 *, " 1' 7.2 61' 0 ' 4+ '
,+ - ' 0 * 60 * 6 .' 40, 06+ - ' + 6 ' +6' 7+55 +8' ,+ - ' $06 1' 5 401 04.' 6 0 * +1' 1 4 * + - '
4+41 0' 018' . * 60 :0 60 0 * 6 ' 06' ,+ - ' 8' 3+.: 8' ,1 * 4 6 1 * 0' ,1 * " 90 0 * 6' ' * 60 - ' I . '
:. .8' .4' 42 64 1 * 0 - ' - . * 0 06' " ' ,+ - ' , ' ,"15506. 8' 06' / / ' 0 / ' 40"04.' * 12 " 6.60'
5 16 * +8' .4' 0". * 4 + - ' 51 * 60 - ' 60 * 4+ * 6 ' 06' 12: 18' .+ / " . 0 8' 5 - 1' - 506+' + * 4+ * '
' 0 / ' 8' 1, , 8' ' %+ *' .4' .:. + - ' : 41 08' 040+ * 6 ' ,+<+8' <+ +' , ." 8' .4 - 16 8' 6. * B
40 - ' ,71 .8' 0 / 5+9 * . 6' 155 4. * 8' *' , : 6.60 - ' 0' 0, 5 0 * 6 2+8 ' / :' "1, 8' .990 08' 0 / '
41" 8' 40 - + - ' 6 +4 ' <. - ' 0 8' +6' 3+ ' 12 402. * 6' 06' 3+ ' 12 402. * 6+ ' &0 + - ' 12 6 '
* .61' *' 5 151""61' .:. 1' 06' .' E7+55 1' : ' +50 .6 8' .990 2+8' 155 4. * ' .4' 0 / 6 0 - + - '
,0 0 0 ') 28' , .56.' 06' , +40" 60 ' 4 056.' 0 6 ' +20+ * 60' . * - 18' ". * 0 * .0' . * 60' / / ' . * * 18'
5.6 .6.0' - 0 - 1 . ' 06' 0,0 * 6 ' 616' 4+, + - ' .+6' 1, , 2 + - ' .+6' 50 ,+"1 0' .+, .61 + - '
0 * + ' 0, ' .04 2+8' ., 8' 5. , 6+ - ' 06' . 6" + . * + - ' *' 5 - 8' ,10 * 12 + - ' 5. 6 - '
51" .6+ - ' 5. 6 - ' * ,0 * + - ' 0 6 ' 4' .4+ - ' 1 * ' . .8 ' + * , 1' 40' :1 * .' , .56.'
*' .+". - ' ."".61 ' 06' *' - .<+8 ' +6' 0' "1 * 9 * 3+1 ' 0' . - 5" , .6. ' - - . * 0' 3+. * 6+ - ' 0 / '
09 * .3+0' 5. 0 * 8' ,1 - - 16 ' + * 6 ' 013+0' - .9 8' 3+14 ' ,+ - ' 5. +"1. * 60' , 02 8' 0 / ' 3+ '
6. * .') 60 8' 40' .:. ' 504. * 6 2+8' .4' 20""+ - ' ,1 * " 8' ,0 6 1 ' .4+8' 0 606 ' 04+"1' .4'
1 1 0 - ' , 5 0 .6 ' : + - ' *' 1 , 1' ,1 * 6 * 0 06' ." 13+ ' 1 0 ' +6' 06' - . 6 ' ,6' 5 +8'
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+ 8' 0+ - ' +6' 40' .:. 1' "0, + +8' 0 606 ' <+202.6' *' 0. - 3+0' 0 - ' " 60 .8' 06 . - ' .4' $ '
2 ., + - ' , . * ,0"". + - ' ++ - ' 4040 .6' ' 3+ 2+8' 0 * / 0' 19.2.6' " + - ' +6' .4' 4,60 90 * 4.8'
0 / ' . * - 1' 09 8' - 1"0 6 .8' 0 / ' 20"" ' - 06+' ,1 * ,056.8' .4' 1 - * 0 8' + - 1 08' 0 ' 5 .0 61' 0 06'
+.3+0' 40' ""28' . "0:0 . * 60 ' 0 +6. 06' * . - ' ,+50 0 ' +6' 090 - ' 71, ' 20 * 0 , 1' 12 '
6 4+ - ' 7.20 06' 3+14' 06' $ 2 ., +8' 6+4 1 0' 0, 6 ' .' 61" 4 8' .+6' 6+ 2+"0 * 6 8' * 90 * 8'
5 1 0418' 40' 20""1' * + * , 18' 6. * 6.' ,1 * 6. * 6 .' . 6 * .8' ' +6' 51 6' 0 - ' ,1 * 04. - ' .+4'
5 ' 5. 6 , 5. "0' 5"0 3+0 ' 3+ ' : ' * 6090 - ' , . * 41 0 - ' 06' ,1 * 6 .' :. + - ' - 5160 * 6 8'
10 - * .0' * 90 * + - ' 9 * 1 .2. * 6 ' , 040 06+ ' 5 0' 0 / ' . - ' 3+. - ' *' .:. + - ' 1 '
4 0 - 3+0 ' .2 0 * 60 80:1 - 0 0' * 1 *' 5160 .6' *' - 0 + - ' $ 2 ., + - ' +2 61' 0:1, .6+ - ' 06'
,1 . - ' 5 1,0 2+8' . - . 0' * , 05 6+ - ' 0 +4 6' 5. +"+ - 3+0' : ' 156 * - 8' .' + - - 1' 06'
, .5 6 8' 06' 0 / 6 - .6 1 * 8' 50 ,+"1' .2 + 6 ' * ' .5+4' 20 * 9 * + - ' 5 * , 50 - ' 5"+8' 50 504.0
5 +8

5 +8 1" - 5 12 6.6 8 15 * 1 3+. - . , , - +8 6. * <+ 6 41"1 8 , * +8 : ."+ ",6 1
4, - 60 - 51 0 1*6. ,+6+ - * $ 41* 2+8 , .56+ - 06 ." . * 2 (. *61* 2+8 , . 60"".
- 1 . **1 +50 1 0 .667.0+8 P 0 +". 2 - .6+ - E.2."1 + - - 0
6 151" - . 6* *6, ,05, .6 * 50 : 9 " 1 .6." 8 1 - * , - 04 . *140 ,+ - .4 6 *
6 **.2+" 5+" + - 3+14 * - .<1 0 + 2 8 60 - 5"1 - - 0* .0 - .9* 6+4 * 8 0 .6 *60
: , *18 - 1*608 50 1*. *60 ., 0 6 ,5 6+8 . - .61 - - : / 0/ .+4 51 06 8U . 1
"19 1 ,+ - 4 ,",4 8 5 1 ,4+8 ,1*4 4. + 8 21 . ,.".8 .4 - 1: ,6 50 3+.80* / / :
5".6, . - 1, ,+5. *6 (+50 :0* *6 +8 - 1/ 1, 8 . *6,3+. - 155 4. * 50 60 - 5".
5. " ,1* : ,* 0*6 5 1 + 2 8 5 .0 041 3+ 5 - +8 . , ,+ 0 .6 1, , 1 0 +". "1 ,1
516 6+ 5. *0"8 0/ 40 0* 1 2+8 * 6+ - ,1* +9 0*6 2+8 3+ 5. +"1 51 6 ,+ - *+"".
.+/ " 1 + - 508 0 "06 404 6 1*0 - 0,0 0 &. 6.6+ - .5 * 8 155 4+ - 06 60 - 5". -
- . * .2 , 40 6 +4. +*6 " 3+16 51 6 - 0* 2+8 ,+ - 5", 3+0 0/ *12 " 6.60 : , * .
+*4 3+0 0/ E.2." 8 &0". +* 8 :0 * 8 ., & :. 0* 5.91 ,1""04. 0/ ,+ 1* ,8
71 6 + - 50 6.0 8 . * . ,+ - 4+.2+8 .2 + 20 "0+, 8 ,2* :0* "0*6 +6 - .6+ - : 0
, 50 0*6 4+, 2+8 *61* 1 %+ 1 (. * : 6." 06 7/ 61571 1 5070 1 09+"1
6+2 , *, - .4 0 - ". - - 66+*6 06 - .6+ - 404 - * ., 60 5,6+*6 %+2 , *, -
20*0 516+ - .4 018 0 - 66 6 0 +". ,+ - 71, 0 51* 1 ,+50 0 0 : ."40 +6 3+14
616 08 :0 2 8 *60 - * .6 " *6 0 5 .0 6. 0 ,1*0*6+ ?,060 + - 71, ""18 0 0 :0""0
* .4 0 :0* . 6 1 0 +6 .4 5 18 3+. - 5 - + - 5 0 :0* .6 0 51* + - 71, A6
. 19. *6 .0 5"0*+ - + .2 8 0/ ,056+ - < 3+ *+* .0 1 ,1* ,1*6 . .8 0 +". 0 -
* .8 ,1*60 - 5 0 +*6 + - 3+0 .4 4 0 - ,1*4 4. - *1* :0* "0*6 5 0 +64 4 8 40 -
., , 06 *140 ,1* ,+2 . ,+ - , , .6.57 .4 8 06 , , ,"155,6. 8 03+ 6 2+8 - .61 5 1B
,4+8 V . * . ,+ - 60*4 6 06 ,"155,6. 8 06 ." 3+16 0/ , .6.57 .4 8 40 00*40 0 *
50408 <+ 8 , 05 6. ,+". .4 +2+ 2 3+14 . 1"19 + - 504 .6 51 6. - .4 - 1 :06
3+1 + - : 40<04. 51 6. 06 6.6 1*0 . , - +"6 8 3+ ,1* 066 * - .<1 0 : 01 0/ ,+2.2. *6
60 4 8 5 0 ,1 0 6 - + - 5 6 (04 - " 60 .4 5 .04. - 4 0+ 0*60 3+.0 ,1
5 1 . 5. - . *60 1,+"18 :0 .2.6+ , + - + 6 . +18 71 6.6+8 0 06 +6 1 - ". 5 .04.
.4 71 - *08 5 18 * "041 <. ,0*60 8 60*40 0*6 3+ 2+8 , .56 8 5 .04. - .<1 0 516 6+
0 "0*6 6. *40 - 12 - 1 . - *60 <04. - 40 0/ 6+ :0 6+8 0,056+ , . * <+2066 06 15 - .
5 .04. 1*+ 6+8 .24+4 8 ,+ - 4 0 60 , , 03+ 8 20"".61 2 8 : 41 . , 6 + - 57.
2+*4+8 - .6+ - 0 :0 6 6+ .+4 4 + 51 6 , 0 00*60 12 5 1 50 18 +, ,0 +8 0B
+". 0 06 5 .0 64 . 1 + - 0<+8 " ,0*6 . J . *, 0+8 1" * +8 . 60"" 1*. 0+8 3+ (056
- . * .0 . .:. 1 5 .00 0 <+ " 8 0 .6 <+ :0* 8 * .9* . * - 06 <. - * " . .06.60 5.
60 *1 0/0 - 5"1 4 0 5" * .0 - " 6. 8 . *60 1 - * . 0 :0 +8 12 0 : .61 *03+ ,3+. - 5 + -
- 1*+0 .6 +6 . - ."0 , 8 3+ 2+8 .401 : , 7. *12 "R.8 6.2. - 60 - 5 - 06 + -
* 7 " 5 0, 2+8 ., - * 8 5 1 ,0 06 0/ 1, , . 1*0 &." 609.0 . , 8 7. +4 "1*9, . - .61
12 40*4.0 0 +". - 0 :1, .6 ,+ - - 0" 1 0 5 +8 5 .0 4 5. 60 3+. 40*+4.61 155 41
., "0 516 6+ 3+14 06 *1 :1 5 .0 64 1 - .6 G+14 5 1 , . 6 9.6 1*0 ., , 50 0 402+ 6
71 - 1 0 1/ 06 .+4. / .4 *<+ . - 0 :1, . : 6 3+. - 6. - 0* .4 60 - 5+8 5 0" 6 06 Y 1",1
. ,0 7. +4 7 *, "1*90 1, ,+5.6. . , - +* 6. 3+ .0 " 8 5 .04.0 . "+06 8 5 1 0,056+ 0 "06
+ +8 50 . 60"" 1*. 0 06 +1 + - .2 0*6 . - , + - 6. *3+. - .2 0/504 6 1*0 - " 6.
04 0*8 - .6+ - 5 .060 :070 06+ ,1 +56 8 ." 3+16 5 .0 4 . 8 3+ " ,0*6 . - 3+. -
4 0 5" * . - - ."02. *6 ,1*, ". - .61 0 +". 0 *1 - *0 + 20 - 10, +5 .6< 3+. - .2 01
60 - 51 0 60*+ 6 : /3+0 * 040 - 56. 9 . : 6 - 8 ,1*4 6 1* 2+8 .2 155 4. * 8 0/ +" 2+8
, : 6.60 3+. *3+. - 50 04 4. 4 . ,0 0 <+20 06+ 0 67 + 6

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& % ? . * . , ; - 60*4 6 06 !# 4
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5 +! ' '; &' 4'W0-5+8' 1*4.0 8' 3+' 5+6' ++-' 0/' J. .'4 ,0 +-' *' 0'9+*)' .,'
) '"' ' 6.** -'06' 40' *' E, .* . -' .4' .+/ " .'5 1,+ .*4.'6 .* 0 .6' ,+-' * 7 "' *'60-B
51 0'126 *+ "%06 ' 5 ",058' * .9* ' .* - ' 04'3 ' - .9* 8' ,1* " 8' 0-50 ' 0 0' .4:0 . - '
1 6+* . -' 0/50 6+8' 06 ' *' E." . -' 04 0' 6 + 6' 0+ - 3+0' 50 ' 0":06 18' 06' E0*, :. -' I
.41' 6 *0 0' .4'2' 9+ 0 + -' 12 1"061' 7.2 6+' 06' 0/ 9+1' ,1 - 6.6+' 60*40 ,6' *' (.2.+'
4 .0" - 60' ,.56+ '066.*6 -' 52 .6+8*0,' .9* 6+8 .4' 9+ 0 + -' *,1"+ - 850 :0 - <
.'3+150,+* .' 3+ 8' 06' ." 8' 02+8' *, ,0 . 8' .4 +6+8' 06' * 6 + 6+8' *' (,56 - .* . -' 40'
,0*4 6' + - - - 3+0' - 50 + -' 5 1: *, .0' .' . 60"" 1* .01' 06' ." 8' $ 16, 6.*6 + -'
5 .0 04 8' +"6 1' <40".6+ -' .,,05 6' %+ * ' +6' ." 3+1' 15, .0' 5 ,6 1' 5 .060 61 + -' *'
1 6+* 1 + -' - 0 - 1 . -' *4+,0 06' ,1*, " 1' 4+,+ -' 0 - .+" ' 7.2 61' *,91 + -' 4.6'
' E1*4 *1' "09 15 8' 0/' : - ' 9* 8' ,1* ".6.,'5 .0 041' +6' - .6+ -' 04 .' 60*40 0 ' 06'
,+ -' $1 ,. 1' 0X' 0 +". ' 3+ 4' .41' 15+8' 0 ",6' ,1 . -' ,1* +"0 06' *' 0/6 0 - 8' 0'
20** 8' - +"6.' "16.' 60*02.*6' 09 ' 3+.0' 0/' (056 - .* .' - .6+ -' 50 ' - 1*6.*.' 60*'
40*6 2+8' 60 ' * 5 6+ -' 04402.*6' 4' 1" *.8' E1*4 *+8U$1 ,. .' 06' 0 +". -'
12: 18' 7.2+ 6' 5".,+ 63+0' +6' 5 0' ' (5.* .,+ -' 3+14' 7.+4' 7 *,' "1*90' .204 ' 4+,0 ,6 '
$1 ,. +8' 06' 0<6+".' 4 :0 ' - .,7 *. + -' ,1*:070*4. + -' 06' 5+":0 8' * 6 .6' ,1 - 51 '
6.*4' ,+ . -' +"5 50 0*6' 3 +".' 0/' 6 *6 - .2+"1' ""1' .401' . - 1 1' 3+14')' * .6'
,.56+ -' ,1* ".:46.6' 4+1' 61 - 0*6.I06' - 04 + -' +*+ -' 0,0 .6' 3+.0' 50 ' .2 +56.' //'
21+ *' 5. 2+8' 7 0' *' 5 .0,058' 51*40 0' ".20 0*6+ ' *' 60 91' ."" 9.6 8' 6.*40 -' 5 .060'
1 - * + -' 50 -' 5' (5.* .,' ,1*"504+ -' .44+/ 6< 06' <+/6.' +2+ 2 ' 3+14' ' J"1 .,+ -'
I 504.6' 41 - 18' +2' :0"50 . -' & #$' $ - 0' - .*0' ., ' :0 20 .6 1*0' 5+" .6' - + ''
06' *' 6. 3+.0' 4*9+"+ -' 155 4' ,".+402.6' : '61 .0*61 + -' 40<04. ' + - 56+ -' 0140 -'
4 0' 71"5 6 + -? 41' ,1*" " 1' +6' 51 6 4 0' 04 *609 .6.' :0 20 .6 1*0' 06' + *.' A.6 1 0'
04 6.' 155+9*.6 X1' 0 06' &0 + -' 5 .0 4 . ' ,0"0 6.60' 71 6 + -' 60 6' . - 2 .*4. -'
"1, ' 5 .0 04+ - ' : ' *60*6.6.' .4 9+*6' +6' *1*' 0/504.61' 4 0' ,+ -' 5" 8' J2 ' +9.' ,1*B
+"0 06' 6.3+0' - 04 .' *140 %. * ' 6 .* - "%1 * - 1*6.*.1551 6.' ' 0".,+ - &0 +8'
0* 6+*6. ' + <6' *' 6 *0 0' 760 04 < ,6' *' 8' ' 1*6+"1*+8' < ." ' ,.56 ' 0" 3+ '
. - 8' .2<04 8' 06. 0 +*6' (5.* .,1' ,.561' 0 .,+ -' 51 6 4 0' 4+, 6+ ' .4 - 16 3+0'
61 .0*6 8' 51"' <00' 4++ -' 4 5"1 1*0 - ' 12 0 " ' 50 ' 1 . - 0*' *' . ,0' .4+ - *14+'
,1* 0 6' 0 + - 5+6 6' 06' 6 .* - 1' "+: 1' .4' 2' 0 0 - .0 .*+ -' *' +60* 8' ,1* +' '
9 +*6' 8' "1, 8 5 .0 4 1' .' 0 +". ' - .6 8' 3+.6 4+1' 51"' .4' V 04+.*' - 10 2+8'
- +*' 155 4+ 7' .4 - 1:0*6+ ' ,15 .0 ' 5+" .613+0' "1,1 ' ,+ -' ,' . - 5" +8' 4+N 4 '
5"1 ' 0" 0*6' 06' 5 .0 4 . ' * 7 "1 - *+8' 60 - 50 6.6' <. -' *," *.6.0' ,1* ' .* - + -' .4' '
+ 6 *0*4. -' 12 4 1*0 -' 12 - . 0*6' *60 ' 4+,08' ,1*:0*6+ -' + 6' +6' E1*4 *+8'
3+. - : 8' <. -' 5 90."6 8' * : 2+8' 06' *60* 1' 91 0' .4' 12 4 1*0 -' - .*0 06' $1 ,. +8'
06' 0 +".' .4' ,1 7 - 0.6+ -' 5".8' 06' 5 "6 0 0 -' ,1 - 51 6.*4+ -' .2 0*6' 04 1' 60 - B
51 0']' (.*: 6." 8' X.2' 12 0"' 8' .+/ " 1' . ,0"' 6+8' ,+ -' , 1 1' ,"15506. 8' 4' ,' 03+ 6 26 8'
&0* 6' L' 04 ' E1* 4 *1' *6 .' - 6 * 6 16608' +.8' 6' +2+ 2 ' - .,0 .8' 0' ,1*6 *0*6, ' 06'
7;0 - 8' . 50 6.66' +18' .6 9.*60' + 6 .' + 6' < 6.*6+ -' //' 40"0418' *' . ,0 - ' (6.:0 1'
4+,0' *6 14+/ 6 ' 40' ,060 1' 0 * 04 .' 4 00 6' (.*: 6." 8' 4 ,,"%+' 60 6' 5 .0 4 . '
4+140, - 1' 51 6' 4 0' + - - .' - 5 +4 *6 .' 404 6 1*0 -' 0,0 0' 40' : 6.0' *,1"+ - 6.6,'
,.+6 1*0' *03+0' 506 6.' 03+0' .' E1*4 *1' *60 51 6.' 6.3+0' - +"6 8' 0/' 8' 9+".' ".3+01'
.4.' ' ,.56 ' 3+ ' 0/' ., 1' 1 4 *0, .*6' 9 .*4' 50,+* .' : 6. -' 040 - 0 +*6' .56.' 06'
' (056 - . .' .' 5 160 6.*6 2+8' ' .: + - ' .5 . .' 06' .+ 0*6 ' .7+ -' *' 60 0*" '
4 10,0 ' *' .) 0.,,*" .9 1A E. .66+ - 70,*1* 1*6 - .,+ -' 650" , 8' V (0:0 *

3 $ %

9 - 6YDY!' ? % ' 5 <$' , ' O ' $'
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$' +' " 7 ' '% $' +' " 5' A'
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(.":.61 8' +20 60 .*.< # 1 - .:0" + - ' 2 15 .*+* ' 06." .' , /' 3+ 2+8' , 02 .0 , / '
,+ 1*08 *Z9*1' 5 1: *, ." + - ' 406 - 0*61' 02.*6' 140 - ' 60 - 51 0 ' J.*+ - '
' 0C0 ' 3+.0 0 6 1* 0 .*1 + - ' - 06 151" 8' . 6+' .' 2 0 - 1*6 1' 6 0*+1' 1 4 *+ - '
4+41 0 *60 ,056+ - ' 0 6' G+.0' 1 - * .'"1,.' 51 6 5.,0 - ' *60 U *4 *+ - ' 06 .:. + - '
,1*50*6. - ' 0 6 6+6.' +76

&' ' ',' ' 9+ 0 +8' *' 0" *.6+',0 .2.6' +2 ' ,+ - ' + 6 , ' *12 " 6.6 8' * 1"0*6 . *'
5, 6.0 ' . - .' + - 5 "%,*6' *1*' - *1 0 06 5 ' * 1"0*6 .' *<+ .8' .' *12 " 6.60 .,,056.8' '
,1*6 .' ." 18' 1 4 *08 +", ,02.26+ ' *' 018' 4+/0 . 6 .+ 0*6 +8' .+9 1*+8' ," '
*.6+8' 06J .*4 0+8' 8 .*40"16+8 +94+*,* 8' 5 1: *, .05 .0 04 09 8' <+ +' 3+ 06'
*60 - 50 6 :.'6+0*4.0" 20 6.6 8' 5 .0"+4 .' 40 04 1*+ - ' * 6 .' *60 5 06.2.6+ ' $ * '
, 5 1' 9+ 0 +8' .*60 .,,056+ - ' .2 . - 1*6 1' - 50 + - ' 0. *' 156 - . - ' 20"" ' * '
,71.*4 ,1 - - 14 6.6, - ' 0/ 6 - .:0 .6' ' ,+ - ' - 6 , 8' : 0 8' 1, . 06' 04' *<+ ""/' . '
:. ' * 7 "' 7.40*+8' 60*6. 0 .+ +8' 0 .6' +*,' .+60 - ' .,,056.' .2 . - 1*6 1' 60""0 . '
3+. - : 8' <. - ' "" ' , - 0"' .63+0' 6, + - ' .4' ' &."0*6 . - ' 06 1 - .* + - ' 4020"".6' 0 "0*6'
+60*4+ - ' 1,,." 1*0 .6+8' ,+ - ' ,15 8' 3*.8' 5. .6.8' 7.202.6' 3+. - 5 - + - ' .4' 018'
60*40 0 6.6+ 6' 3+ ' 0 0/' +"6 - .' 6 .90 .4' 1 0*. - ' 0,050 .*6' &0 + - ' 6 .* - " 2'
S."' 5 ' * .' E .6 .*151" - ' ' . .' ,+ - ' *' 01' 0 06 +6' *' & 0**0* ' 5 1: *, .'
,+ - ' + 6 , 8' 0 ,1*<+*9, 06' ,19* 61' <. - ' + 6 ,18' 1 0*.' .' 5 .0 0 6 8' 09 8' *,"+ 18'
: 6.*' 06' 08' .":.8' 5. 618' 404 6 1*0 - ' 0, 0' * 7 "1 - *+8' 60 ' 50 03+ 6+ ' < 06' 6 . \'
4+4 8' .4' *G+ *6 * .*+ - ' ,15 8' 3+. 4. - ' 09 .8' ,171 608' 51 6 : 41 . - ' 0,+ 0 5.'
' ".*60 8' *60 , 5 6' 06' *6 .*'%+"" *+ - ' 01 - 5+" .8' .4 - 16 8' ,." 8' - 04 .' 4 0 0/5+9*.6'
.,',.04 6' G+1' .41 ' .4' - 1*6.*.' 40 "0/ 6' 06' 9.*6 1*, - ' 40' 3+1' *60 , 5 0*41'
,1* " .' 0, 06.' ,+ - ' ." 3+16' 155 4.* 8' .9 6.:0 .6' ,+ - ' + 8' 506 6' " ' ,1* +"08' 155 4 '
+0 .*6' 3+ ' 50,+* .' 5+2" ,.' 4+ - ' - .9 6 .6+ - ' 90 0 0*6' *60 :0 . ' 50,+".6+8' 51 6+ '
".6 ' +6' <+4 , + - ' 0 +9060*6' 40' . ,0 1,,+5.*4.' 06' *' 9+ 0 ' - .*+8' 6 .40*4.' 40 - '
12 6 */0 .*6' 08' .4' U' / : 'S."' . .8' 4 4.' < 3+. - "" ' * 6.*60' <+4 , 4 0 0/' 40 50 '
.6 1*0' 0 + - ' +. + - ' 60 - 0 0' .*60:0 60 +*6' ' - 1/3+0' .2 155 4.* 8' 06' , ,+ - 51 6 8'
515+" 8' 12 0 ' ,1 - - 0.6+8' *15 .' 4040 0 0 ,1.4 ' +0 - *6' .*603+.* ' 9+ 0 +8' .4'
,1*4 46. - ' 4 0 - ' :0* "%06' 8' *' *0 0 ,+ - ' <. - ' 404 6 1*0 - ' .4. - ' *60""0/ "06' 06'
404 6 6 18' 0,+ ' 50 ,+ "28' 06 1' ,0 " 6' < 06' 40' D + . ' 3+. - ' 5". - ' 0 0' 616.' 5 1: *, .' ?
60*02.6' - +* 0*4.' ,19 6. 0 ,105 6' A. - ' .**1' +50 1 0 1*4.0+8' ' J. . - ' &0 1?'
- .*4+1 + - ' 3+. "' *' 5 .0 04+ . - +. - ' :,*0 .6' ,+<+8' *9 0 "+' 7.40*+8' 5 17 2 ('
+0 .6' 06' ,+ - ',".*40 6 *. - ' +. - ' 5 1 04 1*0 - ' .5+4' 090 - ' 0/,+ . "06' : 40 ,63+0'
' 01' 08' +.8' 04.4.8' +6' * ' : ' 0. *' + 20 - ' 06 *0 0' *1*' 51 "06' 5 .0 4 1' *' 0.' 0" 41<'
J .*, 0+ - ' 0 1*. - ' "1,1' 5 .0 , 6' 06' 3+ .' 40' 12" 4 1*0' 4+2 6.2.6' 71,' .**1'
- .6+ 0' *' E, - .* . - ' .4' .+/ " .' .,,0 0*4.' 0:1".: 6' .41' 50 ' 0"9 + - ' 6 *0 0;'
+<+8' 4 , " +' 3+. - ' .4:0*6+' *' $,. 4 . - ' 0/ ' 06 ' 0+ - ' - 1 0 60' 6+"0 .6' - .9 8' 1" ?'
, 6+8' ,+ - ' : 40 06' 0140 - ' 60 - 51 0' *' 3+ 6.* .' 06' 0" *.6+' 08' 6+ 2. 0' 06' - 06+0 6'
*U' 0/60 *+ - ' ." 8' .,,0 6 8' *' 5 8' 09*' 50*06 . 2+8' 70" + - ' 7.20 0 ,190 06+ '
5 .0:0 60*4+ - ' .6+8' 6 0 8' 0/0 , 6+8' " - +"' ,1* 0 2 6< 06' +* ' 3+ ' *' 3+ 6.* . - '
40 6 *.2.6+ ' - .*+ - ' 1*+ - ' 03+ 6+ - ' 6 2+*+ - ' 5 .0 , 6' <. "60 +8' *' 0" *.6+ - '
4+,0*4 ' ,+ .* ' . 1"1' ' 167. *91' 04+.*.0' 4+, ' 60 6 + - ' 40* 3+,' <.0521' 6E1 '
2 1* ' .6 9*1*1' 03+ 6+ - ' 6 2+*1' .4' J. . - ' &0 1 - . 4+1 + - ' 12" 40*4. - ' ,1 - '
- 66 6' :0 + - ' 0 +8' 08' .2' 01' 90 6. ' - .6+ +8' 1*+8' 06' 04+.* +8' *' 5 1: *, .8'
3+ 3+0' +.8' 5 1 04 ' +*6' *' 0/0 , 6+' 04+.* ' , .*6' : "' , 1' 504 6+ - ' > ' '
03+ 6+ - ' ,+ - ' "1' 1 "2 2+8 ' 3+ 2+8' ,15 8' .,,0"" 6' 5 1: *, .0' 03+ 6.6+8' 06' / :
, , 60

& ' % ' 6 ' Ne - ' + ' + ' '
'%' ' '$' '8 6 ' ?5 ' /3+ '5 ' ' . ' ' $' :' '5 ' M ' '
' 0' ' 0' ' ! 6 ' ' '5 $' 9 ' ' 6 ' '5' $
2 (!)')' 0 " !)$ 2 !)$ 29 ! $ 2($ U52 # "$ B' ! !
#' ' ' (' ' ; !! ' 2 ' ! 2 ' ' " ' ' 9 "' ' # ! !$

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, ,60 61 -0 6. *0. 050/6. +- 8 + .- 3+. - 9+ 0 +8 0 6 *.6 8 150 2+8
) "" " " ! & "". 106 5/. -1*6 1 .4 4 5 .051 6 8 04. 4+, 6 *0+*60 (0560 -2
55 4+- 0 6 "1,1 *.03+." 66+ - ,+ +50 -51 6. 0 6 . / 6+ - +"6+. 1 150 0 .
9+ 0 1 -+* 6.N 40 0060 1 1 ". 5 1 +*4. : . "".6+ - 06 * .*9+"1 3+ -0 4 0-
0 5 , 02.6 . -5" " -1 5 15+9*.,+"1 - .6+ - .4 3+14 .*603+. - .4 +. - ."6
6+4 *0- 50 4+46+- 0 06 :0 20 .6 1*0- 4 9 5".,+ 6 09 1*0) "
I" 2 +-5 0 .6 04+.* +8 ' 06 +5 .0+ - $10 +8 $. ".9 +8 06 0":06 * . " $
40"16+8 60*61 . /0 .6 % 2+8 5. 6 2+8 :0 20 .6 1 * 6 6+6. 06 : 61 - 0*61 +-
IP ". 1-1*6 1 1*60 5* 1 616 40 - +41: ,1 1*".+ 1 ,1- 6 ,+ . .66 2-.
0 6 3+.0 51 0 6. : 20 .6 1*0 "1,+ - 5+" .2.*6 4+1 . ". 61 -0*6. *60 04+.*
06 $. .9 71 5 6 . 4 04. 0 . 6 616 40 - 0/ . "60 . + 2 8 5. 60 ,1"" . 4+1 -51 6.
3+.0 5 .0 4 . 18 *6+8 1 ". .* .4+1 . 4+4. 0 40 ,*40*60 8 06 .4 09 1 +- -506+8
"01551*0*60 8 . 60 91 * 0 6.2.*6 "60 + 2 8 ".60 3+14 7+ , 12<04+ - 0 6 ,1" ,8
5 .0."6 - - *0*6 ' * 3+ 2+8 U (., 1-1 +8 .9+8 "09 1*0 - 7.202.6 06 61 B
-0*6. 4 51 6. 0 . 6 0/ 3+ 2+8 6 .* :0 . :0 20 .6 1*0 . / * 0 6.2.6+ + +8
+56. 0":06 18 A1.**08 . +8 :. 16+8 <+/6. . ,0 - ,+ - +. "09 1*0 0 .6 6. +6
.2 1- * 5. 60 6. - + 28 3+. - . / . 4. 12 4 1*0 , *4 . : 40 06+ "5"1 8 .4 5 1
5+9*.,+"+ - 3+14 4 / . -5" +8 * , 1 61 -0*61 +- 4 2+8 ,+ - +*. 06 . "60 . 15
5+9*.6 1*0 09 05+" 0 "0*6 : 1- . ,+* ,+" 8 .90*4 8 ".21 * +-56+8 0 6< 3+
2+8 9*0- ,1*, 5 0*6 2+8 06 "+ J1 "2 - + 1 6.*6+ - 5 1 0, 6 04+.* +8 +6 12 0 "
. - "" 8 0// 0/ + 8 06 * +"6 - . 155+9*.6 1*0 7 (.*<1.** 1 9+ 0 1 1 8 "1
3+ 5 15+9*.,+"+ - 6+02.6+ "1,+ - 40 0-0 *6 06 0 *6 . 1 ". - 7.*4 "1*90 7 *,
,/ 6-4. - 0,050 *6 04+.* +8 5 15+9*.,+"1 516 6+8 06 6.6+6 8 - 01 . " 3+16
"9* 8 ,+ - " 2 041 4 0*4. - 155+9*.6 1*0 - ,0 *0 06 <. - 5 .0, 5 6.*60 .+6+ - *1
06 * : 2+8 3+.0 "" 8 "1, 8 *90*608 0 2 1"0*6 - - *0*6 2+8 5.+"+ - .2 + 6 3+ *
.2 12" 4 1*, 4 0040 06 :0 +- 50 " /. - .2? 0 ,+"0 9 1 0*6." (."+, .0
5 *, 5.6+8 * (+2."5 *. 09 1*0 155 41 *.61 06 -+* 0*41 +- "1,1 +- .55 -0
50 61 -1* 6+8 6 .4 "1,+ - 40 9*.6+ - :0 20 .6 1*0 - 6 .*8 0 06 1 0 +6 12"0
1 +- -+* 6 1*08 , 6 . 1 . - 0/" +4.0 5 8 516 +8 4. - *1 3+. - 6+6. -0*61 0 0*6
* 12 4 1*0 50 - .* 6 9 6+ - .,7 * 8 6 .* ".6 8 12 0"" 3+ : 40 0*6 <.*< 155
4+ - 40 0*4 *1* 51"%0 01 40 0 61 06 1 0 * . ,0 - 0,050 +*6 . * ," : 1 155 41
- - *0*6 " . 0 .6 3+ *3+0 -+* -0*6 8 50, 0 1 , 5+ - 0 0 *: ,0 - 504.*6 + -
: . "". 6. * 3+. - .4 , 1 , ,504 608 06 , , 60 , 03+ 608 - .9*1 - -+"6+ ,1* 9, +*
*+-0 +8"1, ,1- -14 646 2+8 - .<1 6.3+0 51 6 : 4 0- - 5.6 + - .3+. , 60 *.
+-1- * *1 0/7.+ 6. 71*0 6 " - 8 6. -0* ,1*4 6 1* 2+8 . 04+.* 1 -506 .6 8 4
- 12 0 " ,+ - / * 4 08 "1,+ - 60*+ "%0*6 06 4+.2+8 155+9*.6 1* 2+8 05+"" 8 0
-0".63+0 60 +- ., 6*9+" 8: , 2+8 *6 14+4 8.+/ . 2+8 .4 + - - .8 .*9+ 6 .8
04+.* +- 0409 "0*6 # 6. +6 * 6 .3+.0 50*+ . 12 0"%18 .4 404 6 1*, - ,190*6,
,+ - 4. - *1 4 00 + +8 + 0 , 04.6+ ?
& . * 5 1; *, . - :0* 06 04+.* +8 0/ +6 $ 160 6.*6 + - ,1*.6+8
,"+40 06 01 +-3+0 : 0 8 ., ,1* " . 4 : 40 06 4 5"1- .60 * 1* A+* 5 1- +"9.61
04 ,". +50 1 . * 5 1 +- 9 .6 . - .4. ,1* - .:0 .6 .* 6 1*0.44 6. +6 3+ 20*0
, 1 01 * +6 ;0"<0*6 41- 5.,.60 .2 1- * *<+ . 0,+ - .*, 0 51"%0*6 3+ 3+0
"" 8 3+. * 0 :0" :0 21 ;0" 041 *1,, 0*6 * 018 .*3+. - 50 4+0""0 8 . - .9 6 . -
.* - .4:0 60 06+ 4 - +"618 *) " , 1 ,1*6 *+0 .6 41- 0:0*6+ - 3+. *6+61
1550 0*60 8 06 2, 1 +- 50 ,+"+ - *09" 90*60 8 3+18 + 6 . 9+ 0 +8 .4<+*4 8
.:. " 60 8 -1*+0 .6 +6 1- 23+ 06 8 +,.6.0 50 * , 1 1 ,1* " 1 0,+ - : 0 8
,1*<+*90 0*6 <

% , $, * + 4 & X 4 &
+ 4 & . $ 5 6 0
? +& /B .+ ! * + . $ 4

,1*< *90 0*60 ." 13+ˢ 1 0ˢ +6ˢ 4 : ˢ . , " +8ˢ "*9+"ˢ , . 50 0*6+ ˢ 06< 6.ˢ5 1 " 9.6 8ˢ 4 ;
02+8ˢ 0 .ˢ 51, * 6, *6 .ˢ0 %,6ˢ (,4ˢ :0 .ˢ 4 ,0*6ˢ 9+ 0 1ˢ - * - 0ˢ .+ ,+"6.: 6ˢ5"0 . ˢ .
3+0ˢ *12 " + -ˢ5. 8ˢ +"6ˢ0/ˢ 8ˢ1, ,+"61ˢ" :1 0ˢ 9+ 0 + -ˢ5 1 03+02.*6+ ˢ3+0 *ˢ *ˢ
+ - * ˢ 06+ *ˢ5 . , , 6+ . .ˢ . : . 1ˢ51 6ˢ 1*2 +* ˢ.*60ˢ 0/0** + -ˢ +55" , 1ˢ. 0 6ˢ
- 1 60 -ˢ5 .4.6+ -ˢ41",2.*6ˢ .8ˢ1, ,+"6.8ˢ5 1,0 + -ˢ.0 - +".6 1*08ˢ06ˢ - +"6.608ˢ, + -ˢ
04+.* +8ˢ3+.ˢ, .6ˢ .9., 6.60ˢ5 .0 ,* 06ˢ12: .ˢ7+ - .* 6.60ˢ, +*418ˢ5 0 .*41ˢ06ˢ
*90*6 2+8ˢ51"" 46 8ˢ1*, .*41ˢ - .ˢ. 60ˢ *ˢ ++ -ˢ,1 - - 14+ -ˢ:0 6 6ˢ, .56.3+0. + .ˢ
E .6 .*151" -ˢ5 1 04+8ˢ,1* "+0*60ˢ.4ˢ 0+ -ˢ+*4 3+0ˢ$ 160 6.*6 + *ˢ*12 " 6.60ˢ3+.ˢ
0 0ˢ 1".ˢ, *4+8ˢ *,0402.6ˢ 2 0:ˢ60 - 51 0ˢ5 1: *, . -ˢ5., .6. -ˢ7.2+ 6ˢ 6.ˢ+6ˢ3+14ˢ
." ˢ: /ˢ - +"6 8ˢ - .9*.ˢ, + -ˢ .*9+ * 8ˢ<.4+6.ˢ,1 - - 8ˢ5 10" 8ˢ0 ,0 0ˢ516+ "%0*6ˢ5 +ˢ
40*6 .ˢ06ˢ.* - - 140 .6 1*0ˢ,1* , , "0ˢ *1*ˢ 1"+ -ˢ *ˢ5 1: *, .ˢ 04ˢ *ˢ.+".ˢ 5 .ˢ<.4.ˢ
06+ ˢ 9 6+ ˢ 0" 3++ -ˢ.**ˢ3+14ˢ + 6ˢ *ˢ,1*: : 8ˢ 0 6 8ˢ06ˢ7. 6 +4 8ˢ - 50* + -ˢ0 6ˢ6
*ˢ3+ 2+8ˢ515+". 6.60ˢ. 04.6.ˢ1 - * + -ˢ1 4 *+ -ˢ20*0:1"0*6 . -ˢ* + -ˢ *ˢ - 14+ -ˢ
" 2ˢ,4*, " .: 6ˢ 04+.* +8ˢ 6.ˢ +6ˢ 408ˢ 0<+8ˢ6.*3+. -ˢ" *,0 ˢ06ˢ.2ˢ1 - *ˢ +,1ˢ." 0*ˢ
5 *, 5 8ˢ *ˢ 5 1:0 2 + -ˢ6+*,ˢ.2 0 6ˢ 9+ 0 +8ˢ 5 0ˢ, + -ˢ40ˢ 0,+ 6.60ˢ 5ˢ, .+6+ -ˢ
4 06ˢ .4ˢ, + -ˢ:0* 6ˢ + - - 1ˢ *ˢ71*1 0ˢ. ,ˢ5 06 1ˢ7.2 6+8ˢ &0 - -ˢ .+" , 8ˢ . 6 2+8ˢ : 6ˢ
- .<1 ˢ, + -ˢ + 6 .ˢ 1, 18ˢ - 1*+ 06ˢ *0ˢ 0ˢ 8ˢ6 .* :0 18ˢ.9ˢ., ˢ51 6 0 - 1ˢ4045ˢ *0ˢ
0*6ˢ * 6.*60ˢ 04+.* 1ˢ +6ˢ 0, + -ˢ6 .* 90 06ˢ06ˢ ""1ˢ .: . ˢ,1*6 . + .ˢ - 50 + -ˢ
ˢ, .+ .*6,ˢ51 6 0 - 1ˢP(0 . -ˢ, + -ˢ5.+, 8ˢ 0*60*6 .0ˢ +.0ˢ.55 12.61 2+8ˢ 0ˢ ,1*6+" 6
?3+1ˢ .4ˢ , + -ˢ 6.6 -ˢ 9*0+8ˢ :0* 6ˢ.ˢ .: . 1ˢ - +8ˢ 06ˢ *+*4+ -ˢ40ˢ ,1 "13+ ˢ
UJA0/ .,ˢ *ˢ$06 1,1 8ˢ * 6 6+61ˢ.66+ 6ˢ".+4.6.3+0ˢ5 +8ˢ: 6+60ˢ. ,ˢ,1* 6.*6 .ˢ51 1ˢ
+6ˢ *ˢ0.ˢ50 0:0 . 06ˢ71 6.6+8ˢ0 6ˢ*. -ˢ2 0:ˢ 1 0ˢ +6ˢ - .*0*60ˢ * 60ˢ 18ˢ,1*,1 4 .ˢ
70" + -ˢˢ+/6.ˢ*0,0 . + -ˢ.,ˢ50 ,+"1 + -ˢ71*1 , 8ˢ,1*4 6 1* 2+8ˢ06ˢ - .<1 ,ˢ *ˢ51 60ˢ
+ -ˢ 0, + 6.60ˢ *4 *ˢ 1 1 ˢ *60 :0*6+ˢ,1 - 51*.6+

ˢ / ˢ 04+.* +8ˢ *ˢ 0" *.6+ˢ ,ˢ 1*+8ˢ *ˢˢ 3+ 6.* .ˢ$ 160 6.*6 + -ˢ 08ˢ.6ˢ
3+0ˢ .401ˢ 5 +8ˢ .: . ˢ *ˢ. 4+ -ˢ 04090 .6< 20""1ˢ42ˢ0.8ˢ3+.8ˢ4 / - +(< 0.+".8ˢ60ˢ
- 0 0ˢ.ˢ .: . 1ˢ + 00561ˢ3+14ˢ06ˢ +50"".*ˢ5 * + -ˢ06ˢJ ˢ)ˢ .*1: +8ˢ40 *ˢ,1* +"6+8ˢ
+6ˢ *<+ 6+ -ˢ + - - 150 0ˢ 4060 6.6+8ˢ +0 .6ˢ $1 6ˢA :1*. -ˢ .4+ ,1 + -ˢ, .56. -ˢ
<& : .*6 +8ˢ3+ˢR&0 - .0ˢ$06 1,1 1 + -ˢ5 .00 .6ˢ 1*6 * ., + -ˢ12 04 6ˢ<. - 3+0ˢ
12 0 "ˢ *ˢ01ˢ 0 .*6ˢ +6ˢ 0ˢ 4040 0*6ˢ, + -ˢ5 0" 1ˢ 1 6+ 61ˢ, + -ˢ*12 " 6.60ˢ5 1: *, ."0ˢ
,1 - - "2ˢ 5 0ˢ.4 *14+ -ˢ402 " 6.6 8ˢ055 8ˢ.2ˢ12 4 1*0ˢ4 0040 0ˢ,1.4+8ˢ0 6ˢ *ˢ04ˢ
,1* 4+ˢ0/ˢ 09 8ˢ9 .: 60ˢ .+4.6+8ˢ <+* 1ˢ 61 ""+8ˢ0/ˢ :+"*0 2+8ˢ51 60.ˢ40,0 " 6
60 0.ˢ 1+8ˢ, +ˢ50ˢ 3+ 6.* . -ˢ + - -) -ˢ. - 1 + -ˢ - 50 + -ˢ.66 2+6+ -ˢ0 .6
+ 4 9.".0ˢ, +*4.ˢ .4ˢ20""+ -ˢ5. .6ˢ06ˢ, + -ˢ61 - 0*6 8ˢ. ,ˢ * 6 +4 8ˢ,15 8ˢ09 0"%+8ˢ
., "0ˢ71 60 8ˢ.*60.ˢ50ˢ.9 + *ˢ *,040*6, 8ˢ *ˢ5<0.0 4 .ˢ,1 - 5+" 6ˢ *0+*60ˢG+ *6 "ˢ.4ˢ
1ˢE+*6."4+6*ˢ *ˢ 9 **.6 2+8ˢ0/ 9++ -ˢ155 4+ -ˢ+*4090*6 6 - -ˢ5 ˢ R1*1*1 - 0 "<
5 1 - 16.ˢ, . 6 .ˢ + *.3+0ˢ04 6.ˢ, + - *ˢ01 09+ˢ0 0*6ˢ +6ˢ 155+9*.6 1*0 -ˢ60*6. 0*6<
4+ˢ61 - 0*6ˢ.ˢ *1 6 8ˢ4 5"1 ˢˢ . 4 - ." +8ˢ 0/ˢ *12 " 6.60ˢ$06 1,1 .ˢ: ˢ 6 0*++8ˢ
4 00 56+8ˢ0 6ˢ3+14ˢ,1* " 1ˢ .4+ -ˢ, + -ˢ*65 5 06 06+ˢ 1*+8ˢ, .56+ -ˢ61 - 0 "6.ˢ
+ -ˢ *ˢ, +,0 -ˢ .9ˢ<+ " 6ˢ .4.3+0ˢ - 1/ˢ: ˢ"1, +8ˢ, .56+8ˢ. ,ˢ, +40" 60ˢ4 056+8ˢ 0 6ˢ
1, , 8ˢ12: 8ˢ,6ˢ *,0*4 1ˢ *ˢ .040 8ˢ40 0 6.8ˢ - - "2ˢ3+14ˢ616+ -ˢ 0 0ˢ155 4+ -ˢ40ˢ
5. 6+ -ˢ0 6ˢˢ .+,1* 8ˢ3+ˢ *ˢ 09 8ˢ, . 6 8ˢ0 .6ˢ 1".ˢ41 - 1ˢ0/,056.ˢ 4ˢ .4+ -ˢ *ˢ 4
G+ *6 "ˢ " 3+.*61ˢ51 6ˢ: ˢS."ˢ(0/6)ˢ<+/6* 1*, .20""+ -ˢ4+.2+8ˢ.ˢ 0 ., 1ˢ"0+, 8ˢ
* .+ 61ˢ ""+ 6 " - .0616.ˢ 3+ 6.* . . - " .0 .615+9*.6+ - + 6 E+ 1* 06J"0/ ˢ
ſ ,1 - 6 2+8

ˢ%ˢ ˢ ˢ$ˢ ˢ[: ˢ , ˢ ˢ+ 6 $ˢ ˢ ˢ% Aˢ ?% Aˢ ˢ4 ˢ ˢ, ˢ
! ˢ ˢ ˢ $/ˢ / ˢ 6 $ˢ /ˢ4 Aˢ ˢ .ˢ E 5 & $ˢ % A
]ˢ, ˢ ˢ $ˢ ˢ5 ˢA ˢ ˢ ? . ˢ ˢ5 $ˢ ˢ> A. ˢ ˢ, ˢ
, D ˢ ˢ> Aˢ6. ˢ ˢ *0ˢ I ˢ> . $ˢ4 $ˢ ˢ> Aˢ ˢ ˢ> Aˢ $ˢ ˢ, ˢ, ˢ
> Aˢ ($ˢ ˢ $
ˢ

n ˁ ˁ ˁ ˁ . ˁ ˁ ˁ Cˁ Gˁ ˁ - J

ˁ ,5 - 6 2+8 ˁ Vˁ . ,ˁ , ,# 1"; - 6. *1ˁ 03+ 60 ˁ E. 61* 8ˁ J1 / ˁ % .* ˁ - . ,7 1* 8 " 8 ˁ 3+ ˁ

) ˁ ˁ . : . ˁ 12ˁ . 6. - ,3 - 01,59* .6 1*0 - ˁ 9. 608ˁ 03+02. *6+ ˁ 3+. - : 8ˁ ." 13+ ˁ .ˁ $ 1 ˁ

60 6. *6 + - ˁ 41 6 * .ˁ ." 0* ˁ 0"%0*6ˁ *ˁ 01ˁ ,1* " 4 +ˁ 1 6+ 61ˁ 40 40 .6 8ˁ - 5 0 1ˁ .2ˁ

0 1 0ˁ #$. 4."". * 1ˁ E1*4 * 1ˁ 06ˁ . 1"1ˁ ˁ 1*6 5. *1ˁ 0<+8ˁ " 1ˁ . ,6. ˁ 5 15 .8ˁ

03+ 6+ - ˁ ." .8ˁ ,+ - ˁ ." 3+16ˁ 40"046 8ˁ ,"15506.6) 8ˁ 0 ,+ - ˁ6 .70*6 2+8 ˁ 140 - ˁ 60 - 51 0ˁ

. *60ˁ J"0/ . *+ - ˁ ,1* : 0*6+ - ˁ 08ˁ * , 4 6 ˁ 3+. 0ˁ . * - 18ˁ .4ˁ 5. ,0 - ˁ 5 ,4. 6, 8ˁ .4 - 14 < ˁ

6+ 2. : 6ˁ 0 6 . *4+8ˁ , ."01" +8ˁ $1 . *. ˁ 0/ˁ 5 1 :"* , .0ˁ *12 " 6.60ˁ : ˁ 6 0*++8 ˁ 3+

2ˁ 3+. Nˁ %. 20"" , .8ˁ 5 .0 4 1ˁ 60*02.6ˁ .4ˁ 1 - *0 3+0ˁ 1, , . 1*08ˁ *60*6+8ˁ $ 160 6. * ˁ

6 + - ˁ ,1* .6+8ˁ *ˁ 3 : 0 - 515+"1* .ˁ 12 0 : .2.6 ˁ 40ˁ D . . * ˁ - 1*60ˁ 5 .0, 5+1ˁ . : . *ˁ

4 6 1* 8ˁ .63+0ˁ .401ˁ 09 1* 8ˁ 155 41ˁ *60 , 5 0*41 ˁ 0ˁ ,+ - ˁ 1*1 ˁ 3+ ˁ .4ˁ 1*60* f ˁ ˁ

09."0 - ˁ *ˁ .9 1ˁ 1*41 - 0* ˁ / ˁ .2ˁ 7 * ,ˁ "0+, 8ˁ 0402.6ˁ ,1 - - +* , .6. ˁ 51* " + - ˁ ,05 6ˁ <

3+14ˁ " ,06ˁ 71 6 ˁ 4060 6+ - ˁ : 6. ˁ *1*ˁ 516+ 6ˁ 1 ,1ˁ 5 .00 .6ˁ ˁ5)ˁ 0 - - +8 ˁ 0/ˁ ,1406*ˁ

155 41ˁ 5 - . +8ˁ , : 8 ˁ 3+ ˁ 5 4 0ˁ .4 : 0*6+8ˁ 09 1 + - ˁ . 6. *01". - ˁ ,0*6+ 1* , - ˁ

ˁ 0 - 0 .6 ˁ +6ˁ 40ˁ $1 . * .0ˁ 02+8ˁ ,19*1 00 06ˁ 8ˁ , .561ˁ *60 ˁ 4 0+ 0*4+ - ˁ - " 6, ˁ 3+ ˁ

: 6. - ." : . - ˁ 5.46+8ˁ 0 - ˁ 4060/0 .6ˁ .4ˁ 0 - - + - ˁ 04 6 ˁ 3+ ˁ 03+0*6 .ˁ 7+<+ - 14 ˁ

*4 , .ˁ 3+14ˁ *09" 90 06ˁ 0 - ˁ - +50 ˁ 7.2+ 6ˁ 6ˁ $1 . * .ˁ 60*6. *4 ˁ ,0 6+8 ˁ ,1 +561ˁ

5 6 * . 2 ˁ .4ˁ 60 - 5+8ˁ ,1*4 6+ - ˁ / : ˁ S." ˁ 4 ˁ 5. +"1ˁ . *60ˁ .+ 1 . - ˁ 50 ˁ I . . - ˁ

. - *0 - ˁ 3+ ˁ 2ˁ 0 . ,1ˁ ".20*8ˁ - 04 + - ˁ+ 20 - ˁ 4 : 4 6ˁ 06ˁ 7 40ˁ .4ˁ ˁ . 1* . - ˁ *ˁ 1, , . *+ - ˁ

* "+ 6ˁ .4ˁ - 1".6 * . - ˁ ,+ - ˁ / / / ˁ 40"04 8ˁ 40 : ,7 6+ ˁ ˁ 06ˁ 50 ˁ , ." . - ˁ - 1".6 * . - ˁ *6 .6 ˁ

, *33+0ˁ 0/ ,+2 .0ˁ - +6. 0*6+ ˁ 51 6. ˁ - .<1 8ˁ + 2 8ˁ *ˁ 3+. ˁ . /ˁ 0 6ˁ .ˁ ,+ 614 2+8 ˁ 3+ ?ˁ

.4ˁ - 1".6 * . - ˁ : *+ - ˁ + .56+ ˁ . , ,040 0ˁ 1"0 - *07.202. *6ˁ 1 60ˁ .50 6. ˁ + - 5+*6ˁ <

06ˁ , 460;ˁ fˁ 3+ ? : .4+ - ˁ6 . * * "0 . *6ˁ +2 03+0*6 2+8 ˁ .4ˁ 6 05 6+ - ˁ6+ 2.6 8ˁ 5 .0 ˁ

Iˁ 4 . 8ˁ + 20ˁ 516 6+ ˁ / / : ˁ *0 ,ˁ . - 5" +8ˁ *60 04 ˁ 0 0ˁ *+"" +8ˁ *1 - * 8 ˁ $1 . * .ˁ *ˁ

- . *+ˁ 40/ , .ˁ &+"*0 .6+8 ˁ ? . .ˁ 0/ˁ 5 .0 4 . 8ˁ 5 - . +8ˁ ,0*6+ 1ˁ *ˁ 0 - 1 0ˁ 60 - ˁ

: +"*0 0ˁ . , ,0561ˁ - +6 ".6+8 ˁ +"" 5 .060 0. ˁ *<+ .ˁ "". 6. ˁ .+6ˁ +"6 1ˁ *ˁ 3+0*3+. - .ˁ

$1 . * .ˁ ." 13+ ˁ * 0 63"ˁ 0/0 , 6. ˁ 0 6.2.6ˁ . / ˁ *ˁ 3+. - ˁ 0 - - +8ˁ 0ˁ ,+ - ˁ ,060 1ˁ

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,+ - ˁ 0 - - 1ˁ ,1* : 0* 06ˁ : ."40ˁ - - *+61 ˁ $1 . * . ˁ 3+. *3+. - ˁ + 2 8ˁ 5160*8 ˁ 3+ ˁ

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50 ˁ : *0.8ˁ 5 .060 : ,70 06+ ˁ 0/0 , 6+8 ˁ : ˁ S." ˁ 4 ˁ 6 08ˁ 61 - 0*61 + - ˁ 4+8ˁ 4 5"1 ˁ

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- 16 8ˁ .4ˁ 155 4+ - ˁ ,15 Nˁ 0/ˁ 20"" ˁ *0 ,0"" 6.60ˁ .4+ - ˁ 0 .6ˁ 90*0 1 . 10 - * . .4 *<+ ˁ

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1# 5- !)

CIϽIϽLXXX. HENRICUS III.

literis ad ipſum miſſis et poſtea paſſim vulgatis publicavit. Nivernius igitur, ne qua vel leviſſima ſuſpicionis ſcintilla de conjuratione contra ipſum inita in Andini animo haereret, Jacobum [a] Launaeum alae equitum ſuae legatum ocius ad eum ablegat; qui, de fide Nivernii et ſincero obſequio multa praefatus, ſe miſſum dixit, ut coram ipſo, petita venia, calumnioſe mentiri illum declararet, quicunque Nivernium in caput ejus vitamque conjuraſſe aſſeverare auſus eſſet. Verbo mentiendi, cum ubique probroſo, tum praecipue apud nos, vel ii, quibus minor decoris cura, graviſſime offenduntur; nedum ut magnates et conſanguinei regis principes, ipſeque Monpenſerius, magnitudine animi nemini mortalium concedens, id ferre poſſet. Itaque vir generoſus, cum id ad ſe pertinere exiſtimaret, in furialeis iras exarſit: cumque nec illum dignitas et aetas, corpuſque utriuſque ex vulneribus debilitatum duelli aleam admitteret, quod inter alios fieri amat, ſtatim, rei fama evulgata, cognati, affines, amici, clientes, non ſolum ex cunctis regni partibus, ſed etiam extra Galliam, operam utrique ſuam detulerunt. Monpenſerio, quod Catharinam Lotharingam in uxorem duxiſſet, Guiſiani omnes praeſto fuere; quanquam Guiſius ipſe ſororem Nivernii uxoris in matrimonio haberet. Tum regii ſanguinis principes, et innumeri proceres, et Arauſionenſis e Belgio ſtatim ad eum ſedulo miſit, ex eaque occaſione cum ſocero, quod fruſtra hactenus tentatum fuerat, reconciliatus eſt. Viciſſim Gulielmus Mantuae dux Nivernii frater, quicum alioqui haud ita bene conveniebat, et *Willelmus* [b] Juliacenſis dux [c] Clivenſium familiae, ex qua Nivernii uxor prognata erat, princeps, operam ſuam miſſis legatis honorifice Nivernio detulerat. Nivernius interim evulgato ſcripto rem, ut acta erat, complexus eſt. De illoque mentiri ſe intelligere dixit, qui ſe de conjuratione praedicta cogitaſſe apud Andinum affirmare auſus eſſet: quae autem literis Monpenſerii ad Andinum verba comprehenderentur, ea nec refutare, nec contradicere velle; quippe cum conſentanea eſſent mandatis, quae a rege habebat: neque proinde Monpenſerium putare debuiſſe, de illis ſe conqueſtum eſſe, ſicut nec ipſe velle debuerit, ut mentiendi verbum de iiſdem dictum intelligatur. Qua interpretatione et Nivernio honorifica, neque in Monpenſerium injurioſa, cum utriuſque decus ſalvum maneret, tandem interventu regis reginaeque, ad exemplum pertinere exiſtimantium, ſi ob privatas diſſenſiones factionibus regnum ſcindi paterentur, et regia mandata cuiquam fraudi eſſent, res compoſita eſt, et inter civileis motus tanti alioqui diſſidii metus conquievit. [α] Eodem fere tempore res incidit, quam ſilentio non praeteriri e regni dignitate viſum eſt. [β] Factioſorum, ut putatur, inſtigatu per clandeſtinam diplomatis pontificii promulgationem a quibuſdam epiſcopis imprudenter factam tentata regis ac magiſtratuum patientia fuerat, quatenus ulteriora facere poſſent, captato tempore dum ſenatus a jure dicundo vacaret. Pontifex, uſurpata jam ab aliquot annis in Chriſtianos principes, ſed nunquam in Gallia adprobata, poteſtate, jus diris devovendi magiſtratus, qui principalem juriſdictionem contra ſacrum ordinem tuentur, ſibi ſumpſit: eoque in die Paraſceves proxima ante Dominicam reſurrectionem publica ceremonia hodie utitur, conditis de ea conſtitutionibus, quas ad oſtentandam ſuam potentiam per orbem Chriſtianum promulgari curat; cujuſmodi ea erat, quae tunc in regnum allata eſt. Qua de re cum in [d] camera, quae rebus prolatis de more in criminalibus praecipue cauſis jus dicit, cognitor regius conqueſtus eſſet, ſenatus, Barnaba Briſſonio praeſide, partes ſuas interpoſuit; et antiqua gravitate ac libertate cenſuit, praefecti locorum, in quibus archiepiſcopi aut epiſcopi ipſorumve vicarii bullam pontificiam aut exemplum ejus cum titulo LITERAE PROCESSUS &c. [1] acceperint, et a quo ad illos miſſa ſit ut publicetur, et, ſi quidem

nondum

VAR. LECT. [α] *Quae ſequuntur 23 lineae uſque ad* Suſceptam contra Moſcos *deſunt D. f. d.* [β] Guiſianorum *MSS. Samm. Put. & Rig.*

INTERPR. [a] *de Launay.* [b] *le duc de Juliers.* [c] *de Cleves.* [d] *chambre des vacations.*

NOT. [1] *legendum forſan* acceperint, inquirant, a quo

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*1*4 -ʿ 5+2" ,.6.ʿ ʿ ,<+8ʿ 5+2" ,.6 1*, -ʿ "" 8ʿ *7 20.*6ʿ 0/0 - 5".3+0ʿ 5 8ʿ .4ʿ 5+2ʿ %ʿ
" ,.*4+ -ʿ - "%.ʿ ,, 5 .*6ʿ ,6ʿ .4ʿ ,. - , . -ʿ - 66.*6ʿ ,6ʿ ʿ 3+ 2+8ʿ "1, 8ʿ 5+2" ,.6.ʿ 6 # ʿ ʿ
. ,7 ,5) "15 8ʿ .+6ʿ ,5 ,15 8ʿ ,1 + - :0ʿ ,.6 8ʿ 3+1 + -ʿ <+ "ʿ 5+2" ,.6 1ʿ .4.ʿ +0 6ʿ
4 0 -ʿ 4 ,.*6ʿ 3+.ʿ ,ʿ *ʿ <+ 0ʿ 6, 0ʿ 06ʿ .4ʿ ,19* 61 8ʿ 09 ʿ 51 6+".6.ʿ 0 51 40 0ʿ 60*0. ʿ
6+ ʿ - 6, ,.ʿ ,1 + -ʿ 21*.ʿ 1"ʿ .+41 6.60ʿ 09 .ʿ 03+0 6 0*6+ ʿ 140 -ʿ 4,, 0615 1ʿ
+206+ ʿ *,ʿ 3+ 8ʿ 0/,,+6 1*, -ʿ (ʿ ʿ - 504 .6ʿ 3+ʿ 0,+8ʿ 000 6ʿ 50 4+0"" 8ʿ 06ʿ ".0 6,ʿ
*. 0 6.6 2ʿ 0+8ʿ 7.2,.6+ ʿ 44 6+ -ʿ * +50 ʿ +6ʿ 40, 06+ -ʿ 6;5 8ʿ - .*4. ,6+ ʿ 0<+ 3+4ʿ
0/0 - 5) 8ʿ .ʿ ,+ .0ʿ *16. 8ʿ +2 0 5 8ʿ 4,8ʿ .47 20 06+ ʿ 4ʿ .4+ -ʿ :ʿ 1*ʿ 4
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(0,+*4+ -ʿ 7.,,ʿ - "ʿ 50ʿ .9 18ʿ ,0*6+ 1*08ʿ 3+ʿ 12+ 6" - + -ʿ 3+0 - 3+0ʿ 06ʿ ".21 ʿ
- "6. ʿ 0 0*41ʿ 41*,+ -ʿ ,90 0*6ʿ & "*.0ʿ 61 - 0*6.ʿ 05. . ʿ 06ʿ *1:.ʿ ,1* ". ʿ <+ 6.
0/ʿ 4,ʿ 4ʿ .9* 8ʿ +R 8ʿ 155+9*.*4 8ʿ ,19 6.*8ʿ +6ʿ ,1*) +*ʿ ++ -ʿ 4 +6 +8ʿ 71 60 -ʿ
,,". ,6ʿ 4 0 -ʿ ,/, , 6+ ʿ Uʿ . * , . -ʿ .4ʿ ,1*:0* 0*4+ - 04 , 6ʿ "1,+ - 0,+*4+ -ʿ)". -ʿ
"+: + -ʿ *ʿ ,.5 60ʿ 4+. + -ʿ +R0* 8ʿ 06ʿ (- 1"0* ,0* 8ʿ : . + -ʿ 6+ -ʿ 5. 2+8ʿ .2ʿ +6 .ʿ
3+0ʿ + 20ʿ 5.6 8ʿ ,+ -ʿ *40ʿ) : .6.ʿ *40ʿ . 5".ʿ "+: ʿ 1,,+ .*6ʿ .4ʿ 71 60 -ʿ .*, 5 6ʿ
,+ .ʿ 4 6 *0*4+ -ʿ - ./ - 0ʿ 1551 6+*+ -ʿ $1 6ʿ 8$1"16 . -ʿ ,.56. -ʿ - +8ʿ ,+ -ʿ "6, 8ʿ
0ʿ *+*, +8ʿ .4ʿ 1 0+ -ʿ +0 .6< 3+ ʿ 7+ - .* +8ʿ 3+. -ʿ 3+ 3+. -ʿ .*60ʿ ,+ -ʿ 7.2 6+8ʿ
- 0* .,ʿ ,6 . -ʿ .47 2 6+8ʿ 0 6ʿ *603+. -ʿ 4 - 660 06+ ʿ 1 0+8ʿ - 1 0ʿ 6 1ʿ *0ʿ : 40ʿ
,6+ ʿ 5.,, -ʿ 506, 0ʿ 50ʿ A1.**0 - ʿ 1:19. 4 .0ʿ R 6. -ʿ , ".: .0ʿ 5 .0 0 618ʿ
,6ʿ 6ʿ 1 - .7 : , + -ʿ (.,7. *+ -ʿ .4ʿ ,ʿ .40: "" + -ʿ $.".6 *+ - & "*0* , -ʿ 06ʿ + 61ʿ
,7 + -ʿ U ?&1"1: , + -ʿ 4. ʿ "60 .8ʿ ,+ .6ʿ 3+ 2+8ʿ ""ʿ 60 6.2.*6+ ʿ .4ʿ 50408ʿ 0ʿ - 50 .ʿ
61 8ʿ +ʿ 5 1<,, "0ʿ 1 .*608ʿ +6ʿ +*40*41ʿ 616ʿ 7 6 .*1 + -ʿ .*9+ *ʿ 5. ,0 06ʿ : ʿ
, " -ʿ +6ʿ 40 -ʿ .5+4ʿ ++ -ʿ 090 -ʿ ., .*6ʿ 71 6.2.*6+ ʿ 0 3+0ʿ 50 +.40.*6ʿ +6ʿ ,+ -ʿ
- "6,ʿ 09 04 .6+ ʿ *03+0ʿ - ."0 , 1ʿ +""1ʿ *ʿ :1* .,ʿ 06ʿ 67+.* .0ʿ * 2+8ʿ 1 018ʿ
".,, .6ʿ 40 -ʿ .4"+ 18ʿ 1 018ʿ ʿ *60 0.ʿ 40ʿ 5.,0ʿ - "8ʿ .2ʿ 666 .3+0ʿ 5. 60ʿ 1 .61 2+8ʿ
.9.6+ ʿ %+ *ʿ 3+14ʿ ."6. . ʿ # 15.6 * 0 +8ʿ 50ʿ 3+0 -ʿ (6057.*+8ʿ 1 01ʿ 20""+ -ʿ 40ʿ
+, . .6ʿ .47+,ʿ 4,6 *,.6+ ʿ 0/,+".*6ʿ 2 0: 3+0ʿ 1 0ʿ 5 1 - 66+*6ʿ +6ʿ ,+ -ʿ - .*4.6 8ʿ
40ʿ 5.,0ʿ .4ʿ 090 -ʿ 0 - 66.6+ ʿ 4ʿ 0.ʿ .ʿ 67+.* 8ʿ 0*.61 2+8ʿ 0 51* + -ʿ 04+"1ʿ 0ʿ
40ʿ 5.,0ʿ 090 -ʿ .550"". "0ʿ ʿ *00ʿ " + -ʿ .2*+, 0ʿ ,1*,1 4 .0ʿ *60ʿ 7 6 .*18ʿ 5 *ʿ
, 5,8ʿ 0 :.*4.,ʿ - ./ - 0ʿ 1 - * + -ʿ ,+5 4+ -ʿ 04ʿ 20""+ - ʿ 3+14ʿ - ./ - 8ʿ *<+ 85 1ʿ
:1,. +8ʿ +",050 6ʿ 6.*6 50 ʿ 4+ -ʿ .03+.0ʿ 5.,8ʿ ,1*4 6 1*08ʿ 5 151*.*6+ ʿ 2
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% $ ʿ ? , ʿ 0$ ʿ ʿ B / ʿ ' ʿ A ʿ , 6 ʿ $4 .#
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/ ʿ ' 6 ' # ʿ ʿ 5
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CIƆIƆLXXX. gerendum intelligere: legatos vero ut ad Moſcum mittat, nullam cauſam videre; ne, quod hactenus factum ſit, eos ludibrio et injuriae objiciat: ſi vero ille legatos mittat, patienter eos regem auditurum, atque aequo cum reſponſo dimiſſurum. Ejuſdem argumenti literae et a Moſco poſtea ad regem datae: ad quas idem, quod a ſenatoribus, reſponſum fuit. Nihilominus rurſum miſſus Joannes [a] Naſciokinus ex aulicis; qui, cum eadem poſtulata initio edidiſſet cum eodem reſponſo dimiſſus, alia ſe mandata habere, quae privatim exponat, dixit: ea erant; principem ſuum, clade tot innocentium Chriſtianorum commotum, praeter majorum morem de dignitate aliquid remittere conſtituiſſe, idque publicae concordiae dare, ut legatos de pace ad regem mittat: interim poſtulare, ut induciae ſint; neque rex ulterius cum exercitu progrediatur; ſed legatos Vilnae exſpectet: hoc enim Moſcici nominis honori ſemper a Polonis regibus datum, ut non niſi in regni ipſius aut Lithuaniae principe ſede legati audirentur. Ad ea rex, qui videret id a Moſco agi, ut ſpe colloquii tempus extraheret, tamen reſpondit, ſi quos legatos mittat, dicendi quae velint poteſtatem facturum; quod vero certo loco legatos expectari velit, id nullo ceterorum principum exemplo peti: commune ubique eſſe jus legatorum, nec certo loco finiri: poſſe ſe, ubicunque futurus ſit, vel in caſtris ipſis, in quibus inter ſtrepitum armorum vel maxime legatis opus eſt, adiri. Ita dimiſſus Naſciokinus. Detecta interim Gregorii [b] Oſciki claro loco nati cum Moſco occulta conſiliorum communicatio. Nam ad eum a Naſciokino allatae fuerant Moſci literae. Id a [c] Mirevio Oſciki miniſtro enunciatum Martino [d] Ribinio fuerat; qui rem ad magiſtratum, magiſtratus ad regem detulit. Captus is cum Bartholomaeo quodam conſcio: capta et cum eo arça, in qua plerorumque ſenatorum ſigna ad verum expreſſa erant; ac praeterea materia, mallei, et cetera cudendae monetae inſtrumenta. Praeſcriptione fori initio ſe tuebatur reus; quippe cum ea ſit nobilium praerogativa, ut niſi legitime in jus vocati reſpondere non teneantur, neque in eos quaeri liceat. Verum indignus ea gratia habitus fuit: et, reſpondere juſſus, libellum a ſe compoſitum recitari petiit; quo, crimina objecta confeſſus, etiam Moſco ſpem factam regis per occaſionem interficiendi, eo tandem decurrebat, ut egeſtate et aeris alieni magnitudine oppreſſum ſe id ſpectaſſe diceret, ut ab hoſte aliquam pecuniam hac ratione emungeret: veniamque ſupplex petebat. De ipſo tandem ac Judaeo quodam, in quem monetae crimen rejecerat, ſupplicium ſumptum. Jamque Vilnam venerat Pannonicus peditatus, quem rex, [e] Poſtovam terreſtri itinere ire juſſum, inde cum tormentis navibus impoſitum ſecundo flumine [f] Diſnam, et rurſus adverſo [g] Duna cum aliis tormentis, quae [h] Polotia rediens antea ibi reliquerat, [i] Witepſiam praemiſit. Dum rex Vilnae eſſet, Paulus [k] Uchanciſus ad pontificem anno ſuperiore miſſus enſem notis ceremoniis a pontifice dedicatum ei obtulit. Inde ad [l] Scidutum villam v cis [m] Caſniciani millibus paſſuum VIII Eid. Jul. venit. Ibi de belli gerendi ratione inter duces conſultatum. Alii [n] Pleſcoviam, alii [o] Smolenſcam, alii denique [p] Magnos Lukos eundum cenſebant. Prima ſententia iiſdem, quibus anno praecedenti, cum Polotiam itum eſt, rationibus refutata eſt. Qui Smolenſcam ducendum cenſebant, loci celebritate, et rerum in eo geſtarum fama, inſtituto denique belli res ablatas repetendi movebantur, et quod eo praeſidio adjuncto una et Severienſis ditio longe ampliſſima adjungeretur. At, qui Lukos eundum ſuadebant, ſic diſſerebant; a Duna flumine et Livonia, cujus liberandae cauſa hoc bellum ſuſceptum eſſet, ſi Smolenſcam duceretur, longius recedi, nec cum Livonia Severienſem ditionem urbium frequentia aut maris opportunitate comparandam: Lukos in Moſci praecordiis quaſi poſitos, loco ad hoſtem quaquaverſum

HENRICUS III.

infeſtandum

INTERPR. [a] *Naſciokin.* [b] *Oſciki.* [c] *Mirevie.* [d] *Ribin.* [e] *Poſtawy.* [f] *Dziſna.* [g] *la Dwina.* [h] *Ploczko.* [i] *Witepsk.* [k] *Uchanski.* [l] *Secidut.* [m] *Czaſſnicki.* [n] *Pleskow.* [o] *Smolensko.* [p] *Luki.*

* , 6.*4+-' ,6' :0' 50' , ,1: . -' :1* . -' :0' 50' (- 1"0* 0. -' 67+.* .6*' '
60*60 '5 1 20.4+-'1551 6 * " - 1'5. 08'0* -'.4'(- 1"0* 0. -'06$"0 ,3: . -'.4 6+8 ,+8' '
7.20 0' 6' *' 7.*,' 0*60*6 . -' 0/ ' ,+ - ' <. -' .*60.'5 150 40 06' ., "0' ." 0* + -'
5 .02+ 6' 6+ ' "+ 6 .6+8' , /0 46+8 ' $ - 1' 03+ 608' $1"1*1 + - ' 3+ ' .4' ' E04. *+ -'
,6' $1"16 . -' - , + "%0*6' 06' 5 1/ - 1' *' 7 20 * 8' + 0*6' 0,0* 6 ' 5.+, 8' 03+ ' .4'
0 - 56 ' $1 ' , 18' *1: .0' ,15 .0' 5 14+4 .0' 5040 6 08' 06' 03+0 6 08' ' *' 3+ 2+8' 0 .*6' 0*. '
61 ' 1 4 + 8' *1**+"" ' ." '0:1, .6 ' 3+ ' * " 6 . -' *60 - ". -' 0506 0 .*6' 3+ 3+0' 0/ '
, 0 6+8' 5 '5 1' "09.6 8' ,/, .*6' ' *1*' 5.+0 ' 3+ ' - .9 6 .6+8' 5 ., ,4+ . 3+0 ' ." ' 40* '
3+0 ' 3+ ' - + * .' ,6' 71*1 08' *' .+".' 90 "0 .**' 3+ 6+ - ' 4+5"0/' 90*+8' 0 .6' + . '
5 .: 1 8' . - .6+ ., ' ,: 1 8' S1 .0 ' 3+ 2+8' ,1 ;6 ' "1 ,1' 2 ,+2 6."08' ,"1550618' 0/'
.4' 7+ - 0 18' .56. . ' 2 ,: 1 ,8' 0/' C1* .' + 5,*40*418' 4040 .6' ., *. ,0' .4' ".6+8' '
* 4 + -' ,6' :, *.2+"1' 0/' :060 ' * 6 6+61' 0" 4 8 ' $04 608' - .9*. -' 5. 60 - ' 0/' * 6 - 8'
$. **1* .,' "1, 8 &. .4 *1' 60 -' .,' 0 - 16 1 2+8' 5 1: *, 8' $ 4 0' 3+. -' 0/' . * , .'
- 1:0 06' 5 ., , 5 6.6.' 5 1 04 1*0' *+*, +8' .' 1 01' :0* 6')60 8' ."".6 8' 3+. - - 7.0,'
+ - - .' 0 .6' G+.*41' 0/' "09.618' *1""06' - 660 0' 40' <+ 0' +1' 06' - .<1 + - ' - 1 0'
1 0+ - ' 5+2" , ., ' ,1*,1 4 ., ' 21*1' 4 0040 0' 1 .61 0 3+0' .4' / : ' S." ' (056' .+6'
."60 1' 514' 4 0' .4' + - - + - ' : 18' 5 - . 08' . 1 0' 04' 4' 514+". 0' +6' 018' & "* .0'
0/' 0/' 50 606' &, + - ' 0/' 2 ' +6' 018' & "* .0' 0/504. 06' *609 + - ' *1*' 0"%0' 0"51*406'
"1*9 +8' <. -' 5 19 042' 0/0 0 6+' *40' 5 1 - 16.' , .4 .' .4 050". -' 06') ". -' , .40"". '
2 3+0' 514 0 - 1' 4,' 20"" ' .6 1*0' A1* +"6.6+ -' + 6' 6' ,+ -' h 0" + - ' .4' +*. -'
"+ - ') : .6.' .4' ,19*1 - *0 - ' 60 - ' "+: + - ' 6.' , .40"".' .4' +R18' 60*40*6' .'60 91'
*' 714 8' 51604.60' - * - 0' 0" *3+,*4.' 0/' ,0* 0 06' .*60 1 - * .' .4' h 0" 4+ - ' +6'
- +8' 155+9*.*4+ -' (. - 1 0 + - ' ,+ -' <+4.' 0/0 , 6+8' 5. 60' - 66 6' .66 2+6 8' 0' E0 '
- .*1 + -' 03+ 6+ -' ,"15506. 1 + -' ,15 8' 4+00' E01 9 1' UJ. 0*820R 1' .* .0' 09 8'
6 2+*1' 3+' 5.6 .0' :1* .0' 150 . -' *.:.*4' 4+4 1' *+50' .4' 090 -' &0*0 .6' %1 '
- 0*6.' 5+": 8' 06' 5.2+"' ., ' ,1 - - 0.6+8' <. -' - .9*.' ,15 .' ,1 - 51 6.6.' +0 .6' ,+ .' ' (. '
- 1", ' 0' 5 .0 04+ .' ' S* 4 *0* ' 0,+*41' 7 0 - 0".' "+: 1' S. +*. - ' .63+0' *40'
.4:0 1' 2 h " .' ? ,7." 018' ,7." 0 8' 6 *0 0' 60 04 ' $141:. - ' .63+0' *40' 7 '
. - ' - 1/' 06' 50' +. -' h 605 . -' :' ' S."' (0/6 " ' 1' +2' :0* 6' 2 4+ ' - 1 .' 1 - *0 -'
- " 60 - ' , 1' ,1*6 .7 6' *40' *' 714 ,+ - ' 4+, 6' 6.' *4 +4.' ., 0' +6' 5 - 1' .9 - *'
+, .8' ." * +8' ."60 ' , ') 1, , +8' 5 ., 0406' 5 0' - 04 +8' ,+ - ' 0" 3+1' 0/0 , 6 '
,0402.6' (6. ".1']' (1"R0: 1') 2' "09.61' + - 561' 3+ ' .*60.' +2' ,1".1' (0* .: 1'
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eſt, et ſilvarum denſarum quaſi vallum hoſti objiciant. Suraſſum temporibus Sigiſmundi Auguſti Stephanus [a] Sbaraſius tunc Palatinus Witepſienſis munierat, veritus, ne Uſviatae et Kaſplae, quae in Dunam influunt, capita munitione aliqua ad conjungendam Smolenſcenſem et Lukenſem ditionem Moſci occuparent. Inde ad Weliſium duae omnino viae ducunt: altera [b] Tranſdunana incedenti militi expeditior, ſed periculoſior et magis ad injurias hoſtileis expoſita; altera cis flumen, ſed adeo impedita, ut exercitus neminem poſt [c] Vitoldum ducem CLX annis ea duxiſſe conſtet. Ea tamen ire cum conſtituiſſet, ſilvis ſe infert; et, exploratis aditibus, viam, per quam iter faciendum erat, immiſſis peditum aliquot cohortibus purgat, caeſis arboribus, quae in ubere ſolo tot annorum ſpatio in immenſum ſe effuderant. Uno die per paluſtria loca ac praecipitia ſpatio XX CIƆ paſſuum patefacta via, pontibus ſtrata vel virgultis et cratibus exaequata. Itaque poſtridie illac ad [d] Verſcovinum uſque traductus exercitus, qui etiamnum hodie pons Vitoldi appellatur. Inde per latiſſimam paludem celeriter ponte ſtrato, X a Weliſio paſſuum CIƆ ſummo ſilentio caſtra metatur, nullo ne pabulandi quidem cauſa excurrere permiſſo. Poſtridie de loco obſidendo conſultat. Eum praeſidiarii caeſis ac tranſverſis et inter ſe trajectis arboribus per aliquot paſſuum ſpatium ita firmaverant, ut etiam media die ingredientibus nocturni horroris ſpeciem praeberet. Sed eadem militum diligentia haec nova difficultas ſuperata: eodemque die [e] Miſcita et Birulla, noti Koſacorum duces, poſt excurſionem in Smolenſcenſem ditionem factam ad exercitum reverſi, longo ambitu trans Dunam ad inſidendam viam, quae Lukos ducit, mittuntur. Captus inter eundum ab iis [f] Kudravus nobilis Moſcus: de quo in caſtra perducto cum cognitum eſſet, quali Weliſium praeſidio teneretur, adventu adhuc ejus incerto, ultra pergit per ſilvam, ſi qua forte incuſtoditas portas perrumpere et imparatum praeſidium opprimere poſſet. Sed, vix ſilvam egreſſo [g] Samoſcio, ſignum tormento diſploſo datur: eodemque momento, accolis omnibus in munitiones confugientibus, quicquid circa eas aedificatum erat incenditur. Weliſium, ſpatioſo ambitu IX turribus munitum, ab ortu et meridie Duna flumine, a ſeptentrione rivo, qui per lacum in Dunam infra caſtrum influit, ab omnibus partibus maxime ab occaſu profundiſſima foſſa circundatur. Caſtra a parte ſeptentrionali munita, vallum a ſuperiore Dunae parte Hungaris agere juſſis; infra quos medio loco Poloni, [h] Vroveſius cum ſuis cohortibus ultra Dunam, Lukos verſus Koſaci collocati. Perfecto intra paucos dies opere, tormenta admoventur tanta felicitate diſploſa, ut nullus fere globus emitteretur, quin ex hoſtium tormentis aliquod corrumperet. Miſſi et igniti a Bornemiſſa, qui Hungarorum munitionibus praeerat, globi, qui incendium in oppido excitarunt, mox reſtinctum. Eadem arte pars pontis interſciſſi, quae reliqua ad portam caſtelli erat, exuritur. Quo caſu territi praeſidiarii, qui nullas avias Polonis ſilvas, nihil ab artificioſis illorum ignibus tutum viderent, tandem deditionem faciunt. Commeatus, pabuli ac pulveris ingens vis in eo loco reperta. Rei nuncio accepto, rex, qui Suraſſi ſubſtiterat, dum pons novus e lintribus in Duna componeretur, eo excurrit; locumque integrum deditum gaudens, e veſtigio Suraſſum revertitur: et, quamvis acceptis a Moſco literis ſolito demiſſius loquente et intra triduum legatos ſuos affore dictitante, nihil de celeritate inſtituta remiſit; ac tribus pontibus omnem exercitum in ulteriorem Dunae ripam traducit. Sed Lukos tendentem objecta ſilvarum, quae CXX paſſuum CIƆ ſpatio excreverant, denſitas morabatur, per quas vix ſingulis militibus incedere licebat, interjectis paluſtribus ac magna ex parte coenoſis voraginibus, per quas aegre jumenta evaſura apparebat. Sic autem incedebat. Primum agmen ducebat

Palatinus

INTERPR. [a] *Sbaras.* [b] *delà la Dwina.* [c] *Vitold.* [d] *Swerskova.* [e] *Miskita & Birulla.* [f] *Kadraw.* [g] *Zamoyski.* [h] *Vrovecz.*

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" .8 5.8 0" *3+ 6+ ' 3+.0 0140 - ' 3+1 . /) , ' "+ - 0* +2<04+ - ' "0/+ * "1 "9 6+ '
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CIↃIↃLXXX. HENRICUS III.

conſpectum accedentibus eriperet. Ad has munitiones Germani turreis e materia excitaverant ceſpite contectas, ut ab incendio defenderentur. Situ ab ea parte luſtrato, quae ad Toropeciam atque ulteriorem Moſcoviam pertinet, [a] Samoſcius ad regem redit, in itinere paene a praeſidiariis oppreſſus, Joanne Bornemiſſa primario Hungarorum ductore vix ex eorum manibus erepto. Rex, perſpecta loci natura, qua a meridie fluvius arcem alluit, exercitum ſub ſignis accedere jubet, Samoſcio ab altera parte reliquas copias latiſſime expanſas adducente, ut horrenda univerſi exercitus in tot acies explicati ſpecie terrorem obſeſſis incuteret. Moſcus, cum adhuc incertum eſſet, Poloni Smolenſcam an Lukos peterent, ad Toropeciam exercitum, [b] Chilcovo duce, convenire juſſerat; et Lukis [c] Kneſium Theodorum Obalenſcium Lichovum cum ſumma auctoritate, ſecundum eum Michaëlem [d] Chaſſinum et Oxachovum praefecerat: et, quod iis non ſatis fideret, Joannem [e] Wicichovum primarium cubiculi miniſtrum, qui Lichovum ceteroſque Lukis, Demetrium Ceremiſſam, ut Chilcovum, qui ad exercitum erat, obſervaret, miſerat. Ante munitiones a Polonis exſtructas in caſtra venerunt legati Moſci, qui cum [f] Suraſſum initio profecti mandata in principis ſui ditione exponere recuſarent, et a legatis Polonis id in ipſorum poteſtate fore reſponſum eſſet, et, ſi ad principem ſuum redire vellent, neminem impediturum, illi, qui re infecta aegre diſcederent, ridicula prorſus et abſurda diſſimulatione, ut mandatorum auctoritatem tuerentur, cogi ſe vi volebant. Quod cum exploſum eſſet, tandem ſenatus iis prid. Kal. Sept. datus: in quo cum eadem, quae prius, repeterent, et ſe ulla de re agere poſſe negarent, niſi univerſus exercitus intra fineis reduceretur, rex, repudiata legatione, oppugnationem orditur, ea, qua cum Samoſcio convenerat, ratione; cui et in eam rem omnem peditatum tam Polonum quam Pannonicum attribuit. Pannonii, Bornemiſſa, qui rei tormentariae praeerat, et Stephano Carolo, qui Michaëli [g] Vadaſio ſucceſſerat, ductoribus, flumen tranſmittunt; et locum verſus occidentem caſtris deligunt. Ipſe ad inferiorem fluminis ripam, ubi urbs antea fuerat, nonnullos diſponit, qui foſſas ac munitiones ab ea parte inchoarent: ſed, ſerius opinione accedente peditatu Polono, cum ſegnius opus adminiſtratum fuiſſet, eruptione ab obſeſſis facta tirones quidam in vallo relicti diſturbati ſunt, amiſſo ſigno, quod illi propere in arcem confugientes ſecum abſtulerunt. Id leve damnum et ad decus tantum pertinens mox confluentibus copiis facile ſartum. Nam et ſequenti nocte tormenta diſpoſita, et intervallum, quod [h] Lovatum et lacum verſus ortum intercedebat, ex Samoſcii ſententia perfoſſum fuit, quo foſſa deſiccata commodius miles ad oppugnationem ire poſſet. Inde ejaculationibus ignitis certatum, quibus incendium excitatum in oppido: ſed confeſtim madore ſuperjectorum ceſpitum reſtinctum eſt. Collucente tamen incendio territi Moſci legati, qui adhuc in caſtris erant, interim admitti petierunt. Poſtridie admiſſi, cum incendium interim quieviſſet, jam metu ſoluti has conditiones proponunt; ut rex ab armis diſcedat, Curlandia et Riga acceptis, quibus et poſtea Polotia adjecta, et ad ultimum pro captivis [i] Jeſeriſcia; quorum omnium ſola Jeſeriſcia in Moſci poteſtate erat. Cum rex eas recuſaret, legati aequiorum a principe ſuo impetrandarum ſpem faciunt, ſi tabellarii ad ipſum mittendi facultas detur, et tantiſper, dum ille rediret, oppugnatio intermitteretur. Nec Lithuani id aegre audiebant, in quos obſidionis incommoditates recidebant; quod apud ipſos belli ſedes eſſet, et poſt captam urbem ejus ſervandae onus pertinebat. Rex igitur, qui id nollet, ut Lithuanorum urgentium poſtulata eluderet, Samoſcium accerſi curat; qui de oppugnationis ſtatu interrogatus, cum ut in re, quemadmodum omnia ſunt belli incerta, nihil certi promittere poſſet, tamen ita de regis fortuna ac virtute militum bene ſperare ſe dicit, ut, ſi oppugnatio non intermittatur,

INTERPR. [a] *Zamoyski.* [b] *Kilcow.* [c] *le Knes Theodore Obalenski Likow.* [d] *Caſſen & Oczakow.* [e] *Wicickow.* [f] *Suraſs.* [g] *Vadaſi.* [h] *Louvat.* [i] *Ozierziiſcie.*

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*6, - 66.6+ ' 3+ *' ,) , , - ' , / 6+ - ' 6 7.2 6+ . ' - * - 0 4+2 606' 9 6+ ' +6 *' 15 '
5+9*.6 1*,'5, 6. ,6 ' (. - 1 , 1' - . *4.6+ - ' *60 - ' 50 - + - ' R9.6 8 ' +6 .4 5 *
, 5, - ' + +*' ,6 2, , *6 ' ' $. * * 1* ' : . "" + - ' +2 0 06 .2 - . 0<+85. 60, +* , +"+* '
.50 0 ' 3+1' . "1 ' ,6 51*60 .2 01' "1 , 1 ' 3+1' . *9+ 6 1 ' . , +8 0 .6 ' +2 6. 1' 150 0
$ .61 ' 5+": 8 "+2 - 66 6+ ' . *60"+, . *1 60 - 51 0 ' 3+ '6+ - ' 1551 6. - ' ,1 5+ 6 ' ,0 5 '
,3 ,'40<, 1' 5. ,60 - '5 15+9* . , +" ' *+4. : 6 ' 2 ' +6 *3+0. , 60 ' ,0 6.6+ - $1 1* 8
9*0 - ' ,<. , +". *6 2+8 ' ,6 1 0 8 *,0 4 + - 0 6 *9+0*6 2+8 ' $+9*. - ' *1/ ' 4 06* 6
3+ .0 ,6 $1"1 : 8 ,"155,61 + - ' + + - ' 3+ 2+8 5 .0 "4 . 18 * 0 6.2. *6 ' , 5+ 6 ' 06 12 '
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3+ ' : , "", *6 ' .4 0 - ' " 91*0 90 0*4 . - ' 71 6.6+ #h 2 . *1 : 1' , +*' 41*01' 40"0 61 + - '
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&+ +8 ,6 2 ' , , 6.6+* . ' * 3+ 1 , ' 12 0 1 + - ' ,1*4 6 1*0 ' 3+1 + - ' +*+8 *1 - *0 (. '
2 *+8 ? 1 "2 : +8 51"" 150 . - ' 1 6 6, ' * . : .6. - ' 9 . : 60 ' : +"*0 .6+8 *' $1"1*1 + - '
- . *+8 40 : 0* 6 ' 0 4, ' 5 .4 4 ' " . - ' +6 6 ' *60 19.6+8 ' 08 : 0 1' - .<1 08 *90*8 '
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0 "0 ' 3+ .0 , + - ' , , 6, 8 ' < . - ' 0/5+9* .6 8 ,1 - 5. . ' 51 "06 ' ' : . ""1', . - 1, *9 6+ 0 8
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CIↃIↃLXXX. ſperatum militi debitum praemium corrumperetur, Moſcos ad deditionem hortatur: HENRICUS III. et illi quidem non abnuebant; ſed conditiones, tanquam rebus integris, proponebant, miſſo ſacerdote: quo Samoſcius penes ſe retento, Paulum [a] Julanum cum Chriſtophoro [b] Diovio ad eos mittit, qui, quo loco eorum res ſint, doceat, nec aliam deditionis rationem eſſe, quam ſi ſe clementiae regis permittant. Dum in eo ſunt, jam illuceſcente die, rex cum ſenatoribus in caſtra venit; et cum eo innumera calonum ac lixarum colluvies praedae ſpe per vallum eniti conatur. Quod conſpicati Pannonii, expertem laborum et periculorum turbam ad praedam convolare frementes, de Moſciſque jam tandem poenas expoſcendas, et eorum ſanguine tot commilitonum et aliorum exquiſitis ſuppliciis excruciatorum mortibus parentandum alta voce clamitantes, in arcem irrumpunt, et promiſcue omnes interficiunt; quorum exemplo incitati Poloni idem faciunt. Periculo exempti praefecti tres, et Joannes [c] Wicichovus, qui, ut principis ſui ſecretorum particeps, cum diligenter a Samoſcio interrogatus eſſet, ille more patrio ad ſupplicium et cruciatum deſtinari ſe exiſtimans, dum ad Georgium Farensbekium, quem in Moſcovia cognoverat, mortis deprecandae cauſa ſe proripit, a Pannoniis fugam id interpretantibus imprudenter occiſus eſt. Jam ignis ad turrim, in qua pulvis tormentarius aſſervabatur, pervenerat: cujus reſtinguendi cura, milite in praeda occupato, negligebatur, cum ſubito fragore magna pars aedificiorum vicinorum disjecta eſt, et magna hominum ſtrages edita, corruptis tormentis et magno armorum ex manubiis Livonicis olim captorum et eo loco congeſtorum numero. Id actum Non. Sept. Protinus mortui, qui per acervos jacebant, a lixis ſepeliri juſſi; foſſae, a quibus oppugnata arx fuerat, juſſu regis complanatae. Proxima cura fuit arcis inſtaurandae ac muniendae, quod ſine ea agrum vicinum teneri non poſſe appareret, adhibito architecto Dominico [d] Rodolfino Camerte; ex cujus ſententia delineatione facta, rex opus in Polonos, Pannonios et Lithuanos partitur, aemulatione nationum eo citius perfectum iri exiſtimans. Moſcicus exercitus ad [e] Toropeciam ſedebat, cum mandatis ne proelii aleam tentaret; ſed hoſteis, ſi qui frumentandi cauſa excurrerent, interciperet, et eorum conatus impediret. In eos miſſi a rege Joannes [f] Sbaraſius, adjuncto Georgio [g] Barbelio et Alberto [h] Kiralio. Ii cum delecta Polonorum et Pannoniorum manu, nec non Germanorum, quos ducebat Farensbekius, ad Toropeciam tranſmiſſo flumine, cum Moſcis conflixere, eoſque in fugam vertere. ıↄ interfecti: cc capti; et in iis Demetrius [i] Ceremiſſa et Joannes [k] Naſciokinus, quorum mentionem ſupra fecimus. Eodem tempore Philo Kimita Palatinus Smolenſcenſis cum non exigua levis armaturae manu in agrum Smolenſcenſem excurrebat; ſed, incumbente hoſtili exercitu, captivis, quos habebat, interfectis, et corruptis tormentis, Orſam ſe recipere coactus eſt. Miſſus fuerat a rege, cum Uſviatae eſſet, Nic. [l] Dorohaſtaiſcius Palatinus Polotienſis, ut [m] Nevelam in poteſtatem redigeret, quod ea via a Lukis regredi conſtituiſſet. Sita eſt Nevela ſupra [n] Lukos Lithuaniam verſus in conſpectu lacus, ex quo ejuſdem nominis fluvius promanat, olim pugna Sigiſmundi Auguſti temporibus commiſſa nobilis. Verum, tirone fere milite Lithuano ad eam obſidionem deſtinato, ſegniter adhuc res geſta fuerat: captiſque demum Lukis, eo miſſus Bornemiſſa cum Pannoniorum cohortibus et majoribus aliquot tormentis. Is, inſtituto a Lithuano milite vallo et ulterius promoto ad foſſam uſque, quae a continente caſtrum ambiebat, per cuneos progrediendo in validas contignationes tranſverſis lignis confibulatas incurrerat, quibus x pedes in latitudinem ab ima parte ad ſummum uſque ſuperinjecta humo labrum foſſae

INTERPR. [a] *Julan.* [b] *Diowie.* [c] *Wicickow.* [d] *Ridolfino da Camerino.* [e] *Toropecz.* [f] *Sbaras.* [g] *Barbel.* [h] *Kiral.* [i] *Ceremiſſe.* [k] *Naſciokin.* [l] *Dorohataiski, Palatin de Ploczko.* [m] *Newel.* [n] *Luki.*

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, ' , , 5 .6 ' ' .4' ,15 .8 ' 3+.8' 7.202.6 ' i' 504 608' $. **1* .4<+*4 ' 06' . ". ' 03+ 6+ - '
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- "+ - ' +6' *' 67+. * . *0' 06' *40' *' $1"1* . - ' 090 - ' .20+*60 - ' ,3+0 0*6+ ' 4. - '
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praeſidiarios, antequam rex Nevela diſcederet, in deditionem accepit. Interea [a] Samoſcius [b] Savolociam propius copias admoverat: ad cujus adventum praeſidiarii oppidum incendio deleverunt, ponte, qui ab eo ad arcem pertinebat, abſciſſo. Arx in lacu ſita eſt, qui a [c] Welika fluvio efficitur, qui ab omnibus partibus reſtagnans latiſſimis aquis completur, ita ut, qua anguſtiſſimus eſt, ccc amplius paſſus pateat. Eo profectus Samoſcius, ambituque luſtrato, reperit, meridiem verſus aliam in eodem lacu contra caſtrum inſulam eſſe, quae a pleriſque partibus lacu, ab aliis uliginoſo amne ac nativa foſſa defenderetur; ceterum ex eadem breviſſimum ad arcem trajectum eſſe. Igitur, ſi eo exercitum traduceret, utrumque ſe conſecuturum intelligebat, ut et loco munitiſſimo conſideret, et inde maximam oppugnandae arcis facultatem haberet. Itaque, ut majoris exercitus ſpeciem hoſti praeberet, ſignis latiſſime explicatis poſtridie in eam inſulam tranſmiſit, et caſtra in ea communivit. Tria propugnacula ab ea parte objiciebantur, quae non ceſpite veſtita ſed veteri more argilla tantum incruſtata erant; eoque ſpem Samoſcio fecerant, ut, decuſſa argilla, facillime materia arida ignem conciperet, et incenſa tanta lignorum ſtrue incendium latiſſime ſpargeretur. Alebat ſpem ejus [d] Saburovi praefecti ac veterani ducis aſtus, qui, quod pulverem fruſtra conſumi et militem fatigari nollet, ſummo ſilentio, quod non niſi in maximi metus ſignificatione fieri a Moſcis ſolet, ſe ſuoſque intra munitiones continebat; quanquam ſub primum Polonorum adventum quoſdam ex pabulatoribus, quos oppreſſerat, minutim conciſos ex arce praecipitaſſet, terrorem militi ea immanitate incutere conatus. Ad arcem vim facturus Samoſcius ratem paraverat, ejuſque jungendae curam Nicolao [e] Vrovecio commiſerat: tum tormenta ab ea parte lacus, qua anguſtiſſimus erat, diſponit, quae quaquaverſum verberatione directa et eruptiones prohiberent, et defenſores, ne in propugnaculis conſiſtere poſſent, impedirent: quibus rebus adminiſtratis, oppugnationem orditur. Erat acclivis ad arcem ab imo aſcenſus, quem Moſci una altiſſimorum palorum ſepe, biniſque ingentium et acutiſſimorum cervorum ordinibus, juſto inter ſingulos ſpatio relicto, vallaverant. Contra ea Samoſcius ex centonibus ſtraguliſque equorum undique conquiſitis ſaccos complet; atque ita inſtruit milites, ut, cum in adverſam ripam tranſierint, ſaccos eos ſuper cervos injiciant, ſub iiſque deliteſcentes ab ea parte foſſas agerent, unde, repulſo hoſte, ignem in propugnaculum injicerent. Tum contis adacta ratis; quae quod brevior eſſet quam ut eo pertingere poſſet, dum retrahitur, orto certamine, Chriſtophorus [f] Roſdraſevius globo ſupra dextrum oculum ictus concidit. Refecta continuo rate, ejus agendae Vrovecius curam ſuſcepit cum delectis, qui ſacco tecti in ulteriorem ripam evadunt, et hoſtium ſtationem in ea excubantem proturbant. Mox Pannonii pontem tranſgreſſi ſepem a ripa objectam ſecuribus ſcindunt: quo facto, morae impatientes ob adverſam anni tempeſtatem, neque imperatoris mandatorum memores, ſaccis in cervos minime injectis, ac nullis foſſis ductis, nec dum argilla decuſſa, ignem in propugnacula auſu temerario injiciunt; in quo dum ſegnius rem gerunt, Moſci, initio Polonorum celeritate et audacia territi, animos colligunt, et averſis portis undique erumpunt; integrique oppugnatores frigore et gelu torpenteis circumveniunt, et haſtis falcatis ac frameis propellunt; pars caeditur, pars in turba mutuo ſe implicans in ſubjectum lacum praecipitat ac mergitur. Id quanquam praeter opinionem accidiſſet, et animos regiorum non mediocriter fregiſſet, non tamen Samoſcius animum deſpondit; exemploque ſuo ceteros duces in propoſito obſidionis perſequendae confirmavit: continuoque ad regem literas dat per Georgium Sibricum, quibus rogabat, ne incommodo nimia militum feſtinatione accepto permoveretur; neve ſe ab obſidione propterea revocaret: nam de eventu multa eſſe, quae ipſum ac ceteros belli

INTERPR. [a] *Zamoyski.* [b] *Sawolocze.* [c] *Welika.* [d] *Sabouroue.* [e] *Vrovecz.* [f] *Roſdrazowski.*

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20"" ˢ4+,08ˢ20*0ˢ 5, . ,ˢ<+2, . *6*00ˢ:0 1ˢ3+ 43+. -ˢ, .+ .0ˢ: 40 ˢ,+ ˢ 5 0ˢ +.ˢ, .+ .ˢ ˢ
4 +6 +8ˢ 0:4.0ˢ +2 6.6ˢ 6 ˢ 0/ˢ.090 -0ˢ 0 06ˢ6. *ˢ50 * , 1 0ˢ6. - 3+0ˢ ." 0*1 ' # ˢ ""ˢ
60 - 51 0ˢ.ˢ * " 60ˢ0 .6+ -ˢ, "%,ˢ6. - ,*ˢ, .ˢ.09 6+4 *0ˢ*1*ˢ - 04 1, 60 ˢ 0ˢ"0: .6+ - ˢ 0* ˢ
ˢ . - ˢ *60""0/ 6ˢ ". 0ˢ 0*60*6 . - ˢ(. - 1 0 1ˢ155+9*.6 2*0 - ˢ50 03+ ˢ *03+0ˢ"1* ˢ
9 1 0ˢ* 1 .ˢ " .ˢ *ˢ ˢ 09 1. 2+8ˢ15+8ˢ0"%0ˢ . - ˢ.4ˢ ,060 .8ˢ .** ˢ *,1* - 14 6.608ˢ ,6ˢ
,1* " - ."+ - ˢ41ˢ3+1ˢ +5 .ˢ4 / - +8ˢ3+14ˢ 6." . - ˢ 5.* . - ˢ06ˢE."" . - ˢ.4 " /0 ˢ
ˢ ˢ . , , ,""""6ˢ ˢ 3+1ˢ *1*ˢ 2"+ - ˢ * " 6,8 ˢ 04ˢ 0/ˢ 5 0ˢ $1"16 .0ˢ60* .6+8ˢ +0 .6ˢ 9 6+ ˢ
Qˢ Q ˢ - - 1: 6ˢ66ˢ *40ˢ ˢ, 460 ˢ03+ 608ˢ$1"1*18ˢ. ,616 40 - 504 608ˢ$.**1* 18ˢ.4ˢ
.* " + - ˢ - 66 6ˢ4+41 ,ˢ(6057.*1ˢ . 1"1ˢ 1/ˢ 0 0 6.ˢ40*+1ˢ .60ˢ.0ˢ4+5", .6.
ˢ.H ˢ 5 ,ˢ S ˢ: 1 + - ˢ, .5.0 ˢ3+14ˢ - 1*. ,71 - ˢ"1, ˢ0 .6ˢ06ˢ3+ .ˢ - . + - 5"0 ˢ
. - ˢ0" ˢ *09"0 "+ - ˢ +0 .6ˢ 0 0,"1 ˢ . , , 3+0ˢ .2ˢ +6 .3+0ˢ5. 60ˢ12<04 8ˢ (. - 1 4+8ˢ
6 ˢ1*ˢ .ˢ5 15+9*. ,+ .ˢ6 .ˢ .4:0 .ˢ61 - 0*6 8ˢ3+ .4ˢ<+206ˢ3+1ˢ . 9 "".ˢ4060 .ˢ. ,ˢ
- . , ".ˢ4 ", , 56.ˢ3+. :ˢ:0* 8ˢ.50 6 8ˢ, , , +8ˢ 9*0 - ˢ .50 0*6ˢ ,+ - 3+0504 6.6+8*0,ˢ
. 8ˢ - - * + - ˢ*, , : "+ - 7.2 6+ +8ˢ: 4, ,6+ ˢ*12 "6.8ˢ03+ 8ˢ4 - "" 8ˢ .0 - +".6 1*0ˢ
4+4ˢ ,"" 5 6.6ˢ ,+ ˢ ,ˢ+"6 1ˢ,1*<+*/, +9 6ˢ3+ ˢJ. 0*820R 1ˢ - "6.2.*6ˢ*12 "08ˢE0 ˢ
- ,* ˢ "+ 5, .61 ˢ *ˢ - 04 .ˢ. , ,ˢ3+ ˢ,+ - ˢ . , 2+8ˢ.4ˢ *,0*40*4.ˢ - 10* .ˢ0/504 6ˢ0 ?
" *6ˢ ,+""1, .6 8ˢ *ˢ40/6 1ˢ,1 *+ ˢ,1*6 .ˢ3+14ˢ +50 +8ˢ5 15+9*. ,+"+ - ˢ1551*02.6+
$1 1*1 ˢ ,6ˢ <, - .*18ˢ *ˢ".0:1ˢ .4ˢ."6, - - ˢ5 15+9*. ,+"+ - ˢ 504 .*60ˢ $.**1* 18ˢ
".6+ 6ˢ3+ ˢ+6 *3+0ˢ - 04 18ˢ 9*0 - ˢ * 0 0*648ˢ6+0 0*6+ ˢˢ$1"1*18ˢ ˢ& 1:04+8ˢ,6ˢ0 ˢ
)6+6+8ˢ *4 0.8Uˢ 0,71: +8ˢ4+,02.*6ˢE0 - .* 8ˢ$. 0*820R +8ˢ 671*0 - ˢ) /0 ˢ
04 + - ˢ5 .0 046ˢ .60ˢ *60ˢ,1* , 6 "" - .8ˢ71 6 * - ˢ0<. ,+".6 1*,8ˢ - 5+" .ˢ06ˢ.4:0 .0ˢ
5. ,ˢ*55" 0.6.ˢ 08ˢ *, 4 6ˢ3+.0ˢ.* - 18ˢ - .<1 ,8ˢ 09 8ˢ0, 6ˢ, .0"1ˢ6+ *ˢ 1 60ˢ51"" ,17 ˢ
6 *+18ˢ - 2 0 8ˢ 050*60ˢ 0 0*.61ˢ A. - 3+0ˢ,+*4.ˢ.4ˢ: - ˢ . , 0*4. - ˢ5. .6.ˢ0 .*6ˢ61 B
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- .*6ˢ (. - 1", +8ˢ5.+"1ˢ.*60ˢ5 1ˢ4 9* 6.60ˢ, .*,0"". ˢ3+.ˢ +*902.6+ ˢ" 60 .8ˢ.4ˢ12 ˢ
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- , - .ˢ +.ˢ ,18ˢ ,1* , %.*418ˢ 6.6+ "0ˢ06ˢ.2ˢ1 - * ˢ *<+ .ˢ5 17 20 0ˢ ' 3+.0ˢ3+1ˢ 0" B
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.*6ˢ3+.8ˢ6+*,ˢ50 ,+"1ˢ60 6 ˢ5 - + - ˢ:1,0ˢ40 *ˢ - "8ˢ." 3+16ˢ 0 15506. 1 + - ˢ
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.61 ˢ . , , ,6ˢ ,+ - ˢ 8ˢA1ˢ%71 - . - ˢ0 1<0: + - ˢ5 .0 04+ - ˢ $ 0 . "0* 0 - ˢ - 66 6ˢ
3+ ˢ. 00 - ˢ. , , 50 ,6ˢ,6ˢ$.".6 *18ˢ.4ˢ 0ˢ.44+,0 ,6ˢ8 3+ ˢ3+.*6+ - : 8ˢ 0"+4.*608ˢ,1 ˢ
90*6,ˢ - " 60ˢ .44+4ˢ +*6ˢ 04 6 6 8ˢ 408ˢ 0 : .6.ˢ ' - .6 1*.03+0ˢ *1**+) . ,ˢ3+.0ˢ
+R 8ˢ, .56.0ˢ +, .*6ˢ " 20 6.6ˢ 0 6 6+6.0ˢ:0 61ˢ (. - 1 0 1ˢ *0ˢ5+4 , 6 .0ˢ, . + - ˢ *ˢ
6.*6.ˢ6 *, 8ˢ"1*9 *3+ 6.60ˢ6.*6.3+0ˢ - " 6+ - ˢ" ,0*6 .ˢ *<+ . 0 06ˢ< - .*6 2+8ˢ 1 0 8ˢ
56+ˢ 1ˢ ,+ - ˢ , .+ . - ˢ 9*1 . 0*6ˢ . ,ˢ +"6 1ˢ .60*6 2+8ˢ 0ˢ0<+8ˢ .06.6 8ˢ . ,ˢ 1 - . ,ˢ - + ˢ
" , ,8ˢ$1"1* 8ˢ 044 6+ 18ˢ*1* + 0ˢ +2ˢ:0 1ˢ, .+ . - ˢ *60""0/0 +*6ˢ5.". - ˢ<.4.*6 ˢ
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,6ˢ +6ˢ5 1/ - 1ˢ.**1ˢ50ˢ0.ˢ"1, .ˢ - 5 4" 1ˢ *ˢ71 6 ,+ - ˢ 0 06ˢ61 - 0*6.ˢ1 - * .ˢ *ˢ
, .ˢ4051* 6ˢ 5 .0 4 13+0ˢE,1 9 + - ˢ8ˢ(2 ,+ - ˢ5 .051* 6ˢ ,+ - ˢ$.**1* , ˢ - " 6 8ˢ
5. 60ˢ J. 0*820R + - ˢ,+ - ˢ, 1ˢ03+ 6 2+8ˢ".6 1 0ˢ, ,+ 6+ˢ ˢ 51, . - ˢ:0 +8ˢ5 1 , 0 ˢ
+6ˢ ˢh ," R. ,ˢ: .4.ˢ0/5"1 . ,6ˢ,1*:0 13+0ˢ.4ˢ * " + - ˢ50ˢR . ,0 4. - ˢ 6 *0 0ˢ .4ˢ
$1"16 . - ˢ + + - ˢ1, ,+ 0 0 2ˢ<+206ˢ 5 0ˢ0/5"1 .6 8ˢ) 0 .0ˢ06ˢ , .0ˢ". ,+8ˢ "+ ˢ
: 1 + - 3+0ˢ0/ˢ 8ˢ5 1 "+0*6 + - ˢ,+ 2+8ˢ& "*. - ˢ.4ˢ 090 - ˢ:0* 6
& ˢ (ˢ+ˢ ˢ 4ˢ*+*4+8ˢ."".6+8ˢA1.**0 - 1", 1 + - ˢ4+00 - ˢ+/1 0ˢ 05+4 .6.ˢ3+14ˢ
3+1 ,8ˢ:+"6ˢ "" ˢ - 1 2+8ˢ5.6 8ˢ" ,06ˢ 0/6+ - ˢ<. - ˢ - . 6+ - ˢ*1: . - ˢ *4 41ˢ5+0"". + -
5+2" ,1

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CIƆIƆLXXX. HENRICUS III. publico delectu duxiſſe. Id autem in hunc modum peragitur. Proceres nobileſque cuncti, qui filias nubileis aliqua formae commendatione in poteſtate habent, edicto propoſito eas ad diem dictam adducere jubentur. Tum in domo ſpatioſa ad id parata conveniunt; ubi per coenacula XII lectos habentia totidem puellae diſtribuuntur, quae rex, ſene uno comitatus, ordine omnia circumit; et, ut quodque ingreſſus exſtructo ſolio conſidet, puellae magno principi ſuo placendi et ad eam fortunam perveniendi deſiderio elegantiſſime quam poſſunt ornatae ad genua ejus geſtu compoſito cunctae ordine procumbunt; ſudarioque unionibus, gemmis et auro intertexto pedibus injecto, diſcedunt. Quam ex his princeps probarit, ducit: ceteras agris vel pecunia donatas dimittit.

XVIII. Rex Vilna [a] Grodnam proficiſcitur; et, dum comitia celebrarentur, ne tempus interim ſibi periret, ad privatas pecuniae mutuae rationes ineundas animum intendit: de qua rurſus in hoc bellum commodanda Georgium Fridericum Boruſſiae ducem Polonici imperii beneficiarium, Auguſtum Saxonem et Joannem Georgium Brandeburgicum ſeptemviros appellat. Tum, ubi Grodnam venit, Rigenſium legatos audit. Eorum civitas his conditionibus a Sigiſmundo Auguſto in fidem recepta fuerat, quae ad regiae majeſtatis jus enervandum, magiſque ad vanum urbis ſplendorem quam utilitatem, conventae viderentur. Cum rex eam ſociam quam ſubjectam habere mallet, eae mollitae: miſſuſque Jo. Demetrius [b] Solicovius, qui poſtea archiepiſcopus [c] Leopolienſis in Ruſſia Polonica fuit, et Wenceſlaus Agrippa, qui honeſtioribus obſequii legibus civitatem in fidem acciperent. Portorium in ea inſtitutum; et ita ſumma regis aequitate diviſum, ut ejus proventuum duae partes regi, tertia civitati in portus ac ſtationum inſtaurationem cederet. Major contentio de vallo ante arcem exſtructo et archiepiſcopi bonis fuit: ideoque in regis ad ea loca adventum rejecta. Non bona fide in eo negotio verſatum Joannem [d] Taſtium unum ex Rigenſium delegatis quidam ſcripſere, qui domum reverſus, cum collegarum nomine de legatione ad ſenatum referret, callide diſſimulavit templum a rege petitum, (nam oppidani ut nihil in religione moveretur ante omnia poſtulaverant) et ut Jeſuitae reciperentur: tum de munitione urbis et bonis archiepiſcopi conſultationem in regis adventum dilatam eſſe; quod poſtea magnis turbis cauſam praebuit, et Taſtio ipſi exitium attulit.

XIX. Inde rex Warſaviam ad comitia tendit; ubi Ordines, ut ſucceſſum urgeant, et non tam laetentur victoria quam utantur, hortatus, univerſum Moſcorum imperium, quod illis fortuna in manus quaſi dare videatur, ejus praemium proponit: quod ſi non appetendum aut ſperandum arbitrentur, at eo uſque in armis maneant, dum Livoniam, quae juſta belli ſuſcepti cauſa extiterit, inſigne apud poſteros virtutis ſuae monumentum, imperio Polonico adjungant. Ceterum magna incommoda ex eo ſequi demonſtrat, quod quotannis tributi cauſa ad comitia obeunda in regnum revocetur: nam militem continuis itineribus confici; hoſti reſpirandi ſpatium concedi; et, tardius exacto tributo, multas rerum gerendarum occaſiones ea mora corrumpi: quibus incommodis ut obviam eatur, e re videri, ut biennale tributum ſciſcatur: quod vix tandem impetratum, ea lege, ut, ſi pax interim conveniſſet, tributa ceſſarent: quae tamen conditio tandem remiſſa eſt. Venientem regem ſecuti fuerant Moſci legati, per medium regnum quaſi in triumpho traducti; qui rurſus admiſſi cum Nevelenſeis conditiones urgerent, ac praeterea quaedam alia caſtella ad ſuperiora adjungerent, rex contra, niſi omni Livonia Moſcus decederet, convenire non poſſe reſponderet, irritum fuit colloquium, reque infecta a colloquio et comitiis diſceſſum eſt. Tantum decretum, ut, ſancito biennii tributo, rex non prius pacem ſe facturum cum hoſte polliceretur, quam is univerſa Livonia exceſſiſſet. His comitiis inſigni exemplo

INTERPR. [a] *Grodno.* [b] *Solikowski.* [c] *de Luwow,* Germ. *Lemberg.* [d] *Taſty.*

,/,-5"1' *6,"", +-' 0 6' 3+.*6+-' .4' " 20 6.60-' 6+0*4.-' -50 +-' ,9 -' *6 .' M
,0 618' " - ,8',1) , 6+-' -1-0*6+-'7.206' 6.*6+-'0.' 0'5160*6 .-'06' -50 ' 12+ ,+8' "
.4' 0/60 *.8' 0/504 6 1*,8' + 0 5 0*4.8' 402 " +8' 044 ' 4+-' 0/' * 7 " ' * ' ,1* +"6 81
4 * 2 ' 40,, *, ,' 5160 6' 06' *' -+"61 +* '0 6' 5160 6.60' 51X 6+-' 3+.0' +* +8' ,1* " 1
0A0' * 6 6+6.' 0" , 60 '5 1,040 0*6' *60 ,040*60' 5+2" ,.'.+ 61 6.60' 50 :0 60 0' .-
,/*12 " 6.60' 5", 3+0' 6+ *' 5+2" ,0' *60 ,0 0 +*6' 090-' 19.*608' +6' 0.' 0/504 6 1*0
70" +-' * ,6' 3+ 40-' *12 " 6.60-' -./ -03+0' .- " .8' 0<+8' + 6 ,.8' 3+. +-' .j
"+ 0-' -0' +. +-' 3+ 3+0' 0 +-' 406 -0*61' *09" 90 0' *1*' 51 6 6' 6 2+6 8' 6.' 0/
7.+ 6.8' +6' -.<1 2+8' +"60 +8' 0 0*4 8' 5. 08' *1*' *6' +6+ .0' 4' 3+.0' 0/' " ,06' 20"
"+-' *,,, ""6.6,' 0/,+ . 06' ""+43+0' - * -0'.' 0' 40' *4+ 6 .'."' 4 ,0 06' .+"6 8' :0 2 8
4 5, ' 40-1 6 . 06' 16 1' 06' ,,+ 6.6 ' 3+.0' 5.,0' 0/506.*6+ ' *1*' 040' 51 0' ,1*
+" ' * '0.',+-' 4 9* 6.6,'.,' 5+2" ,.' 09*' +6 " 6.60' ,1*<+* .' *6' 6.-0*' 0-.*.*6,
,'.4' 71 60-' .-.', 04 6+-' + 6' 01' 1 ,+-'." 13+' 50 ' 0' 402 "0-' *' ,1*4 6 1* 2+8
,' 4+ 1 0-' 5 .02+ "%0' 3+14' 50 . 06' 0/6 .41' 20""1 ' $1"1*18' +-56++-' 50 6.0 18
,90-' 3+.*6+-' 51 60*6' .4' 5.,0-' :0"' *: 6+-' 6.*40-',1.4+ 18' (+2' 0/ 6+-'.**
$7 "1'.' +R0* 8' 5 .0 4 ' 5 .0 ,4 +8' +6' - " 60-' 0/0 ,0 06' 2' 70"-.-' 1 ,,.-
3+14',. 6 +-' +5 .', 1:.6+-' 6+-' 0 6' . 6 *+-' ' + 6 +-' 06' E.2 0"0-' U 1"+
20,1*,-' 4+,0 ,' <+206' " ',+-' 0/',.56 : 8' ,19*1: "%0*6' 1 018' 155 4+-' -1 0' +1
*,0*4 "0' 6.*6+-' +*.-' 41-+-' .4' .90*4.8' 0/,+2 .8' 0" 4.-' *14+' 5 19 0""' 6.
6 1*. 18' 155 -+*6' < 06' *60 ,"+"2' .' 60 91' 0,056+' *' . ,0-' ,1*,04+*6' 40-
(2 ,+8' 0/' 8' (.:1"1, .' 0, 6' * 6.+ .61' .4' &1 1*0, .-',. 6 1' .' 0 6' + 28' +5 .
5 .0 4 +-' ++-' .4#(1 ,.-' 6.' 5 1560 ' "+: ' 1551 6+* 6.60-' 3+' *' h 0" ,.-
*403+0' +2' $", ,1: .' *'".,+-' $0"2.-'.,J *".*4 ,+-' *+-' * "+ 6',1- -0 , 8' 06
155 4.*1 +-' 03+0*6 .' *12 " 8' 1/' ,1*<+*4 8',+-' S - 6.': 2+8' 5 0.-' +
.-' 3+.0' .4' -.9*.-'' 1:19. 4 .-' 50 6 *06' ." *. +-' :04 9." 2+8' 06' ,1- -0 , 1
.-5" " -+-' 155 4+-' 0/,+ +*6' < "1,+-3+0' *+""1' 150 0' -+* 6+-' ., "0' ,.5 +*6
.,' 4 5 +*6' 06' *40' 41-+-' 5 .04.' 1*+ 6+-' - " 60-' 04+,+*6' A1.**08' (+0, .0' 0/
5.+"1' .*60 ' 4+-' (6057.*+8' *' 71 6 ,1' .20"%06' ,"."%0-' .4' V . :.-' - 0 .6' 3+.0
609 8' .47+,' 6+,' 02+8' 7.*4' 3+ 43+.-' 60*6. 0' .+ . 6.*6+-' ." 3+16' .04 , 8' *
" 61 ,' 0/+ 6 8' 06 1' :0".' *' 5.6 .-' 0, 6' $1 60.' +2',1- 6 1 +-' 60-5+8' 40-' A1.**08
3+ 2+8' 5. 6 2+8' 2,""+-'.**1' 03+0*6' (6057.*+8' 1 4 06+ ' 50 '" 60 .8' +6' 0 06' 19.: 6
6' $1"1*+8 ' 3+14' .*60' .4' 71,' 20""+-' (+0,+8' 0' 71 6.6+8' + " 06' 5 1' -+6+.' *0,0 " '
6+4 *0' - * -0' ,+-' ,0". 0' ,1* " .' +.' 4020 0' ,0* + 68' 06' 0' $"0 ,1: .-' 6+ +-'
1 60*4 6

' 1 ,' 6161' .**1' *' D$.**1* .' D ., .' 50" .' 06' , ,+-51 6 8' -50 1'
671-.* ,1' 09 1* 2+8' 3+ 08' + 6' 06' 20""1' *60 ' $1"1*18' 06' 1 018' .,,0* 1 %0 '
-, :. ,* 8' 5+ 5+ .6+8' 40' 616' .55. .6+-*' 20"" ,1 +-' 0/ 6+' .*/ +8' "09.6+-' *' 09 8'
,. 6 .' - 66 6' 8' .+4 6+' 4' 1: ' 06' : 41 .-' .4:0 +8' 1 018' 5. 6.-' 09' 5 -+ .'
9 .6+".6+8' +2<0, 6' -50 .61 0-' ++-'.' 5+ 5+ .61' +40* ' *60""0/ " 0' 1-.*1 +-'
.0 . 0-' ?' 1 -20 9.0',+-' 0560-: 8' 40" 20 .60' 3+1-141' 50 ' 1,,. 1*0-' 20"'
"+*6' %+ 48' * 0 ' 0' 51 6 6' ,+50 0' %+ ,+-' +6' 0/' 3+.*6+-' *' 5 1' 6' 0.' ,1* ".'
-504 .6' 5 .06, 0.' S1 .,18' 4 - 18' .2' 0/,+ 1* 2+8' *' ., .-' 06 h .".,7 .-' .2'
6 *0.6' %+ * ' 51 04 8' -50 .61 8' + '" 60 8' 5 150 0' -1 0' 90*6 8' 06 19 04 6+ ' $1 6'
,+-' .4- +8' %.6. ' "09.6+8' :0 60' 21-2;, *.' *4+6+8' 06' .' 1 01' .4' 20""+-',1*6 .'
$1"1*18' -50 .61 0-' ++-' 1" , 6. ' 5 .0 .6+8' ' 6.-0*' 09' 5 151 6+-' 6' 60 6 .
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CIↃIↃLXXX. HENRICUS III.

vice in Moſcos ducere, principem ſuum malle Polonorum quam Moſcorum caſtra ſequi demonſtrat. Quibus dictis, humerum ſiniſtrum dextrae regis ſcapulae, quod obſequii et reverentiae inter Tataros ſignum eſt, ſubjecit; et regi ocreas, arcus, ſagittas, pharetramque deauratam, gradarios item equos duos mirae pulchritudinis donavit. Turci, quod per totam Pannoniam belli fama pervagata erat, et paſſim miles ſcriberetur, ne alio, quam fama ferret, id erumperet, ſubveriti, legatos cum his incertis mandatis ad Poloniae regem miſerant, qui, quid ageretur, ſpecie legationis coram certius explorarent. Nam vires Turcicae in orientem verſae erant, bello Perſico jam ante aliquot annos inchoato occupatae; quae tamen, mutato ſummo belli duce, nihil maxime memorabile neque hoc anno neque ſequenti geſſerunt.

JACOBI

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6ʼ % %ʼ ʼ E - ' - ! ʼ -7ʼ . # " ʼ ' ʼ - - - ʼ H - # - ʼ ʼ & ʼ # Iʼ
U ʼ ʼ ! ʼ #)$ & ʼ ! ! 6 " ʼ " ʼ , ! $
/ , # # # # ! ! # " ʼ ʼ ! " ʼ " ʼ , ʼ)2
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,,56 8' U . :.' 0+ ,7"1 1'%1 5.61' 4 0: 1' 3:29 140,1' :1* ,1' ,0"+ +-'
5 1- 0 .6' 0/',1*6 .'5., 8'+" .-' - 0*6 170-' 0 ' 0l5. + +-' 09.2.6' * 6'+*'
:0 .-' :1* .-' 1 ,+8' 0" *3+0 06'' .440" 63+0'*,3+0 'h 0" 6+-'+).' 0' ,1*4 '
6 1*0' 4 - %+ .-'.,'5060 0'+6'((020 +- 3+14' 450* 6+8' *6 .'4 6 1* 8' 09 .050*0B
6 ."' 66+-'0 06'3+1' 5./' - 1' 0+4 06+ '40 6 +0 06+ ' 40' 4.6.'+6' 5 0' : 4 " -'
12'0.*40-',.+ .-'' ". -'40-1" 06+'< * +50'+6',,,,'.+ 01 +-' 1' *' 20""+-'
* + - 56.' 0 +*40 0*6+ ' (04' 51 60. '*+*41' - 1 6<8' % .* ":.*' .,,0561' - +6.: 6'
1 , 8' 06' "60 8' .' 7 61571 1 0,1' .4' ,+-'.' 090' - 1' ."".6 8' 51 6'"1*9.'
1 .6 1*0' 05066.-'5., 8' .4 1*, - ' - +"6.' *' ,9 8' *: 4 .-' .4402.6'< 3+14' 0:0'
,* 62+8' ,1*4 6 1* 2+8' ". 0' *1"+ ,6' 3+14' 06' (020 .-'40 6 +'06' + - 56++-'*1 l
- *0' - .9*.-': -'50,+* .0' ".9 6. 06' .6,5' 0 0'0+-':0""0' 0'6 2+6. + -'0<+80 "0'
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.+4 6- '7. 60+8' + 0' (020 6+-' 0' 5+0 1' ,1*4 6+-'4+-'(9 - +*4+8' 0/'$1B
"1* .'06' 67+.* .'516 06+ ' 06 .-',+-''$1"16 .-' 0908' $1"1* .0' 60*0 0*6'06' + '
6,.,'4 6 1* 8' 0 - 50' + 0' * +50' *4 9*.2.6+ '3+14' 0/' *+)18' .4' 0' "09.618' - '
6 06' 6.3+0' 0'3+13+0' *0,'51 6'3+.4 .90 - + -'.+6'3+ *3+.90 - + -'.**+-'1 .61 08'
+""18' - + + -' . - .2.6' $1 6 0-1' *' 090-' - +"6.'.,0 20 * 50 .'< 3+14' - * - 0'
09 1' .*9+ *0' *.6+8' 0 06' 06' - +"6.' - - .* 60' .' + 8' 5.6 .6.' *4+"90*6 +8' 6+" "06'< 0/'
, - 5"+ - 3+0' 40' .4 50' 0' ,.4.:0 0' 7+-.*1' 406 .41'. 0 02.'< 4, - + - 3+0'3414'9"12 8'
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, 0*4.0' 04'0/5"1 .*4'.,' 0'4 0+ - :0* 0*4',.+ .':066 0*6'*1""0' 0'6. - 0*'12'01 + -
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. 60 . 6+ - ' *6065 06.2.*6+ '$1 1* ' +6 51*6 0/' 5. 608 +.8 <*60 51*0 06 '3+1 5./
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609 .0 *1* 0"%0*6 ' 06 " - 56+8 20"" ' 3+18 *1* 51*60 04 *<+ 8 ,1.4+8 0,0 6 ' ." 1 '
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3+. - ' +6 .' 3+1 *<+ .' 5 1 04.' +, 6 .2 0140 - '1 - * 8 *<+ .0 ,.+ .' 06 4. - *+ - '
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1 - ") + - ' - *.6+ ' ' *. - ' 4 "1*9 " - + - ': 6.0 5.6 + - ' ,"%0 ' *1* 9 6+ '51 6 /*
.+6 ' .**+ - ' 04 , 6 +8 1 6. "0 - " + + - ' %+ * .4 ,1*6+ - 0" 1 .' 40 00*4 6 ' *1* 0
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0<+8 061 3+06 3+0 * 616 5 .0,". . 0 - "6. 8 *+50 . *:0*6. +9 .*6 4 0/6 0B
- + - 0+ - .4 ""*9+". 0 ,0 6. - 0* 5 1:1, .6 $"0* +8 7.0, 06 ,15 1 +8 " . 05 61".
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06 19.6+8 +6 .4 ,1* 0 :.*4. - 4 , 5" *. - - 1 0 - . 1 + - + - - + . 0/0 , 6+8 4+
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E - . "0 7.202.6 3+14 4+ - * 71 6 ,1 20""+ - 90 02.6 . 60 91 .<1.**0
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- 1* + - 4040 .6 ,+ - 0/0 , 6+ *60 0. * :1* . - - 0 .6<3+ . - . ,1*6 . 1 ,+ -
0/ 1,4, 0 40 6 *.6. * :1* . - 5 . - :0 60 .6 06 ,. 60"" . 3+.04. - 3+.0 .4
" . - 06 - . 6 - . - 09 1*0 - 50 6 *0*6 1, ,+5.:0 .6 + 6 . .*60 .4 0+ - A1.*50
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% 1 ,+8 $"0 ,1: . - *+* 02.6 - + 8 :06+ 6.60 *09",4 8 *1:1 150 0
* 6.+ .6 8 06 *1: 8 .4 5 1 . .44 6 8 5 15+9*. ,+" 8 ' 5 .0 4 3+0 0/ . , 2+8 : , * 8
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6 6+6. 51"" "+ 6 .6+* 0/0 , 6+ - .4 40/6 . - 67+.*18 *,040 0<+206 ' - " 60 .+" ,1
3+ .4 E04.*+ - - " 6.:0 .6 06 50 .2 0*6 . - A1.** 8 (21 1: . 7 61571 1
V , 1 4+,02.6+ 8 .66 2+60 5. 60 - ." . + - ,15 . + . ,+ - (6.* ".1V%. *1: 1
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5160 6.60 - *0/0 , 6+ 7.2+0 .6] 6 1: . - :0 +8 +6 ,. 6 8 "1,+ - 40" 90 06 5 .0
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,+*4+ - 4 ".6+8 4 9 51 0*6< *0, 5 1 *403+ 43+. - 50 ,+" 0/ 01 - " 6 . 61 - 0*6 8
- - *0 06 9 ,+ .4 5 15+9*. ,+". * - 0 4 03. 504.*6 .:0 20 .6 1 * 6 6+6. 3+ 2+8
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,040 0 :0"",*6 ' 0,+*418 0/ * 4 8 0/ 9+1 *+ - 0 1 ,1* + 90*60 8 ,1* 5 ,.6 ' +"60 +8
5 1,04+*6 ' 3+14 +6 1 3+0 *+ - 0 1 +50 . 0*6 ' 0 + 03+0 *"0,+6 ' .4 60 6 185 16 . 6 '
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. - * + - ',1* "+/+ ' 5.60*6 2+8,. - 5 8 ' 06 , 02 8 ,1"" 2+8 0* 60 ' . "+ 90*6 2+8 ,' 0B
3+0*60 <+* 50 1 :0 6 6 8 ' 3+ ' .' &1 1*0, .' + 3+0 ' *1* 0,+8 ., ' ' 40 *4+ 6 .' ,1 6 '
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*+ - 0 1 09 0 0/ ' ".5 40 0/ 6 + 6.' 01 "1,1 : +*6+ ' . - 2 6+ :0"+6 ', ,+ - 4.6+ ' %A 28
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- 0 4 0 - ' 06 h 0" ,. - ' 50 6.6 ' S0 0 - *1: . - ' ."60 . - ' 1 - .*61: . - ' 60 6 . - ' - 0 '
4 . - ' 4 6. - ' *1* .4 . ,0 - ' 04 + 20 - ' 5 . - ',+<+8 3+." ' + - 2 " ,+ - ' 60*06 ' .550"". '
6 1*0 0".6.' (0560*6 1*."0 ".6+8 1 - * + - ' "1*9 " - + - ' .4 : ' 5." + - ', 1 - + 1
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+*4 3+0 , *9 6+ ' < 3+.0 ,+ - ' *1* 6.' .03+." ' 5.6 1 4 - 0* .' - +6+1 0 5 16090 0*6 ' 0/
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,+ - (+406 2+8 60 - ' * 3+ 2+8 714 0 ?%1 5.6+ - ' 0 6 ' 06 ,+ - ' E0 - - 8 :1*0* '
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,,,///: ' A .2 "0/.*4 .'A. 1 ".' " 1 0/ 1*3 - .,7 6 50 7.*4 - +"61 51 6 * " '
20 6.60 - ' ."0 6. - ' 3+ ' 5 1 04+8 .' .66 ' %.6. 1 . - ' 5 *, 50 ' +50 .6 8 :1* 8 ,/
5.41 + 20 - ' 0,05 6 ' .2 01 60 - 51 0 "1 0*60 - ' + "0 ' 06 0*.6+8 . - 5" 6+4 *0 15 - " '
3+0 "09 2+8 60 - 50 .6. - ' ".60 4 6 1*0 - ' +. - ' 5. 0 < 3+ 550 .4 3+. .' - .9* ' +R ' 06
821 ,+ - ' 01 + - 3+0 60 61 + - ' 50 6 *, 06 ' 3+.8 5 1: *, .8 50 ' $.".6 *18 0*.6+8
0902.6 ' ' +* :0 8:0 1 - .9 6 .6 2+85 *450 - * 6.,+ - 5160 6.60 5 .0 + " 0 ' 3+0 *
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' N 6 % ,$,') R ' ? ' / ' 5 ' U ' -$ ' 1 ' * ' ' % $ ' 1 " ' ' * .' ' 4 ' '

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*1:1 06 *.+4 61 .5+4 ." 18 * 6 6+61 , +"" ., .+6 " 67+.* .,4+421850602.*6 ,
0* - % - 1670+ - . 67+.* 8 51 63+. - ., 8 7 6 .* 8 * 6 .6 8 * 6 .**1 ' #
& , / : ., " + - 0<+8 .: 40 - .,,05 "0 '4, * .2 "9, 41 " + - 0 +8 3+
., 1 A.:., 1 .2"+6+8 *4 0.8 4 6+8 0 6 40 *40 ,+ - + " .0 4+, 2+8 1*:0* 0 " 6
01 + - - .<0 6.60 - ,0 6 8 ,1*4 6 1 2+8 ,1"0 0*6 '5 *, 50 3+0 3+ 0,+*4+ - 5.6 .8
A,9,8 - 50 . 0*6 4, *,,58 .,,05 "0 6.*40 - .**1 : - ""0 - 1 / : . 1
A1.** 8 3+ 6+*, 09*.2.6 5.6 0 " 20 6.60 5 1 +8 51" .6+ - < 3+1 ""0 $ 0 ,1:". -
S." J,2 4 0 / - .0 ., 1 :0* 6 ,+ * 0 20*0 90 6.0 - 0 - 1 . - 51 60. 60 *
5"+ - ,1* 0, .: 6 06 .4 60 - 5". 5 - . . 40 ,0*40*8 50 05 ,15+ - # 1"+ - 0* 0 -
+ 2, - ,.56. - 5 1*+*, .: 6 0. - 3+0 4 5+ 6 0*.6+ *1 - *0 - - .<1 , - 3+0 *12 "
6.6 8 5. 60 - * : *,+". ,1*<0, 6 06 - - " 8 *1: 8 ,1"1* 8 * 1 ,1: . - 0,+ -
.24+/ 6 , 5 .00 .6 . " +8 06 .6 8 0 +8 $06 .4)". - " +* 0* 1" - . ,?
.4,: " 1 ,., " +8 A1.**08 (+ , 0 2 (+ 4." 0* 6+ - 4+,+ - . - . 1 +*4 L
*4 0.8 60 - 1 1 0 * +8 06 $"0 ,5: +8 3+"6+ - <* + 20 : / . 504 6+ - 8
,1**+ - 0 .6 8 3+ 0/ 155 4.* 8 - " 6. 0 8 150 .8 *60 - " 608 12 2.*6 * [illegible] + 2.*.0
- +"6 6+4 * 8 616 40 - 71 - *+ - ,.5 6. 0 .*6 S1 ., 06 4.,0 ! U ,. 6 1 150 . -
+. - .44 /0 .*6 < 3+ 0/ * 6 6+61 - 6 .0 +.0 50 .9 18 5.".*60 8 0/, 5 02.*6 5 .0
4 3+0 .90*4 8 * 4 .8 51*02.*6 3+18 6. - 0* (+ 0 +851*: : 1 0/2,,. 1*0 * + 20 -
.,,05618 *6 . - 10* . ,1*6 *+ 6 8 ,19* 6 8 06 "1,1 4 " 90*60 "+ 6 .61 6.*6. -
+ 20 - 515+" 8 03 0*6, - 616 - " 6+ - *+ - 0 1 06 6.*6. .55. .6+8 2,"" , : -
* 6. - .99 04 - - 0*".0 7.1" 8 15+8 - 0 61 : + - 0 6< .401 +6 ,1*.6+8 5 - 0 510
* 6+0 6 06 40 155+9*.6 1*0 .+6 1:19. 4 . - .+6 .4 ." .5 1/ - . ,. 60"". 6 .*8 0
0*4. ,19 6.6+ - +0 6 (04 3+ . .4 . - . - 3+.0 40 0/504 6 1*0 $"0 ,1: ,* 6 5. "R
+0 .6 .63+0 .4,1 09 8 0/ 6 * .6 1*0 - 50 6 *02.6 *0 .*9 4 ,+"6.6 2+8 .+6 1
6+*.0 +.0 ., - " 6+ - : 6+6 4 40 0 : 40 06+ * 5;151 661 50 03+0*4.0 155+9
.6 1 8 50 - .* + - 0 6 06 .2 1 0*6." ".60 0 12 4 1 * 6 6+6. 3+1 "1,1 0/ 8 0
0,7. 6 .* - 1 ,. 6 . - 06.6+8 0 6 3+14 .2 0. 5. 60 03+0*608 ,1"R8 . "+ 90*608 .
61 - 0*61 + - 2+8 1*60 - 6+6. 0*6+ 06 .*9+"+8 * 3+0 * + 28 - + 8 . 5. 60 " .
,1 2.6 - .<1 0 - 0 20*0 90 0*4.0 .,+"6.60 - 4. 0 : 40 06+% 140 - 60 - 51 0 J.
0*820R +8 ,15 .8 3: .8 5 1 - 0 .6 .44+/ 6 04 5.+, 0 .*6 0/ 8 0 0 3+ *
,"9 1 "+ " 6.:0 .*6 06 3+ . +20,0* 08 5. + - 0,1 - 0 8/*40"04+ ,1*,040*41 :0
. (+0,1 50 +. :0 1 0 1 0* 1*0 - :0 6 5 .0 6 60 .*6 0" 3+ 6 1*08 .56 -
0 56 :0*0 .*6 06 4+,0 . 671"1 - .01 +4"0 1 ,15 .0 . E167. 414+,0 +
".*4 .0 - ".0 06 :1"+*6. 3+ 4. - 0/ ? 1 + " . 3+ 40 - J.2 .*1 " 1*.:1 3+
51 60. .+/ " . 0 - 0/0 , 6+ - * E."" . - .44+/ 6 0/ G+.4 8 Z 040 1 4+, 2)8 $.*
1 .4 ".0:. - <+/6. h 0" ,. - 67+.* * +50 1 0 5. 60 .4 V $1 ,1: 0* 0 - : . -
,1* 040 +*6 04 1 *60 718 5.6 1 $1"1* 6 5"", ,. 1) - 1 4 *0 , ,+ - <041
.2 +6 .3+0 : " ., ".20*6 8 - . 9 *0 ,. 6 . - +* :0 +*6 E0 - .* 8 3+14 *60 +6 1
3+0 0" *3+02.6+ 5.6 .66 2+6+ - (+2 4 60 - 5+8 .2 - + .60 "09.6+8 9 .: 8
.06.60 71 - 1 * ,. 6 . :0* 6 0/ 0. 1,,."61*0 0+"0608 7 0 0 +8 3+ *1: 6 - 0
%.6. 8$ .0,15 0* 2+8 - 50 6. .6 5"+ 0 8 " 20 18 0" 3+0 .6 0/ 3+ 2+8 .71 - 0608
3+ *+*, .5+4 ""18 06+ * 516R+ 0 ,,0 " 6 *03+0 - 06+ .* - 0 ,1 4 . *,0
6+ - 0, 6 3+14 *60 2. 2. 18 0,+ 6.6 8 ,.+ . + + 5. 1"06 +6 ,060 5 *, 5+ -
" 20 0 - 04 1 61"".*6+ 6.3+0 6.6 0 - 1 240"0 - - .9* .* - 06 - .9 .0 *60
+18 15 * 1* 8 : + - *1* 2"+ - *1* *60 0, 6 04 E."9. - 8 0 6 +5 0 - +8 *60
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% $? N + % + U !
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% 5 ' 7 0 . +* 140 ""61 +8 0 GG*+8. * ' * [illegible] 1 60
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3 '= '# ' 'X&'' ' ' ! '' 2)

' # ') " +5 .'4 / - +(@ ,1*<4 .6 1. ,'5+ 5. .65 + . 6 60 ,X 1 ' *' ." -
."60 - - ' .6 0 - 'W2 . Z 6 0* - 3 . 0 0' +,,0 4* 8 2 ' *60 '7 . 0 , ' . 4+"61
<. - ' 1' (S6 A ' 3+0 - ' .6 0'X . ,4) 902.6 ' *' .50 1' 0" *?
/<+0 0' ,+50606 ' ,<0 1' .6 0 '<G49 . - '4 / 6' ' :0 63 0' *0' *<+ .'7 . ,' ." 8' 0+ - ' (. '
"1 - 060'<+* 1;0' .6 4' 6.6+8,146 .' 0' .4'5 . <, 4 ' , +40" 6.60 - '3+. -
7. 60*+8'0/21 .0 .6' *0, , 6.60' .44.4+8' 0 6'8' 403+0' .6 2+8' 0' - 04 1'61""0*4 8' ,1 '
9 6. 0' ,105 6' 6< ,+2 . 06*'6d 6 " '5 1 +*6'< 06' ,+ - '4 +0/ .9 6.6 * * 2+8'
G20 . ",*6'0/' 5 .04 8' 2 *0' *40' .2. " 8' : 46 6.*608' .' S1 . , 8 0/ ,056' .4' ,7 .0"0 - '
? h ^ i : ,0 + - ' 0* 0 - 5 .0 04 0' .44+4 +0 .*6'3+ '018' *' .4:0*6+ - ' 09 8'
0 - '<+ " 8' 0 .6' 0 : .2.6' 18' 0/' 1040 0' 6.*3+. - ' 50 +9.8' 051 0 6+ +8' :0*0 .6'
%* , ,*8' 09.6+8' 0 - ' 0 51* - '3+ .'*1*4+ - ' 0/'018' : 4 "%06' +2' *' X * . - ' 0'
4 06' , .+ .'1 * 6. ' +14' .03+ +8'0 06' .46+ + - ' 6.'4 * +8' R9.6+8'< 3+. - '50 '
080 , 6+ - d' 0' *' . 40*' * 6 +4" 8' 2 3+0' ,15 8'6 .4+4+8' 0 6' G+.0'1 - * .' *60*48'
06' . : 4 8' 4,+ 8'04* , * 8' 2. 2. 6 ('06' 03+ 6+ - '1 *.6+ - ' 03+1 - - 3+0' 5 .0 6.*6 . - '
06' - :0 6'6/0 , 6+8' 5, , 0 - ' .4 - .6+8' J . ,0 06 0+8' *3+ 6' +6 6 5 *, 508&' 090 - '
. ,' - 50 .61 0 - J+* - '40 9*.*8' ,1*<+*4 ' *60 ' 0.* - 8' 0 "0*6' *0' 1 2 83+ 40 - '60 '
. + - '/ 6 ,48' 00*+ - '5. ' .4' 0 60' 1 06' *40' 5 19 0 8' .4' "1,+ - ' , . 6 8' , . '
5 0*4+6.J.**1* 8'0 56 1*,' .5 .0 64 . 8' .4. '06' - 1/' *6 .' 20 - ' ,1 - 5+" 68' 00 '
6.6+ - ' ^ *40' : .""+ *'5.**1* ' ,1*6 .'$1 ,71: 0* 0 - '6+ - '<+/6.' "+: + - ' h 0 '
" , . - '*0 ,' **91 ' ' $1"1* ' .4' ,'(+ * 0* 0*' 6 40 - '6+ - '5 1 - 1:0*6
41"""8' / - *0 85 +8' "1, 8' 43*, 8'<+ 63' *60 : . " 1' 6.6+6 8' 3+14' 0/ 9+.'<.4+ .06' +* +8'
.*6+ - '$, . 'S0.4 ' *< *< ; 6+60'<+:0* 8' - 2 60' ,1* 26 6' (0,+*4+ - '7.0,' :0 20 '
.*6+ ' - * '0/'5 * + ' '4 '$.**1*"2' .2'01 + - '5. 60' , 6 +8' - + - 8' .5, 6 8'
,"%06'< . - 5060' ,2*.2.*6+ ' 04' (. - 1 , 1' ,0* 0*60' + 6 *0*4 . - ' 155+9*.6 1*, - '
4+ *'0'$1"2*1 + - '3+53+0 - +* 6 1* 2+ ' .4 6+8' ** * - - '5.6, 0 06' ." 3+.*4 +'4 '
20 .6+ - '<6.*40 - X 0 ' ,+ - ' 0*60*6 .* '4 + +0' 4. - '6+0 06+ ' *0' - 1 .' *60 51 .'
5.6 + - ' + ' *+* ,74 ' 1 ."340'*5: .822< , 0*4"22 ""' 6' +6' 15
5+9*.41'60*6. 06+ ' 9 6+ '(. ' .4' * +* 6 1*08'5 5 042+8' $1"1* 8' E, - .*2D' .4
<6 - 9 6' $.**1* 8 16*,* ".'5 .00 .6' E0 6. .* ' .*60' ." 18' 0' 01 3+,'$1"5* ' 03+

- " 60 ' +'5 - +8' 5 19 0" 4' .4 6.66# .2'25 60' 406+ 2.61 ' ,06, ' .66
9+ 6 1 0 - ' .2 . - ' .6'3+. 4'* 5 5 " " 0 * '50 + - 50 0' ,1* 0 6' .4' 1 6.'
6, +*6' 451"1* ' 5E+*.'*42 * 0' 6' 50 ' - 04 18'50*06 .*6'4 '71 6"2+8
6+) 9*0.'12<04.'40<04 8' *'6* ' 5 6' *.9*5'".21R' 0: .4+*6'5 *, 5, 3+0 h '
2 .*1: +8' . ,' (*0+8' * ' + * - .'6+ ' 96 ' 40 - ' .'$.**1* 8' 69*1' .< 090
3+ '0/' ."60 .' 5.'0;0*6+ - '55506 02.** ' . ,,0561 ' 04+ - '<' 9* .3+0' .'%71 - .' 60 40*$'
06' .667 .'S060R0 62'" ' + - *2 6/ .' ' 05 + - 3+0' .0 - +".6R#*0' E 0 02 8'03+ '
60 - ' ,+ '5 .00 .6' 6, ** '6 - 20 - ' 26+ *' A. . 34 52 0 ' +18' .'5615 . ,+" 8'
5+" 18' 69* .'4 ;06H ' 046*0*608 ')9.*' , ,+ - 54 ". 4' ,1050*Z6' ,+ +
9' (66 , 1'5. * ' 03+G "7+ 5', 62+' 06' 58'5 0, S' * .7+8 ' .4
* , 01 4 . - '4 - 55 66X8'72 6*60 ' * 0*05 ,154' - 2' , ,+ -
90 6.*60 ' 4+ - ' .4' 5 "< 8' *6 * '12<04.8' $5<5*9*.61 4 +"* ' 0/'5.
;1 0' .* - 8' 4+*6 - '5 - 53+0 806'6, ' 06'5+":0 0 -
6+ ' +2 , , 0,1050 4*2' ! 6 0 - $5 2 ^ , 4*5
5+9*. ,+"1'6 .*"; , ". 4 555061 + *50 ' "0 0, 50 ,
,1.4 ' +*6' 3 2+8' 0440*6 2+ 5 ".*2 *' '3+ ' - +* 6 1*08
12<04.8' +50 . '51" ,'4 H,6.*608 4*5.' 1662 5*' ;0 6H 1' - .*" 0*
" (*

'%' ' '$' ' ?@ A+ . ' 3B 2 ! ' U . ' - > C, . +%' ?@3 . ' ?

ˢ #ˢ V]

<. .3+0ˢ*1/ˢ - - *0 06ˢ51 6 0 .1ˢ 0ˢ 0,050* - 6ˢ + 8ˢ5 +8 3+ˢ, .0 ˢ0 .*6ˢ +2".6 8ˢ 0ˢ G ˢ Nˢ
)40 .6ˢ01ˢ4 0ˢ0/ˢ *12 " 6.60ˢ$1"1*<, .ˢ. - 5" +8ˢ Q0/ˢ$.**1* 8ˢ616 40 - ˢ06ˢ *ˢ 8ˢ 5 1ˢ ' # ˢ" 6ˢ
E.2 0"0ˢ 0R0" 1ˢ /ˢ 1 , 8ˢ06ˢ - +"6ˢ1, , "ˢ'06ˢ *ˢ 8ˢ R ˢE , . +8ˢS2 . ,1 + - ˢ4+ 61
.,ˢ ,".40ˢ . , ,056. ˢ+6ˢ - 6ˢ 0 40*4 ˢ 0ˢ0/ˢ, . ˢ.4:0 2ˢ 5.6 + - ˢ4. ,6#(. - 1 , +8
E01 9 + - ˢ2ˢ * , + - ˢ,ˢ(.*1,0* 0 - ˢ5 .0 04+ - ˢe +ˢ *6090 ˢ.4 +,ˢ0 .6ˢ,+ - ˢ + 8ˢ0/ ˢ
0+2 .8ˢ12 0ˢ<+2,6ˢ *40ˢ - 66+*6+ ˢ 3+ ˢ - " 60 - ˢ06ˢ 1 - 0*6. + - ˢ5+":0 0 - ˢ+*4 3+0ˢ
,1*3+ .*6ˢ 3+14ˢ *60 , ,56 8ˢ" 60 8ˢ12 0 "28ˢ, . +ˢ,1*,+"%18ˢ0 0ˢ.55. 0 06ˢ06ˢ - 141ˢ *ˢ
12 4 1*0ˢ7.0 0 0*6ˢ"1, ˢ516 + *4 ˢ 508ˢ0 06ˢ *60 - ˢ,1* +"6+ - ˢ: - ˢ +6ˢ, . 60"".ˢ
, , .ˢ+ 20 - ˢ.4ˢ - 504 0*4. - ˢ,1 - - 0.6+8ˢ - 51 6.6 1*0 - ˢ - + * .*6+ ˢ,+* ,+""8ˢ06 . - ˢ
"08ˢ .4. ˢ 04ˢ 0/ 9+1ˢ 5 1 04+ ˢ 6ˢ3+ .ˢ .+/ " .ˢ 50 ˢˢ4$0"2. - ˢ06ˢ *40ˢ50 ˢ h 0" , . - ˢ
&0*6+ .ˢ*+*, .6+ - ˢ0 06ˢ(. - 1 , +8ˢ *.: 2+8ˢ,1*3+ 6 8ˢ,1*6 *+.8ˢ. 21 08ˢ+7, 8ˢ 0 ˢ
<08ˢ *ˢ" *9+".8ˢ - 5.4 8ˢ 50 ˢ01 3+0ˢ, .60* 8ˢ6 .* - "" 8ˢ0.ˢ 3+.ˢ, .6ˢ "+ - 0*ˢ".6 6+4 *0ˢ
,1**04 6 ." .8 60 - ˢ.ˢ +50 1 0 "+ - * 8ˢ5. 60ˢ 3+.ˢ:0*6+ +8ˢ 71 6 8ˢ0 .6ˢ 0,+*4+ - ˢ
.4:0 . - ˢ 5. - ˢ."" 9.6ˢ< 6.ˢ+6ˢ ,+ - ˢ71 " "08ˢ *.:08ˢ6 .* - " 0*6ˢ 09 0" +ˢ.2ˢ0.ˢ5. 60ˢ
*60 ,"+40 0*6+ ˢ ." .8ˢ51 6 0 - 1ˢ.2ˢ * 0 1 ˢ5. 60ˢ+ 20 - ˢ:0 +8ˢ 12< 0 6ˢ +6ˢ ,+ - ˢ *ˢ
,+ - ˢ"1,+ - ˢ50 :0* 0*6ˢ 06 6 8ˢ+6 *3+0ˢ*.: 2+8ˢ *ˢ*+"". - ˢ5. 60 - ˢ0"J+9 + - ˢ5.60 06?
6.ˢE0 - .*0ˢ*.: 2+8ˢ - 51" 6 ˢ +* :0 .03+0ˢ 0ˢ5 .0 , 6+ U& 1:0, +8ˢ 0,ˢ +, ,4 +ˢ
08ˢ, . + 6ˢ . - ˢ,+ - ˢ71 608ˢ "0*6ˢ*140ˢ50 ˢh 0"R. - ˢ +2 0*6ˢ *ˢ * 4 .8ˢ5 .0, 5 ˢ
6. +*6ˢˢ : /3+0ˢ51""5 - + - ˢ - 506+ - ˢ *ˢ60 . - ˢ 0ˢ0< , +*6ˢ +2 ˢ5.".*608ˢ0/ ,056 06ˢ
."20 ,0*6, <. - ˢ4 0ˢ , .56 ˢ .,ˢ ,3ˢ, , 606ˢ ˢ 1< , ˢ90*0 8ˢ *ˢ , . 6 .ˢ .44+4"ˢ +*6
" +4ˢ06ˢ .ˢ(ˢ%1 5.61ˢ - "+ - ˢ +2" 4 + - ˢ3+14ˢ - .6+ 0ˢ.*603+. - ˢ *ˢE0 * .*18ˢ *, ˢ
4 0 ˢ 0ˢ 0,05 6ˢˢ ,1".+8ˢ2ˢ 1 61;+8ˢ." +4ˢ06ˢ60 .ˢ *ˢ+ 20 - ˢ *6 14+,0*4+ - ˢ + 00ˢ
50 .6ˢ< 3+0ˢ50 ˢ.: .ˢ06ˢ 1" 6. .8ˢ ;":.8ˢ *,040*8 6+ 8ˢ50 ˢ*140 - ˢ4 ".5 8ˢ3+ˢ40ˢ *60 ˢ
,0561ˢ5 1 0ˢ +2"64 1ˢ *60" 0/0 .*6ˢ 70 2 8ˢ50 ˢ." 3+16ˢ21 .8ˢ02*604+8ˢ".6+ 6ˢ6.*40 - ˢ
. 67+.* 8ˢ.* - .4:0 +8ˢ<+/6.ˢlˢ (+.6121 0* 0 - ˢ; . - ˢ ,+ˢ *12 " - + - ˢ ,10*12 + - ˢ
- - *06ˢ +2ˢ4 0ˢ, 05+ ,+"+ - ˢ, .56+8ˢ0 6 .* 0"ˢ 60*1: +8ˢ3+ˢ5 - + - ˢ.9 - 0*ˢ4+ ˢ
,02.6ˢ0: 6.6 8ˢ 8ˢ"1, 8ˢ *ˢ3+ 2+8ˢ 9*08ˢ,0 *02.*6+ ˢ *ˢ+ 20 - ˢ,+ - ˢ5.+, 8ˢ0:."6ˢ .4 ˢ
,65.+"1ˢ51"", 3+ 4+,0*60%70141 1ˢ"K:" ,0441;4 *,0402.*6ˢˢ06, .56 , 460 ˢ6/
ˢ 5 ˢ (605" . +8ˢ .4ˢVˢ$"0 ,1: .*4ˢ .*/ .ˢ ,+ .ˢ4 6 *0 06+ ˢ*1*ˢ - *+8ˢ.* - ˢ
12ˢ(+0,1 + - ˢ *ˢ :3* .ˢ +, ,0 +8ˢ4 , +442.6 * ˢ A1.**08ˢ(+0, .0 0/ ˢ3+.*6+ - : 8ˢ
.2ˢ01ˢ - 1* 6+8ˢ+6ˢ.ˢ :1* . 3+.0ˢ<+ 8ˢ$1"1* , ˢ0 06ˢ.2 6 *0 06 *,3+0ˢ0/ˢ."0*.ˢ; 41 .ˢ
+. - ˢ5 .04. - ˢ . ,0 06ˢ0/0 , 6+ - ˢ *ˢ :1* . - ˢ6* 0 .6ˢ $ - 0ˢ# h 0 0*20 9.ˢ, .56.
:1* .0ˢ21 0." 8ˢ155 4+ - ˢ (+00 8ˢ50 ˢ9".40 *ˢ$ 7".*4 4ˢ - . 8ˢ *,040*6 2+8ˢ 6ˢ. /ˢ
.ˢ + 8ˢ: 6. - ˢ06ˢ 08ˢ3+.8ˢ."51 6. 0ˢ51 0*6ˢ .":.8ˢ5.4 8ˢ404 6.ˢ :ˢ 1*ˢ . 6ˢ G+1B
+ - ˢ0/, - 5"+ - ˢ 0,+6ˢ3+ ˢD %1 02+ 9+ - ˢ60*02.* ˢ ˢ.ˢh 0 0*20 9.ˢ - "" . 2+, ˢ
3+.6 4+1ˢ51""404 6 1*0 - ˢ 0,0 0ˢ 0,056.ˢ06ˢ40ˢ + ˢ8ˢ ˢh ,7 . ˢ4+,0ˢ . 1"1ˢ 0* , ˢ
" 1ˢ< 3+.0ˢ 09 1ˢ/ ˢ - "" . 2+8ˢ *ˢ"1*9 6+4 *0 - ˢ ˢ *ˢ".6 6+4 *0 - ˢ5.606ˢ ˢ 14.ˢ06ˢ
. /ˢ - +* 6 " - .ˢ: /ˢ3) .6 4++ - ˢ12"0 ".ˢ ,0"0 +8ˢ55 * 1*0ˢ.ˢ(+048ˢ *ˢ5560 6.60 - ˢ 0ˢ
4 .4.ˢ0 6ˢ / ˢS."ˢ(0/6 "ˢ 2.+4ˢ, 6 .ˢ 15 * 5*0 - ˢ056 +56ˢ5 .0 04 ˢ 3+ ˢ.2ˢ01ˢ60 - 51 0ˢ
(+00 8ˢ -) 6.: 6ˢ $1 60.ˢ h ,70".0ˢ. , 8ˢ5 .0 4 . ˢ"1,1ˢ 0" 41ˢ06ˢ *,0* 1ˢ . *1 ˢ
: . ˢ 0ˢ 0, 5 +*6ˢ *40ˢ(+0, ˢ2ˢ 0.". - ˢ5 19 04 +*6+ ˢ3+. - ˢ, .*40*6 2+8ˢ *<04"8ˢ *ˢ
51 6. - ˢ9"12 8ˢ, .5 +*6ˢ06. ,0 - 404 6 1*0ˢ + ˢ<+ 8 . , +*6 ˢ G+ ˢlˢ .2 0 0* 0 - ˢ. ,0 - ˢ
1 0 ˢ60*02.*6ˢ ,+ - ˢ 0ˢ * 6 1ˢ9*.; 60 ˢ40 0*4 %0*6ˢ5"0 3+0ˢ0ˢ(+00 8ˢ1, , 8ˢ .4ˢ0/B
6 0 - + - ˢ 5+" .61ˢ: 1"0*6.ˢ:0 20 . 5*0ˢ"1,1 ˢ06ˢ1 - * ˢ.+/ " 1 + - ˢ 50ˢ5 .04 . ˢ;ˢ 4
G+ *6 "ˢ0+ - ˢ404 *6ˢ $1 60.ˢ . &. - ˢ4+4+8ˢ0/0 0 6+8ˢ4. ,0ˢ $1*6 1E. 4 1ˢ E55 ˢ
4+ - ˢ0 6ˢ.4ˢh ," , . - ˢ 6+ - ˢ3+ ˢ51 63+. - ˢ *ˢ$0"2. - ˢ". ,+ - ˢ * "+ 6ˢ *40ˢ09 0 +8ˢ . :.ˢ
4 4+8ˢ + *40ˢ06ˢ 155 41ˢ *1 - 0* ˢ / / /ˢ4 0 60 ˢ * . 5." ++ *ˢ, ˢ *ˢ - . 0ˢ0/1*0 .6+
ˢ ˢ 6.*61

ˢ%ˢ ˢ ˢ$ˢ ˢ# 0 ˢ ' ˢ ˢ ˢ+ 5ˢ ˢ' ˢ OD .0$ˢ lˢ 6 #ˢ % $
ˢ ˢ ˢ Uˢ2 + ' ˢ -& 6 ˢ ˢ ˢ % $ /
ˢ _ 33 ˢ 5 ˢ _ / /$ f5 ˢ 2B ˢ 4 $ˢ ˢ ˢ, *ˢ]

A ʿ) E ʿ %

ʿ6.*61ʿ.":01ʿ+6ʿ 50ʿ0+-ʿ -./ -.,ʿ1*, .0ʿ*.:08ʿ.4ʿ+ 20-ʿ,1- -140ʿ.550"".*6
ʿ0.040-3+0ʿ.4:0 1ʿ "+- *0ʿ$"0 ,1: .-ʿ+"3+,ʿ 51 *6ʿ* "0ʿ +5 .$0"2.-ʿ$"0 ,1ʿ
: .-ʿ:0 +8ʿ ʿ, , 60ʿ,+2 618ʿ."6.0ʿ,.6. .4.0ʿ,+ +-ʿ0. +-ʿ*60 , 50 0*6ʿ ? . :.0ʿ
:1* ,.0ʿ0/ʿ.4:0 1ʿ." .-ʿ2":.*19 14+ 66ʿ40ʿ +1ʿ*1- *0ʿ.550"".6.-ʿ *ʿ+"6, 1 ,ʿ 5.ʿ
0/, 6.: 6ʿA1.**08ʿ 1",+8ʿ6. *ʿ5 15 *3+1ʿ.2ʿ."60 .ʿH.6 1ʿ+6ʿ51*60ʿ+6 .3+0ʿ,1* +*9ʿ
.2ʿ."60 aʿ *ʿ."60 +-ʿ"1,+-ʿ60"+-ʿ.4 9ʿ51 "06ʿ /ʿ0.ʿ5 19 0 +8ʿ,+-ʿ."60 .- ,05 "06ʿ
*ʿ0.ʿE0 -.*1 +-ʿ06ʿ+"6 .-. *. +-ʿ.,ʿ." . +-ʿ1,, 40*6."+-ʿ*.6 1*+*ʿ0-51 +-ʿ
,1""1,.:0 .6ʿ,+-ʿ -0 ,08ʿ.*60.ʿ4+-ʿ . :.ʿ * :1*1 +-ʿ03+ 6+-ʿ5160 6.60ʿ0 06ʿ
%1 5.6+-ʿ40 0 0*6+ ʿ <+8ʿ5 .0 4ʿ*.<1 0-ʿ5. 60-ʿ+6ʿ06%1 5.6ʿ.4$"0 ,1: .666ʿ
,+ʿ-.9 8ʿ-06+02.6ʿ 0:1,.:0 .6ʿ 1 ,+8ʿ6.3+0ʿ0/ 9+1ʿ*0916 1ʿ . :.ʿ, 60 1ʿ,.5 6+ʿ
*3+. -61 -0*6.ʿ+"60 1 85 .0 4 . 6 .* 6+"0 .*68ʿ3+ 2+8ʿ40 6 6+6ʿ"" ʿ,+-ʿ(+04ʿ
<.-ʿ, 60 1 0ʿ,.56.ʿ *ʿ+"60 1 0-ʿ6 .* ,0*40 0*6ʿ4+,0ʿ 0 1*; -1ʿ5 .9*1"1ʿ3+ʿ
,+-ʿ." 3+1 "6."1 .-ʿ-.*+ʿA1.**ʿ(+001ʿ- 6.2.6ʿ6.6 -ʿ404 6 1*0-ʿ0,0 +*6ʿ .ʿ
4,-ʿ5 .0"64 . 1 +-ʿ,1* 60-.6 1*0I A.-1 14+-06 151 .: , *.,. 60"".ʿ *ʿ51ʿ
60 6.60-ʿ0<+8ʿ:0*0 0ʿ *ʿ5,* 6 1 0ʿ5 1: *4.ʿ50ʿ. ,08ʿ3+.0ʿ.ʿ 1 , 8ʿ60*02.*6+ ʿ. -.ʿ
, , - 0 0*6 2+8ʿU h 0 0* 60* +-ʿ,. 6 +6 ʿ." 13.ʿ*.6+ .ʿ06ʿ150 0ʿ -+* 6 " -+-ʿ *ʿ
404 6 1*0-ʿ.,,056+-ʿ 5/ʿ06ʿ,. " .ʿ.4ʿ ʿ$. *1: .-ʿ.4-16.ʿ + 5 , 8ʿ(6057.*ʿ01ʿ
ſ40-ʿ60-51 0ʿ 0,056.ʿ5"0 .3+0ʿ"1,.ʿ. -.9*14+,08S 0-50 +-06$.2 .*+-ʿ +2ʿ
6. 1ʿ150 0ʿ -+* 6+-ʿ.ʿ *9 1ʿU$,70" +-ʿ.ʿ%71-.ʿ -24.*1ʿʿ(." + .ʿ,.56+-ʿʿ.ʿ
ʿ 0 *2 * 1ʿʿ 0*1:. 4+-ʿ06ʿ ,7, 16+-ʿ3+.0ʿ+6 .3+0ʿ +*.0ʿ "+: ʿ 5.,ʿ - - *0ʿ
2.*6ʿ504 6.6+ʿ.ʿ 90* 2+8ʿ3+ 2+8ʿ9".: 8ʿ71 6 " 8ʿ5 .0" 4 ʿ: , * 6.8ʿ0 .6ʿ.,,0561ʿ06ʿ
(,161- " 60ʿ3+ʿ *ʿ,. 6 .ʿ 2.6ʿ 060*61ʿ0/5+9*.6.ʿ. 4-16 3+0ʿ.4* S1R0*7.+ +-ʿ
,. 6 8ʿ0140-ʿ: 61 .0ʿ,+ +ʿ"1,+-ʿ,.56+ +8ʿ, 0402.6+ ʿ 0,ʿ,, .2.6ʿ ,ʿ\ .4 : "ʿ
" +8ʿ ,+-ʿ$7 "1*0ʿS - 6.ʿ06ʿ%.6. 8ʿ4+,0ʿ . .2+ 4.ʿ *ʿ71 6 ,+-ʿ - 8ʿ3+ʿ+"6 .ʿ
1%1 150, .-ʿ5 19 0 "+8ʿ.4ʿʿ(."0 .-ʿ. -2 9+1ʿ * 6 1ʿ,0 6.- *0ʿ,1* " / 6ʿ 194.*1ʿ
9* , 1ʿ06ʿ -1/ʿE.2 0"0ʿ 1 +20,1*0ʿ 0-ʿ 1 6 60ʿ90 0*6 2+8ʿ %.*40-ʿ + ʿ
1 , ʿ* 03+0*6 2+8ʿ018ʿ.4ʿ/ , 5ʿ5. ++-ʿ 1"+2,,.* 8ʿ *40ʿ.4ʿ 0 1:.-ʿ*"3+0ʿ
50 9 6ʿ .4 : "" *8ʿ,. 6 "3+0ʿ.4ʿ5 h 1 9.-ʿ51 6 8ʿV ." -20,+-ʿ,+-ʿ%.6. 8ʿ3+18ʿ
50*08ʿ"0ʿ7.202.6ʿ :0 "+8ʿZʿ(6+ , .-ʿ3+1ʿA1.**08ʿ 5 0ʿ +""2 +-ʿ5 *,058ʿ0:0*6 -ʿ
$"4,1: .0ʿ1550 6+ +8ʿ:0*0 .6ʿ50ʿ "+-0*ʿ,1*60*40 0ʿ06ʿ515+".6 1* 2+8ʿ.,ʿ *,0*4 8ʿ
".60ʿ 5. 8ʿ$1"1* ,ʿ*1- * 8ʿ60 1 0-ʿ5. "<-ʿ, ,+- 0 0ʿ<+ "0 .6ʿ3+1 +-ʿ." 3+ʿ.4ʿ
,1-0, .-ʿ.ʿ 1"48ʿ *60 ,0560ʿ"+*6ʿ $1 60.ʿ .* 0"0ʿ + ".ʿ0/ʿ 8ʿ3+ʿ 1 ,ʿ-0*".0ʿ
- * 6 .*6ʿ.4 .4 : "" +-ʿ6 .*8 +9 0*60ʿ06ʿ40ʿ0/ 9+1ʿ71- *+-ʿ*+-0 1ʿ3+18ʿ5 *B
,058ʿ, ,.ʿ 0ʿ6+*,ʿ(6+ , .0ʿ7.202.6ʿ0+-ʿ041,0*60ʿ 8ʿ6. -0*ʿ: 2+8ʿ3+ 2+8ʿ5160*ʿ
6 -ʿ5 *, 5 8ʿ: 6.-ʿ.,ʿ ."+60-ʿ 056.-ʿ0 "0ʿ, 04ʿ40202.6ʿ - * -0ʿ 0ʿ5. 0-ʿ .6+8ʿ
+*. -ʿ *403+0ʿ? +24.-ʿ -.9*8ʿ 6 *0 8ʿ4 " ,+"6.6 2+8ʿ,1* " 4.6+8ʿ 0ʿ 0,,5 6ʿʿ
+ 6 .3+0ʿ *60ʿ0+*4+-ʿ60*6.6.%1 150, .ʿ3+.-ʿ,1-ʿ-0.6+8ʿ50*+ .ʿ".21 . 0ʿ." 1ʿ
*60""0/0 .6ʿʿ 70"-. -ʿ 0 6.ʿ06ʿ*40ʿʿ5 ,.-ʿ +" .-ʿ:0 +8ʿ,1*60*4 6ʿ $+9*.6+-ʿ
06ʿ.4ʿ 51,.-ʿ.ʿS1 ., 8ʿ3+ 8ʿ,1*6 . 1:19. 4 . .ʿ1551 618ʿ* 6 1ʿ12" 4 1* 8ʿ + ""0ʿ
4 / -+8ʿ /ʿ 8ʿ." 3+16ʿ.ʿ%.6. 8ʿ3+ʿ 1",1ʿ- " 6.2.*6ʿ *60 ,0560ʿ + "+8 .40ʿ
: "" 1ʿ *ʿ,. 6 .ʿ 04+,0ʿ 09 ʿ%.6. 0ʿ 1 1(ʿ 05 -+ 6ʿ06ʿ 2.6 *"4+-ʿ.63+0ʿ." 3+16ʿ
,,ʿ 1<. 4ʿ90*0 8ʿ,.5 +*6ʿ &
ʿ &ʿ ʿ$1 "0: *+8ʿ6+*,ʿ 1 01: .ʿ.4ʿ :0* 6< ʿ 1"4 -ʿ12 -.61ʿ
4ʿ.* -1ʿ0"0 4 46ʿ+6ʿ *+"".8ʿ,1*4 6 1*08 ʿ5 .060ʿ0.83+.8ʿ 451 16 .0ʿ5 151 +0 6ʿ
.4- 660 0ʿ :0" 6ʿ"0ʿ0* -ʿ<+4 ,. 0ʿ5 1560ʿ7 , - 8ʿ".,: 6 0-ʿ3+.0ʿ "" 8ʿ"1, 8ʿ *60*ʿ
-.ʿ0ʿ%0 1"06ʿ - " 60-ʿ*ʿ7;20 .ʿ-1/ʿ4 6 2+6+-ʿ <ʿ 090-ʿ5 +-ʿ+50 1 .-
L ʿ 60-51 +-
ʿ% ʿ$ ʿ ! 6 ʿ ʿ ʿ U'ʿ ʿ0 ' ʿ ʿ ʿ :R
ʿ4 ʿ N $ʿ > ʿ ʿ> 'F 6L ʿ : 4 ʿ /+ $ʿ ʿ ʿ $ ʿ 5 6 ʿ
' ʿ N . ' $ʿ 9ʿ ʿ" #6*ʿ b ʿ ʿ+ * ʿ /) $%ʿ B ' . ʿ ʿ" U ʿ
& ʿ, / B :,ʿ /A+ ʿ -LB, ʿ ʿ ' ʿ + ʿ" D ,ʿ ::/) $ ʿ) $
B = "4 ; <G" 5 6 .

6,6*51 + - ' ,1* +06+4 * ,' .4' ,1 - 6 .'120+*4.' *' 09*+ - ' 0:0 +* ' *60 - ' + 20 - ' '
12 4 1 0' ' - 06+' 1"+6+ - ' 4 0 ." . - 3+0' 3+. - : 8' 51 60.'5 16 *+8' 20"" ' + 6 *0*4' . ' ' # ' ,+8' '
6 1*0 - ' 050 6+ + - ' (04' ,1*6 .' 0/ '0/0 , 6+ - ' 0'5 +8' .2' + 20' - * - 0' 4051 6.6+ + - '
3+. - ' : ,"' 0.' 516 6+8' 0 06' : 0"' :1* .'+* :0 .' 1 ,+8' 0/ ,0 " "06' 06' 12 - .61' 0' .4'
, . - ' 0 - ' .* - 1' ,1*6 .'7 ;0 - 8' 06' 91 8' :0"' - 1 6 0 . - ' : - '50 4+ . - + - ' 1 60*40'
2.6' $1 0: *+8' ,+ - '7.0,' .+4 06' 60 - 5*8' 3+1' *' 1 ,1: . - ' , 20 06' 06' "09 .618' 40'
'5. ,0' - 66' 5060 06' ".9 6.: 6' 06' - 506 .: 6' " 60 "3+0' + 8' 3+ 4' 0 51* ' .' 090' 6+" "06'
06' 3+. - ' 50' +.' ."" 0 0*6+ ' 1 , ' - + 6 8' :0 2 8' 1 60*4 6< 1 ,+ - 3+0' +6' 0 1' .4'
5. ,0 - ' .* - + - ' .55" , . 06' *' 0. - 3+0' , - ' 09.618' .4'"1,+ - ' 3+' - - 14+8' 5 ' : 40'
06+ ' - 660 06' 71 6.6+ ' * . - ' .' 090' - 506 . "0' +6' ,+ - ' + 8' "09.6 8' 40' 5. ,0' .9'51
, ,056 8' $16 0: * ')60 8' 1 ,+8' ,1* 0 6 - '*+* , + - ' 0 - 66 6' ,+ - '6.20"". 1' +1' 06'
" 60 8' .4' $1 0: *+ - ' 3+ 2+(' #(.51" . - '5.9+ - ' / ,'5. "++ - ' ' .' $"0 ,1: . ' *' 4 5"1 '
- .6+ - ' + +8' 3+.0' 60' ., 0*6 2+8' *' 1 ,1: .'4. ' 1"0*6' ,1* 6 6+6+ - ' .4' ,1* :0*6+ - '
40"09 6' 013+0' 3+. - '5 - + *' "09.608' "0' - + + - ' 0, 5 6' 3+ 2+8' 5+2" , 8' " 60 8' , . :0 '
506 6' 1 ,+8' .' 090' . , , 5 6+ ' ' .4' 43+0' 40' 5+2" , .0' " 60 .0' - 66+*6+ ' 4+ - ' *60 - '
- "08' *' $"0 ,1: .0' 12" 4 1*0' 7.0 0*8' *9 +0*60' <. - '7 ;0 - 0' 91 8' *,1 - - 14 .?
6 2+8' : . 0' ,1* " 4. 06+ ' 0 ,'400 .*6' 3+ '14 1' 0/504 6 1* 8' ." 3+ 4' 40' :1* .' 0'
- 660*4+ - ' ,0* 0 0*6' +6' 5. /' 7.20 06+ ' 06' $1 0: *+ - ' +6' 5. 608' +.8' *60 51*0 06'
,90 - 3+0' .4' .03+ 1 08' ,1 4 6 1*08' *1 - *051*6 , 8 * "040 06 71 6. 0*6+ ' 63+ .'
0 02.6' 090 - ' 06' '(. - 1 0 + - ' *' 5 - 8' ,+<+8' ,1*") 1' 0 0' +602.6+ ' - . / .0' ." 0*18'
0 0' ,6 . - ' * 6.2.6' +6' 0* .61 08' ,1 . - ' $1 0: *1' 0*60*6 .8' 4 ,0 0*6' 3+14' - . / - 0'
090 - ' 5+5+9 6' 0' ,19' *4 9*0' +5 .3+. - ' 4 4' 5160 6' 0 0*60 - ' ' 5. 8' * +50' +'
- 1 2+8' 6.6+ .' 3+." ' ;1* . - ' *' +*9. 18' 06' .6 + - ' " 28' 4 : 40 0' *' .* - 1'
7.20 06' 06' 0/' 3+.' *+""+8' .4' 0 - 5+2 , . - ' +4+8' 50 :0*6+ +8' 0 "06' .4' 0. *' +2<+ '
9.*4. - ' : 6. - '06' ".*9+ *0 - ' $1"1*1 + - ' *' 4 0 - 0*' .44+,0 06' 8' - . / - 0' 0' 15'
51*02.6' (. .1 0 +8' 06' *12 " 6.60 - ' :1"+*6. . - '1260 6.6+8' 3+.0' <. - ' - " 1*0 - ' 50'
6 0 .6' *0' 4 00 +' +1' 0/5"1 .6.0' : 41 .0' .+6' 71*0 6.0' 5. , 8 +4+ - ' ,1 + - 50 06' 1'
9.2.6' 5+2" ,03+0 1 60*402.6' .4' 1 - * .' 5 +8' 0' 40 00* + + - ' 3+. - ' * 04.' 0' .+6'
1' 6." '5. ,0' 3+."0 - ' 0/' 5 1/ - 8' ,1 . 6 8' 5 1 - 06' *40' 4 0040 06' +6' :0 1' $1 B
0: *+8' *' 0* .6+ - ' :1, . 06+ ' ,1*6 .' - 1 0 - ' - .<1 + - ' 0 ' 3+' ."6, ' ,+ 3+. - ' 0/ '
6, 1' <+8' *' *0916 8' 5+2" , 8' .+6' .+41 6.60 - ' ." 3+.* ' 6 2+0 0' *+*3+. - ' 6+6+ - ' 0/ 6 '
- . :0 +*6' .2 61' +50 '7 8' ,1* , " 1 '4+.0' - .*0*4' .6 1*08' 1 - * *1' 5 151*02.*6+ '
+6' .+6' 0/' , . 6 8' <. - ' - +* 6 8' 12 4 1' + 90 06+ ' .+6' , . 60"" 8' , ,+ - ' 0/ 6 +4 8' + 28' .4'
404 6 1* , - ' *15 .' ,1 - - 0.6+8' .4 90 06+ ') 6 . - 3+0' 7 ;0 - 8' .0: 6 .' 0 +6.2.6' < 3+.0'
*0,' +2' 50"" 2+8' - " 60 - '4 +6 +8' *' , . 6 8' ;0 . ' *0,' 1"1' 91 8' 4+ 6 0' . 6 41' 15+8'
" 91* 8' 5.6 02.6+ ' 6.3+0' 06' ,1* 04+8' .' 67+.* 8' 51 04+"3+0' 09 ' " 20""+8' +55 0/<
3+1' .4' *,1 - - 14 .'7 ;20 *1 + - ' : 6.*4. ' +6' - "08' *' 71 6 ,1' 7.20 06+ '50602.*6' 06'
09 '4 0 - '5 .0 * 02.*6' *6 .3+0 - ' * '5. / 0 06' " 20 + - ' 06' 41 - + - ' ,1*,040 0?
G+.0' 5+2" ,0' ,+ - ' 0 0*6' 06' 4 ,0 0*6+ ' 1 0+ - ' ".60 0' - * - 0' 5160, .*6' - .9*. - '
3+0' .4' 08' 0+' : ' 0+' ,1*4 6 1* 2+8' 6 .*H0*4.8' 0 - 1 . - '. 0 02.*6' S0,'5. : .'12'
4' *: 4 .' ".9 . 0' 0' 9*1 .2.6' (. - 1 0 +8' *+50 ' .4' + - - + - ' - " 6 .0' - .9 6 .6+ - '
7.+4' *0' 1, ,+"61' 5 1,0 + - ' " :1 0' 0:04+8' ,+ ' 6. - 0*' 51 6' 0+ - ' .4056+ - ' "05. 0 - '
5 .02+ 6' 3+.*3+. - ' 4' * 6 1' 516 +8' 9 .6 .0' 3+. - ' - 0 6 8' 0<+8' 4.6+ - ' .' 090' 12*1/ 1'
: 4, 06+ ' (, 02. ' 3+. - ' *01 - - 14 ' 40' 0' 0 - 1*08' "0 0 0*6) 6' 71* *0 - ' .' 5+0 1'
" 60 . - - ' 6+4 8' 404 6+ - ' .63+0' *' 6." .0' 9; - *. 8' :0"+6' 04+, .6+ - ' : 6.03+0' 0/'
* +*0 8' * , ,0 " 6.60' 619.6.0' 516 +8' 3+. - ' - " 6. ' **+6 6+ - ' ,2* 8' + 8' .63+0' 12'
6 * .6 1*0' +* :0 + - '0/0 , 6+ - '50 4 6+ + - ' "09.6+ - '0+ - ' *' 71 6 ,1' 0" 4+ + - ' 5'
+ - '0/6 .' 20"" '50 ,+"+ - ' 06' - - .* 8' 60 - 50 6.6 8' *,1 - - 14 .' .4' ,1 - 6 .' ,+ - ' 090' *

D

'$1"1* .* ' 04 6+ + - ' 0' ""0'0 6'3+'.*60'1 60** + * '5 1' .6 1*0'1 , '3+ 550' 09*'
' # ' ',.*,0"". +8' +*+8'0/' "09.6 8'3+' 09*'$1"1* .0' 0* ,1'. *4 + -'6+*,'4+, 71*1 '
,0' .4,1' .2'1 4 * 2+8' 40".6'4 5"1 - .' *' E."" . -'.66+"0 +*6' 5 + - 3+,' 0* ,+ -'
5+2" ,.',0 0 - 1* .' 090 - ' +606 .0'$. 1 + -' 0*+*, .: 6' - .9*. -' ,+ -'0 +4 6 1* 8'
.,' 0"13+0*6 .0'6+ *'5 +40*6 .0' 06' *90* ' *1*'2'(. - .6 .0' 91 0 - ' 04' 6 " ,' ,1," '
0"0 - 0*6 . -' 0 0 0*6 8'06'7.2 6+' - 16+3+0' ,1 51 8'E."" ,18' - 1 08' 0/5 - 0*6 8' ".+'
40 -' .4056+8'< .4' 3+0 *' 06'6+*,' 40'"09.6 1*0' " .' " 2 + -' 0 5 6' J ' ."4+ *+8' <+ " '
,1* +"6+8' '3+1' " + -'6.*3+. -' " 2 1 + -' 40' 0*.6+' 1 - .*1' .+41 0 -'V'".+4.6'+6' +'
5 .' '40 - 1* 6 .: - +8' 0/',1*:0*6+8' *12 "6.6 8' *4 /0 .6'*0' ' ,1 - 6 .' *4 ,0 0*'
6+ ' .+6'0/0 , 6+ -' 04+,0 0' .+6' .2' 12 4 1*0' 4 0040 0' ,190 06+ ' 06' * 7 "1 - *+8' 6'
- 506 . ' *1*' 51 "06' +6' *12 "6.6 8' ,1*:0*6 2+8' 1 4 *08' ,1*60*6' *1*' 0 "0*6' *' 1 - '
*0 8' ,. +8' "60 .8' 3+ 2+8' ,1 - 6 .' *4 ,0 06' - 0 .6' G+14' ,+ -' + +8' . 6+ (. - 1 ,)'
0 '5 1,0 08' *60 5 06. 0*6+ '3+' 09 8' *' ,. 6 8'5 .0 0*6 .'5 .0 .4 8' ,1* " 8' .+41'
6.60 - . 6 +0 0:0""06' 01' - .<1 0' *' 0+ -' *: 4 .' 2.,,7.6' +*6' 5. 68' 06 . -' ,. - '
* 2+8'3+ 2+8' 0': 6.' *' ,71". 6 ,1'5+":0 0'*1*' *' +41 ,' - "6. ' .4.' 0/5 12 .2.6+ '
+902.6' *: 4 . -'4 0 5" *.0' - "6. 8' 6+0*4.0' 6+4 + -' '3+. -' 0:0 0' .4 - 14+ - ' +6'
.+41 6.60 -' 62' ,1*, " . 06' .' - "60' 0/ 902.6' (. - 1 0 +8' 06' .2' 8' 5 8' 3+1 + - '
3+14' ""+ 6 1 ' 1 6+*.' 0 "06' 50,,.6.' 06 . -' 06' 5,,,.61 + -' .4' 4060 0*418' ." 18' 510*.8'
""+ 6 1 08' 0 "0' 4 ,02.6' G+18' + - 1 08' ""0' :0' ,7. 6.60' 5.6 .0' :0' 5 +40*6 . ' *0'
*' +5 0 - ' - .9 6 .6+8' *9 0 " ' - 5160*6 8' .* - 5+6. 06+ ' ' +2' 5+2" ,.' 50 1*.' 5 '
:.6.8' *<+ .8' +"4 , ' :0""06' 90*0 1 0' ,1*60 - 5 6' 06' 5+2" ,.0' ."+6' 51 67.20 0' , 04'
:1"+ 6' *60 - ' .4 8' *1*' :0 2 8' +6' ,."+ - * .8' .2' .0 - +"1 + - - ."0:1"0*6 .'5 1 04.8'
0: *,0 06' 150 . -' 4.2.6' 6.3+0' ,+ -' :060 .*+ -' - "60 - ' 3+' .4' ,'E04.*+ -' +0 .6'
40' 6 50*4 8' 402 6 8' ,0 6+8' .9 6.60' ,1 - 50 "06' 04 / 6' - 1/' 3+' 5 :.6.8' ,1 6 1*08' 0'
, "0*6' ,1*6 .' 4 0 5" *. -' 06' - 50 + -' - "6.60' 0, "0' <+4 ,.6+ + - ' "09,3+0' *' ,18'
.* - .4:06 + + - ' 3+14' '3+ 4' 40' ,1 - - 14 8' + 8' .90*4+ -' 0/ 6 - . 0*6' :0" 0' .5'
5,"".60*6' :0" ,1 . -' 0' 40' 8' .90 0*6' + -' 9 6+' "" ' .4' 60*61 + -' + - ' ,1*:0* "'
0*6' 40' .*9+ 6 .' .0 . ' - +"6.' 5 .0 .6+8' +6' . - 1 '5.6 .0' .,' 0 5+2" ,.0' 40,1 ' 74*0'
*,1 - - 14 6.60 -' ,1*41*. 0*6 19.: 6' '06' 0' *1*"09.6+ -' .4' 0/0 , 6+ - ' ,+6' .2' *'
: 4 8' <.4.2.6+ ' 0" 4+ + - ' 04' 5 + -' 6161' 12 4 1* 8' 60 - 51 0' 0 - .* + + -' 5 1*+*'
, .: 6' + -' - 1*0 06+' .2' . - , 8': 40 06' 3+. -' 0 - ' + 0 50 06' ,+ -' 50 ,+" '5"0*. - '
6+ *' 3+.0' 6' 0,+8' ,.40 06' - .9*.' ,+ - ' *: 4 .' 0<+8' +50 1 + -' 0 + -' 9"1 . -' 1 - '
0 - ' 0 "06' 12 0+ .6+ .' 8' ++ -' 4' 0 51*402.6' ,' ,/ 6 6 . 0' 21*+ -' - 50 .61 0 -'
.,' 5.6 .0' . - .*60 -', :0 -' 5+2" ,.0' 516 +8' 4 9* 6.6' 3+. -' 5 :.6.0' 6+40 0' 4020 0' .,'
' 0' * 04.' 4 0040*4+ -' 6' +6' 08' ,1 - - 14 +8' *' 5+2" ,+ -' ,04.*6' .4' 0' 50,,.6'
,<+8' 15 * 1*0 - ' 3+. -' *' 090 -' .,' 0 - 5+2" ,. .' +* :0 . - ' - ."" 0' 0, 4, 0' 0 04.0'
*60 - ' .' 5 .0 4 . 1' - "60' + *.0' .,' *1:+ -' - +* - 0*6+ -' 0/ 6 +4+ - ' 61 * ,*6 8'
9 .*4 1 2+8' - 51 6 8' +6' ,+ -' 3+.04. -' '06' / /,' 51*41' 9"1218' <.,+". 0*6+ '6 + -'
60 .' 05",6. + -' ,1 2 + - ' +6' 0/' 1 4 *0' 51 6.0' 0 .*6' 0 0* ' +*1' 4+' 50*06 . 0*6
+*9.

& ' ' ' '% ' V'".+4.6' 3+18' . 1"0' (91* ' 0, 06. ' ' ' 3+' 71 - 1' *12 8' 9.16+8' 0 6' '
0"0' 0/' 5 1' (91* 1' ,+ -' 1*1* .0' 0 "0 - ' 51 60.' 6 '0/ 0 5 0 6' '& ' 3+0' '4 '
4 4 , ' ,+6' +1' "1,1' 4 4"+ -' 0 6' + ' + : *. 0" ,06' + 6' A1' ,7.0" +6+8' &0*06+8' ' 3+'
40 - 1* 6 .: - +8' 6' :0 1' +6' .4' 5 15 ' *1B 4 +' .5+4' *18' - .9*.' *' .*9+ 6 .' 12 0+ 0' &'H')<6' 3+0 -'
- * 8' ,0"02 6.60 -' 6+*, ." 0*.' *4+ 6 .' +6' :1"+ 6' ,' ,+ -' (. - 1 0 +8' 1" - ' *' 6." .' 0651 60.' 4+ -' +B
+6' ." 0*1' *1 - *0' 51 60.': *' 5 15 8' R+4 2+8' U2" ' 606 .0 0 "06' ,19*1: ""06' (6057.*1' *' 090 -' 0"0461'
,.*4 8' + +8' 6' +24+2 61' . -' " 2 ' 40' 1 ,1: 6 ,1' .+41 ' + 6' +6' 0+ -' ,+ -' 616.' . - " .' 0' E."" .' 0:1'
71,' 20""1' 3+' *1 - *0' 0 *1"4' 0 40* 60 * ' 0, 0B ,. 06' 0<+ 3+0' 150 .' *' , 20*4 8' 05 61" 8' .,' 0 + -'
6. ' 09 ', ,+ - 0 +*6+ ' 0"09.*6 - 0' 06' .,,+ .6 ' +. + -' 7 61 .' .4' 55 60 18' 6 .40*4 ' +60 06+ ' G+1'
0' 0 56' ' * '<+4 , ' .""1 ' .+6' .2' 5 1' (. - 1 0 1' *' 0.40 - ' 3+.' : /0 .6' .*9+ 6 .' 0+' 516 +8' 090 6.60
0 56' +*6' .+6' 516 +8' .2' 71 - *0' ".6 *0' 0 20*4' 50' *' $1"1* .' 40 *40' - 1 6+1' 06' *0 - *0' 40' 71 - * 8' 0/'
6 - 1' 3+' 018' :0" 5 1' (. - 1", 1' 4 4.*60' .+6' 60 .' 9"1 .' 1", 61' ., "0' + 6' (. - 1 0 1' +2' ,+<+8'
."60 -' 0/' 5 +8' ,1 - - 0*6. 8' 0/ 0 5 0 6' 0/' :1"+ 6' *1 - *0' " 2 18' 5 15 .0' 9"1 .0' 0 5618' 0:+"'
,1*:0*6+8' ' '4' - ' + ' + ' '(' ' 9. 0' 0/' ,1*:0*6+8' ^,
% $ ' ' ' '4 ' # . ' L

ˢ #ˢ (n'

+*9. ˢ * 7 "1* *+8ˢ06ˢ$1"1* ˢ: .""+ - ˢ 0 : . ;0 +*6ˢ,+ - ˢ12 0"" ˢ06ˢ155+9*.61 08ˢ: . .ˢ
* ˢ# ˢ ˢ*ˢ ˢ * ˢ ˢ *ˢ ˢ ˢ ˢ %ˢ. ˢ

*+""1ˢ." 1ˢ5 .060 0.ˢ5 1 04+ ˢ %.*40 - ˢ155+9*.6 1* 8ˢ01* " 1ˢ1 - "%1ˢ .4ˢ: , *."1, .
: 8ˢ,1*:0 .ˢ ,ˢ5 - + - ˢ60*6.6+ - ˢ - 1*. 60 + - ˢ3+14ˢ! 8 !ˢ5."%++ - ˢ "ˢ.ˢ$"0 ,1: .
.20 6ˢ *ˢ : .ˢ3+.ˢ :1* . .ˢ06ˢ 9. - ˢ 6+ ˢ ,+ ˢ.ˢ$0CC+ .0ˢ 1 - 0* ˢ 3+. " 05+",7 06+ -
4 , .8ˢ - .9*.ˢ :0*0 .6 1*0ˢ+ˢ 1 , 8ˢ ˢ& 9 * ˢ ,+<+8ˢ ,1ˢ *ˢ "1,1ˢ0*.6. - ˢ 0/ˢ . 21 0
0 9 0 - ˢ ,50 6. - ˢ,1"+*6ˢ ,1* 0, .6+ - ˢ - .9* "3+0ˢ5 1:0*6 2+8ˢ40ˢ 1:19 14. :1
* , .ˢ406 .4 8ˢ"1,+5"06.6+ - ˢ + ,ˢ5 .0" 4 + - ˢ: ." 4+ - ˢ - 51 6+ - ˢ0 .6ˢ .ˢ3+1ˢ5.2+".
61 08ˢ$1"1* ˢ 03+0*6 2+8ˢ *,+ 1* 2+8ˢ * , 6.2.*6+ ˢ 1ˢ - "" 8ˢJ. 0*820R +8ˢ<3+ ˢ 0?
,+*41ˢ *ˢ 6 *0 0ˢ,1 - - "2ˢ,+ - ˢ71 6 2+8ˢ5 10" 1ˢ *: 6.6+8ˢ 0 *ˢ + , 5 6ˢ06 .50 6.ˢ6+
,+ - ˢ h "","- +8ˢ S06"0 +8ˢ ˢ + ".*4 .0ˢ4+48ˢ .6 8ˢ "+8ˢE. 5. ˢ06ˢ ˢ 0 *1"4+8U%
0*7.+ ˢ , ." 8ˢ.4 - 16 8ˢ + "0*6ˢ .4 8ˢ, ." 8ˢ *ˢ - + - ˢ40 - " ˢ *,3+0ˢ +, ,+ 0*6 2+8
1, 8ˢ, .56ˢ +*6ˢ G+1ˢ,19* 61 ˢ 0/ˢ .4ˢ E0 - .* , .8ˢ,15 .8ˢ$.**1* 18ˢ 5ˢ.4<+*9 6
4+,0ˢ 5 1ˢ 1 *0 - ". ˢ06ˢ - .<1 .ˢ61 - 0*6.ˢ." 3+16ˢ3+1 + - ˢ4 "5 1" 1*0ˢ4 +6.ˢ - +
5. 60ˢ%71 - .8ˢ(1".*4 +8ˢ - .*+ˢ." 3+.ˢ, ."1*+ - ˢ06ˢS1 .,1 + - ˢ$1"1*1 3 - ˢ.:0 . - ˢ.
E0 - .*1 + - ˢ06ˢ$.**1* 1 + .ˢ - +* 6 1* 2+8ˢ6+ - ˢ+2ˢ" 1 60 - ˢ4 6 *0 0*6ˢ , ." 8
.4 - 16 8ˢ506 6ˢ 6 40 - ˢ +6ˢ." ˢ ,+ - ˢ4. - *1ˢ 05+" +8ˢ .9*.ˢ1 - * *1ˢ ,8,1* +" 1*0
.4 - * 6 .2.6+ ˢ 0/ˢ3+1ˢ + - - +8ˢ - " 6 .0ˢ4+/ˢ (. - 1 , +8ˢ, 0.6+8ˢ +0 .6ˢ *1*ˢ ,+"5.
5 +8ˢ 04ˢ *: 4 .ˢ., - +"1 + - ˢ 3+ˢ , , ." 1*08ˢ.ˢ, . 6 8ˢ4 ", ,40*4ˢ ." ˢ ." . - ˢ3+.0 0
2.*6ˢ 6.ˢ+6ˢ*+ 3+. - ˢ,1*<+*4 8ˢ: 2+8ˢ *ˢ+) +*: ,1*.6+ - ˢ *,+2 6+ - ˢ" 6ˢ3+1ˢ 02.6
+6ˢ4+ - ˢ *9+"ˢ50ˢ 0ˢ 0 .ˢ90 +*6ˢ *60 - ˢ40 0* 1 2+8ˢ: 0 8ˢ +.8ˢ1 - *48ˢ,1*<+*
90*4ˢ ., +"6.8ˢ4. 06+ ˢ 06ˢ 155+9*.61 + - ˢ - 506+8ˢ - - *+0 ,6+ ˢ 0 - + - ˢ 71,ˢ0/
0 - 5"1ˢ5.6+ 6ˢ *ˢ"0: 1 2+8ˢ - +* 6 1* 2+8ˢ2.+4ˢ - *+8ˢ .050ˢ*09" 90*6 .ˢ3+. - ˢ *ˢ
- - 8ˢ4 ,+"6.60ˢ1 0*4ˢˢ3+14ˢ *ˢ7 8ˢ - .9* 6+40ˢ50 ,+" ˢ .,ˢ 0/ˢ01ˢ*.6+8ˢ - 06+8
: 6+60*ˢ 5"0 + - 3+0ˢ ., +.6<ˢ ,1*6 .ˢ *ˢ "" 8ˢ0/ 9+ 6.8ˢ50 ,+"ˢ 0 0ˢ ,+ . - ˢ.* - ˢ .,
,1*60*6 1*0 - ˢ 0 - 66.6

ˢ " # 8 ˢ 0/ˢ .4ˢ 1 - 6 .ˢ5 1 , ,0 06+ ˢ*. - ˢ40ˢ,1*;0*6 2+8ˢ*12 " 6.6 8ˢ
+ 6ˢ 6+8ˢ,1*.6+8ˢ "09.608ˢ3+ˢ40ˢ5.,0ˢ.9.*6ˢ*1 - *.: 6ˢA.*+" + - ˢˢ(2. . + - ˢ$.". ˢ
6 *+ - ˢ . ".: 0* 0 - ˢ3+ˢ5 1ˢ $1 1* .0ˢ 09*1ˢ "20 6+ - ˢ9 .4 : "" + - ˢ5.".6 ˢ ˢ
67+.* 0ˢ6 2+*+ - ˢ3+ˢ5 1ˢ 67+.* .0ˢ5 *, 5.6+ˢ *60 4 0*6ˢ 8ˢ.4<+*/ 6ˢ ,7.0ˢ
"0 .ˢ . .2+ 4. - ˢ 0 + - ˢ 1 , , . + - ˢ50 6" - + - 3+ˢ 0 2.0ˢ - +*0 0ˢ40 +*90 06+ ˢ
5., 8ˢ,1* 6 6+0*4.0ˢ. 2 6 1ˢ (. - 1", 1ˢ,1 . - 6 1ˢ3+ˢ 09 8ˢ: ,08ˢ12 06ˢ 0/ˢ,+ - ˢ
:1"+*6. 8ˢ,6ˢ1 - *ˢ.+" ,1ˢ,1 - 6.6+ˢ 0" 41ˢ *ˢ, . 6 8ˢ ."6.C. 0ˢ *4 0.0ˢ .6 8ˢ "1ˢ
6 . - "2ˢ.4ˢ +*02+ 9+ - ˢ +*. & "*. - ˢ:0* 6ˢ + - ˢ(. - 1 0 1ˢ$1"1* ,+8ˢ 6 ˢ
50*4 . +8ˢ - "08ˢ 0 - .* 6ˢ 6. - ˢ 8ˢ3)ˢ<. - ˢ.2ˢ * 6 1ˢ,+ - ˢ01ˢ.4ˢ$ 0 ,1: 4 - ˢ., ,0 ˢ
ˢ 0 .6ˢ3+. - ˢ 8ˢ3+ˢ.ˢˢ(6+ , 0* ˢ0/,+ 1*0ˢ,+ - ˢ .4 : "" 1ˢ*+50ˢ *ˢ, . 6 .ˢ 0:0 60 .6ˢ
*+""ˢ5 .060 0.ˢ 8ˢ:0 1ˢ50ˢ.2 0*6 . - ˢ 09 8ˢ*0ˢ3+ 4ˢ *09" 90*6 .ˢ *ˢ 1"+6 1 0ˢ4 ", ˢ
5" *.ˢ50, , . 06+ ˢ,1ˢ 2ˢ4 " 90*6 +8ˢ0* 60*4+ - ˢ: 402.6 3+14ˢ.0 - +"1 + - ˢ *ˢ 0ˢ1,+"18ˢ
*60*6ˢ18ˢ 0 02.6ˢ06ˢ"ˢ3+ 4ˢ50, , 6+ - ˢ0 "06ˢ *1*ˢ 7.20 06ˢ,+<+8ˢ .+42 6.60ˢ 0ˢ6+0 06+ ˢ
.+6ˢ *ˢ3+0 - ˢ 0<04.ˢ,+"5.ˢ 0ˢ0/,+ . 0ˢ51" 06ˢ $ - + - ˢ0/ˢ5 .0 04 8ˢ 0/ˢ40"09 6ˢ,+ - ˢ
3+ 2+8ˢ40ˢ , , ,6 1 2+8ˢ*0916 8ˢ, .5 6.ˢ, 1* 0 06ˢ ˢ0 .*6ˢ 0*.61 ˢ 1 4 * 8ˢA1.**08ˢ
A%. *1: +8ˢ06ˢ(6057.*+8ˢ##E +4 , * 0 + 8<ˢ0/ˢ,3+0 6 ˢ *4 6+8Dˢh 0 , + ˢ . 6 *+8ˢ
1ˢ . .*1: +8ˢA1.**08ˢ ˢ 0 *1:1" , +8ˢ06ˢ(9 - +*4+8ˢ2 1 * +8ˢ 19* 61ˢ.+60 - ˢ0/ˢ
, .56 : 8ˢ 3+ 4ˢ 71 - *+ - ˢ 3+ 4ˢ,1 - - 0.6+8ˢ *ˢ + 20ˢ0 06ˢ" 0ˢ .6 1*0 - ˢ * 2.6ˢH ˢ
- 1 0 +8ˢ "ˢ +2:04 1ˢ ,1 - - 0.6+8ˢ *ˢ+ 20 - ˢ - 504 06+ ˢ *6 .ˢ . + - ˢ5 1/ - + - ˢ
12 4 18ˢ . - 0ˢ: 418ˢ.4ˢ404 6 1*0 - *0,0 ". 1ˢ,1 - 5+"" - ˢ ˢ *60 - ˢ, .56 8ˢ, ,+ - ˢ
ˢ, . 6,"" 8ˢ - " 60 - ˢ ,1*6 *0 ˢ 06ˢ.2ˢ ."50 6.60ˢ 91 8ˢ40 0*4ˢ51 "0ˢ 9 6+ˢ4 "51 6R
ˢ *" 4 8

ˢ%ˢ $ ˢ V4 # ˢ MN ˢ rˢ ˢ ˢ ˢ" ˢ U ' ˢ :+ 4 ˢ
ˢ% && A6ˢ $ˢ ˢ" # U*ˢ .' ˢ ˢ5 ' ˢ ˢ ˢ ˢ'ˢ U ˢ ˢ+ ˢ ˢ ˢ
Uˢ , # ˢ ? R ˢ ˢ D 6ˢ ˢ5 D 6 $ ˢ ˢ"

* 4 8." 3+16 085+9*.6+ - 4+ - 12 0 5.2+".6) - 0/0+*6 4060 1 0 5 1* * 0 -
' # "% 50 ,1*4 6 1*0 %.*40 - "09.6 . 1 ,1 0 - 06 +8 $06 "+8 R, +8 1 - .*+8
" 1* +8 5 13+0 , 2. , ? . "2 0R+8 :0*0 0< 3+ 2+8 12: . - 5 1 ,41 $1" ,
: *1 $1"1* "09.6 - 1/ 12 0,+6 +*6 * 6 13+0 . 6 1* . 61 5 - + - 4, (+0,1
5.,0 ,1 - 5 070*40*41 . 6+ - < ,+ " ,06 - 0 61 +, ,0* 0 06 0/ 3+14 561 ,1*6 .
,1* - +*0 - 71 60 - 1, ,+5.61 50 :1 . - 3+.*6+ - : 8 19.6+8 +6 .2 0. .2 6 *0 06
. - . , ,+ - 6+" "06 6. - 0* +/1 8 5 0, 2+8 0/1 .6+8 3+.0 1 1 (+0, +/1 8 0 .
+6 ,1 - 5 070*40 06+ . 0* 0 .6 * - .*4.6 8 7.202.*6 1 , ,+6 0/ 6 .*8 +9.
,19* 6+ - 0 6 +6 6 $"0 ,1: . 404+ 6+8 0 "06 0/0 , 6+8 1, , . 1*0 3+.0 6. ,1""13+ + -
.2 + - 50 0*6 ' * - *+8 4, 5. ,0 0 1 .90 0*6 7 8 .+60 - ,1*4 6 1* 2+8 7.*, 51 6 0 - 1
,1*,"+40 0*6 ' +6 0/ +R18 06 ,060 . 71, 20" 1 , .56. 0 6 6+0 06 5 .060 h 0
+ - 06 +* &0 . - 4 1*0 - 2 $1"16 0* 0 - +* :0 . 3+13+0 :1* . , ,040 0*6
6.3+0 ,+ - : 40 0*6 "09.6 090 - 3+ 40 - 4 ,0 "0 ,060 + - 12 4 1*0 - .47+, +
90 3+ . 6. - 0* - + . , - +"618 *60""0/0 .*6 06 12 91 8 ".0: 6 . - 6.*40 - 12 B
4 1*0 - 0" 4+ - 2 50 "+. 0 .*6 - 1 .8 *0402.*6 06 40 "0: "" - 8 02 860 - 5+8
+6 .4 5 *, 50 - <+ - , 20 0*6 50602.*6 *60 - 0/ , .56 : 8 . 0(5 6,1*0 A1 4.*1
: 1 6 0*+1 06 0 . : 0* 5+9*. ,". 1 155 0 " 8 40 A1.** 8 - .<1 8 *.6+ 5 *, 5 8
" - 1 60 ,19* 6+ - 0 6 + - ,+ - 5.6 15+ - - .9* 6+4 *0 - . ,670 .+ 181 60*
6.*6 : 6+60 - 516 1 0 - 670 .+ 8 0 "0 0"51*4 "06 3+. 3+ 5 .04 - 8 , 06 .+ + -
51 " 40*60 - - 50 1 0/+0 0 51" 06 :0 3+14 12 6 *.6 +8 . 5.6 0 +6 ,+ - 7, "0 4 -
, .606 0 ".9 6. 06 , 5 1*0 * , .5 60 .2 5 2 5. 0*60 50 ,+ "+ 7 05 "056 ,18 41"1 ,8
*, 4 "0 - 1/3+0 0/ 8 40,0 " 0 , .56 : *. .2.*6 ' 01 - .<1 0 5 +8 "+4+ 3+14
" ,06 ."60 + - %70141 - - *1 - *0) + - 7.20 06 6. - 0* 8 - 0*6 8 : 6 2 .4 09*+ -
.+6 08 ." .8 *+6 " 8 7.20 06+
& 2 60 - 5+8 0/0+*60 .**1 :,*0 .6 3+1 *60* - . 8 * "1, 8 91 .
0 "0 :+"9. .5+4 1 ,18 0 - 1*0 1 60*4 6+ 3+ ,1". 06 7 6 91 . .550"".*6
,+ - - . / - . 40 9*. 0 :1"+*6 1 ,1: . 3+ 550 ,+ - 1 - * 8 +2 5 8 0 0 6 1* 2+8
51 6." 6 *+"" 2 * 0. 3+. - * $"0 ,1: 0* .9 1 91 . :070 - 0*6 1 . +*6 6.3+0
.* - ." . 3+.0 ." 8 * "1, 8 * 9 1 .+6 +",1 +*6 ,1"1 0 +6 ,1 : 9."" *.0 ":, 6 08
50 4 ,08 ".9151408 + "051 08 ." .3+0 4 90*0 8 0+ ,10" *.6+ . :0 91 8 :
.*4 4. 2 ,1* 5 , +*6+ 14 + - :0 1 6.*6. "1*9 6+40 0 6 ,+ - "1*9 - .0 +*6
+6 4 0 X@.6 + - *1* . - 5" +8 3+. - : 71 . + - 6 < 3+1 02.6 +6 0/,+2 .0 4 , "+8
*0, * ,+ - - 1 6 8 50 ,+"1 5"0 + - 3+0 12 0*6+* %.*6. 3+ 550 0<+8 : 8 0 .6 +6
+2 3+ 8 0/6 . 6.2, *. ,+"+ - 5040 - 0/6+" "06 1 - * 2+8 0 0 - 0 - 2 8 .63+0 8 - . / - 0
3+.0 .0 5. 02.*6 *. 2+8 .+ 2+8 . , ., 0 616. 90"+. 6 4+8 1261 50 00 06 40 * 02
+50 :0* 0*60 0 - 1 0 06+ G+14 .+60 - 40 "+8 ,10" *.6+ . ,+ - - . ,*"1 *1**+"
5 14 40 +*6 +6 .3+.0 5 .0 4+ - +*4+*6+ ,1*90",*6+ 4 0/50 - 0*61 - +"6 8
,1* 6 6 6 6.3+0 ,+ - 0/,+2 .0 0/60 +8 * 6 1 .90 0*6+ 5"0 "3+0 - 0 - 2 . 0 - 1
02.*6+ +<*8 0 0/2 - 5"+ - .2 01 3+ 7.*, 7 61 . - 0 5 6 - 0 - 1 .2 0 5 1
4 6+ 4, 03+ 603+14. - 6+ - .0 1 * .*.0 ,+ , - +6 + - 3+0 , +8 5".*0 4. -
91 0 0 - 1 6++ - 0 "06 3+0 *40 * 02 - 3+. - - 0*6 8 ." 0* .6 1 0,+6. 0 .6 *,
4 "06 - 04 ,+8 0 1 , + . 0 0,+ 6 .401 *+""1%0* < +6 51 63+. - .4 0 04 6 *1*
0,+8 ., ." 3+. - 1 *.6+8 5. 60 - 03+ 0 06 40504 2 8 . - 8 . 6.*60 8 *60 19. 0
,1050 6 + *,0Z* - 141 71, 0 - 04 + - 5 1 60 - 51 0 .66+" 6 (. - 1 0 +8 G+.60 * 8
: , 2+8 0/,+2 .8 *9+" 8 *1 2+8 50 - +6.2.6 06 5.+,18 0/6 . 0 - 6602.6 .63+0 0/ 01
*+ - 0 1 0 0 3+ *1* 71 6 0 6, 0 04 0 - 56 1* 8 71 6 . - +18 , 6 - 1*0 . ,0 0 55$
0*6 ' ,060 18 * . - 68 5. .618 .2 *<+ . .0 8 .401 * 0 6 40 0* 18 +2 60*61 8 60*02.6
; "" #D " # G " " G 2
. " " " " 2 ! ": " # 2 : # " 2 ! 2 "
0:+"9.6.
" . 0 ; 0$ I 2 36$ 2 2 ; 6 # "$ 28 8]$

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0:+"9.6.ʿ 06ʿ 51 6,.:. 8ʿ , 56 8ʿ .9 6.6.ʿ *60ʿ1 60** + -ʿA.,12+8D *4 0.*+8ʿ0,ʿ KGʿ
,", .0ʿ +2 *9,* 8ʿ5 .051 6+8ʿ06ʿ.,.40 - .0ʿ,.*,0"". +8ʿ718ʿ0* -ʿ6 6+"18ʿ 2ʿ + - 6ʿ
06ʿ . 6 +8ʿ - +8ʿ " *9+.0ʿ E6.0,.0ʿ .6 *.03+0ʿ *ʿ0.ʿ5 1 0""2 ʿ 1* 0 1* 8ʿ +ʿ
9+ 6.*.0ʿ 5 .,, 5+.ʿ,.5 6.ʿ *ʿ E .0,. -ʿ" *9+. -ʿ5 40 -ʿ.ʿ$.+"1ʿ 1" , 1ʿ $".:0*"ʿ
:0 ".ʿ .4ʿ , 0 - . -ʿ5.6 . ,7. *ʿ 1* 6.*6 *151" 6.*+ -ʿ6 .* * 0 .*6ʿ 01ʿ ,1*ʿ
A1ʿ ,+6ʿ51 60.ʿ , 5 0 +*6ʿ+6ʿ3+ .ʿ +670 .*18ʿ616 ʿ3 0*60ʿ3+."ʿ 0 6. 18ʿ0/.9 ʿ
6. ʿ *60""0/0 .*6ʿ .2ʿ * . - .ʿ3+. *: 4 1 0ʿ1*0 .2.*6+ ʿ 0ʿ5+ 9. 0*6ʿ06ʿ+601 - -ʿ
:0 2 8ʿ+6. ʿ"+,, *. *ʿ:0 2ʿ : *ʿ - * - 0ʿ +2ʿ - 04 + -ʿ.2 01*40 0*6ʿ 04ʿ +5 .ʿ,.*B
40".2 + -ʿ,1""1,. 0*6ʿ 4ʿ0. *ʿ20* 9*0ʿ06ʿ7+ - .* " - 0ʿ.ʿ5.6 .6,7.ʿ5 - 1ʿ 0"51*ʿ
+ -ʿ4 0ʿ &ʿ ."ʿ.*ʿ 6ʿ *60 -ʿ - 140 60ʿ - 5+9*.6 8ʿ3+.0ʿ60,,56.,ʿ *ʿ0,ʿ
,"0 .ʿE .0,.ʿ41. *.0ʿ .4:0 .2.*6+ ʿ G+1.,,0561ʿ +,.8ʿ .*40ʿ *4 0.*ʿ*1 ʿ
- *0ʿ06ʿ ʿ 6+ +8ʿ *1:+ -ʿ!, 56+ .ʿ - 66+*6ʿS."ʿ .12 218ʿ.**ʿ 03+0*6"ʿ,1 - B
50*4 + -ʿ ,) ,,6ʿ6701"19 .0ʿA.,12ʿ 0 2 .*4 ʿ.ʿ + 1ʿ *ʿ" *9+. -ʿE .0,. -ʿ,1*ʿ
:0 + - ʿ *ʿ3+1ʿ5 .0, 5+0ʿ4,ʿ%09+".ʿ *ʿ(., .0ʿ(06 56+ .0ʿ *60 5 0 .6 1*,ʿ60*0*4.ʿ06ʿ
(.* 6ʿ (5 6+8ʿ5 1,0 1*0ʿ .9 6+ ʿ 4ʿ ""+4ʿ 40*+1ʿ.ʿ5.6 .6,7.ʿ 0 53* + -ʿ.**1ʿ
, 1 / / / ʿ ,+ʿ + +8ʿ.ʿ h 60 - 20 90* 2+860 6 + -ʿ 0 56+ -ʿ1551 6+ -ʿ0 6ʿ.**1ʿ
03+0*6 ʿ4 0ʿ(.* 6ʿA1.** 8ʿ .56 6.0ʿ06ʿ 1* 6.*6 *151" -ʿ6 .* - + - ʿ 4ʿ3+14ʿ
,+ -ʿ 0"51*4 "06ʿ 0 0 - .8ʿ: ʿA+* ʿ h 60 - 20 90*"08ʿ51 6 0 - 1ʿ4 ,,56.6 1*0 -ʿ1 ʿ
, 1 .ʿ9 .6 . + -ʿ. 6 1*0ʿ,".+ 0 +*6ʿ <+8ʿ.4.ʿ5 1ʿ60 - 51 0ʿ.ʿ h 60 - 20 90*" 2+8ʿ
+55 0 ".ʿʿ 5. 6 - ʿ ,+6ʿ 5 ʿ51 60.ʿ 06+"0 +*6ʿ +6ʿ5.6 . ,7.0ʿ5. ,0 0*6ʿ3+0 *ʿ6+*,ʿ
*ʿ - - Dʿ4 , *% *0ʿ 3+ 550ʿ3+ʿ4 9* 6.60ʿ.4ʿ60 - 5+8ʿ - 16+8ʿ +0 6ʿ:0 . ʿ *60""0/0ʿ
.*6<ʿ5. 6 - ʿ 3+14ʿ *+"". -ʿ 0/ʿ04 6 1*0ʿ "" +8ʿ+6 " 6.60 -ʿ.4ʿ0,,"0 . -ʿ$0 ʿ 04+*4.6+ʿ
. -ʿ,/ 6 - . 0*6ʿ 6ʿ(6.* ".+8ʿ0(1,1"1: +8ʿ 09 8ʿ$1"1* .0ʿ6701"19+8ʿ,+ -ʿ40ʿ0.ʿ
0 0 : "06ʿ50ʿ. ,7 - .*4 6. -ʿ3+0*4. - ʿ3+0 *ʿ 0151"ʿ + " .0ʿ$1"1* ,.0ʿ - 06 151"ʿ
*. 6+8ʿ +, .6ʿ - .9*150 0ʿ.2ʿ 5 1ʿ,1*60*4 6ʿ+6ʿ3+. -ʿ5 - + -ʿ41 - + -ʿ60:0 +8ʿ0 "06ʿ
,1"".6 1* 8ʿ. 6.ʿ .4 0ʿ6 .* 6* 660 06ʿ3+14ʿ06ʿ ""0ʿ2.+4ʿ 09* 60ʿ 046ʿ 9 6+6ʿ0.ʿ+2ʿ
.,,05 6ʿ(1,1"1: +8ʿ *ʿ" *9+. -ʿ .6 *. -ʿ:0 6 6ʿ06ʿ ,0* + .0ʿ1 0*6." 8ʿ0,,"0 .0ʿ6 - "1ʿ
,+ -ʿ.**16.6 1* 2+8ʿ + 8ʿ71,ʿ.**1ʿ5+2" ,.: 6ʿ.63+0ʿE 091 1ʿ/ ""ʿ51*6 ,ʿ - ./ - 1ʿ
* 0 5 6ʿ +6ʿ1 60*40 06ʿ h 60 - 20 90* 0 8ʿ06ʿ0.*40 -ʿ,+ -ʿ " 8ʿ ,1* 0 1*0 -ʿ. - ʿ
5",40*60 8ʿ,+ -ʿ*+""+ -ʿ 2ʿ *ʿ0,40 . .671" ,.ʿ+ 3+. -ʿ *ʿ1,, 40*60ʿ"1,+ -ʿ 0" + -ʿ
: 40 0*6ʿ.4ʿ.* 6 608ʿ1 0*6."0 8ʿ,1* +9 "0ʿ3+141" -ʿ$0".9 . 8ʿ12<0, 6ʿ ʿ +9+ 6 ʿ
+8ʿ06ʿ 7 "1 - *+8ʿ - .9*. -ʿ *ʿ 5 1 + -ʿ41 6 *.ʿ4 0 05.*6 . -ʿ.ʿ"+.ʿ 050 "%0ʿ G+14ʿ
,+ -ʿ ,19*1: " 0*6 h 60 - 20 90* 08ʿ0.40 -ʿ E .0,0ʿ06ʿ .6 *0ʿ h 60 - 20 9.0ʿ040*4.ʿ
6 0** 1ʿ51 6ʿ,+ . +*6ʿ, - ʿ5 .0 .6 1*0ʿʿ.4:0 +8ʿ3+. -ʿ.**1ʿ51 6ʿA1ʿ .56ʿ6 R"0 +8ʿ
A) ʿ,1* +"6+8ʿ(51*9 . -ʿ 0 5" 6ʿ06ʿ 5 0ʿ(1,1"1: +8ʿ 0 51*4 6ʿ06ʿ 6*60*6 . -ʿ40 * ʿ
6 :. -ʿ 0 0 - .0ʿ5.6 . ,7.0ʿ.4<0, 6ʿ,+ -ʿ.*6 4160ʿ+"6 - .0 451* 1* 8ʿ h 60 - 20 ʿ
9,*" + -ʿ.4ʿ,0* + . -ʿ5.6 . ,7.0ʿ40ʿ. 6 ,+"8ʿ,1* 0 " 1* 8ʿ +9+ 6.*.0?ʿ(1, . -ʿ150 . -ʿ
06ʿ,1 - - 14.: 6A.,12+8 E1 , +8ʿ.* - .4:0 61*0ʿ *ʿ 4ʿ04 6. ,+ʿ 6+ 1ʿ*1 - 0*ʿ0, 6
ʿ5 ʿ(6057.*+8ʿ ,1*6 .ʿ 1 018ʿ 0" , 60 ʿ 5+9*. 06ʿ4 :0 .ʿ + 15.0ʿ5. 60ʿ
$7 " 55.8ʿ 5.* . + -ʿ 0/ʿ5. ʿ 0" , 6.60ʿ + 6.* .0ʿ 08ʿ.4 - * 6 .2.6ʿA. - 3+05 15 *ʿ
3+.2.6ʿ60 - 5+8ʿ3+1ʿ9%1 - . . -ʿ .4ʿL ,+ . + -ʿ5 1,+ .61 08ʿ .+4 0*41(ʿ5 1 , 6+ - 8ʿ
, .6ʿ 04ʿ *ʿ 6 *0 0ʿ .67. *. -ʿ .,.*6 *ʿ4.48ʿ+/1 0 -ʿ,+<+8ʿ5 .0, 5++ -ʿ *ʿ 09*ʿ
+ 6.* .0ʿ +,,0 1*0ʿ<+8ʿ + 0ʿ"+5 .ʿ40 - 1* 6 .: - +8ʿ1 41 0ʿ *: 0 0ʿ:1"+ 6ʿ ".ʿ
& , 1 . : "".ʿ 1 *+ -ʿ:0*0 .6<ʿ +2ʿ,+ -ʿ0.ʿ$7 " 55+8<616+ -ʿ4 0 -ʿ + ʿ06ʿ . - . 0ʿ
,1""13+ + -ʿ50ʿ71 .8ʿ,1 - 5"+ 0 8ʿ7.2+ 6ʿ "+8ʿ06ʿ$7 " 55+8# 1 4+20* 8ʿ .91ʿ
* +8ʿ3+ʿ*1 - *0ʿ 09 8ʿ ʿ .,.*6 *+ -ʿ0<+8ʿ - . 6+ -ʿ ."+6. 06ʿ *40ʿ 0/ʿʿ ":. -ʿ 0ʿ
:0 +8ʿ%1 - . . -ʿ:0 +8ʿ 60ʿ *60*4 6ʿ .9*.ʿ0 .6ʿ0/504.6 1ʿ*1:ʿ5 *, 5 8ʿ.4:0*6+8

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ˢ 0 ,ˢ$7 " 55+8ˢ :+"6+ˢ 0 0*1ˢ,+*418ˢ0/, 50 0ˢ ,1 - 60ˢ. . ˢ.4ˢ 51 6+".6.20* 9*0ˢ 06
) ˢ ˢ 51*40 0ˢ+6ˢ * 7 " *ˢ :0 2 8ˢ 06ˢ 0/60 *.ˢ 50, 0ˢ .4ˢ + - . . * ˢ 7 <- .* 6.60 -ˢ0620*0:1 ˢ
"0*6 .0ˢ 9* ,.6 1*0 -ˢ 0" 3+ˢ .,0 06 ? &0 + -ˢ *ˢ ,1*,040*4 8ˢ9 .6 8ˢ20*0 , 8ˢ .,ˢ
5 .0 - 8ˢ3+.0ˢ5 1 - ,+,ˢ50602.*6+ ˢ"0*60ˢ .4 - 14+ -ˢ 08ˢ 5 1,0402.6ˢ ,9 8ˢ .41ˢ .*ˢ
- * 6 1 + -ˢ ,+"5.ˢ5060*6 + - :0ˢ * +6+1ˢ 0ˢ ,1*,+ +ˢ - 504 0*6 + -ˢ - 51 6+*.ˢ 0 6 ˢ
*.6 1*0ˢ *,0 6+ -ˢ %.*6+ -ˢ% .,.*6 *1ˢ,1 - 6 8ˢ 6.2+"ˢ 4 9* 6.8ˢ70 04 6. .ˢ,1* ˢ
- .6.ˢ 06ˢ:0""0 8ˢ.+ 0ˢ *"6970ˢ4.6+ -ˢ 5 0ˢ 4+ -ˢ .,6+ -ˢ 50 .90 0 - ˢ 51"" ,2 6 *. -ˢ
<+/6.ˢ 090 -ˢ.4 - 6602.6+ ˢ - *ˢ71*1 8ˢ *1*ˢ :+"9. 8ˢ 50, 0ˢ 4,,1 .6+8< *+"".ˢ 5 .,ˢ
60 0.ˢ 0ˢ3+.0ˢ .4ˢ 1 6+*. - -ˢ .,ˢ5160*6 .0ˢ . - 5" ,.6 1*0 -ˢ 50 6 *0 06ˢ ,+ - +".6+8ˢ
603+. -ˢ 1:0*6+8ˢ 7.20 06+ ˢ <+8<+ .*4+ -ˢ .ˢ 090ˢ 5 ., 6 6+ -ˢ 06ˢ .,,,56+ -ˢ 0 6ˢ 01ˢ
- .<1 0ˢ3+. -ˢ*+50ˢ 0* ,1ˢ 090ˢ 5T - 5.ˢ 06ˢ - *1 0ˢ 6 05 6 6ˢ 3+14ˢ *ˢ ,1 0 +ˢ ,+ˢ
ˢ . + -ˢ *00ˢ 6 - "ˢ 515)". + -ˢ. 04*ˢ 08ˢ ,0",2 . 06+ ˢ 4ˢ 6+ˢ 2", - *ˢ 50 .4+ -ˢ
5 ., 0*6 2+8ˢ D .,.76 *1ˢ .*6 6 60ˢ 3+ˢ *ˢ + 6.* .ˢ 5.* . + -ˢ 5 - .8ˢ 7.206+ ˢ
2 " 51*0*ˢ 06ˢ 21 0*ˢ . ,7 ,5 ",15 8ˢP 1* - 2 ,0*ˢ $1 6."09 0*ˢ 06 0 0*ˢ
05 ,15 8ˢ.3 09*ˢ5 1,0 2+8ˢ5 .00+*60ˢ *ˢ:0 2.ˢ ,7.0"0ˢ 1 .ˢ3+ˢ0 .6ˢ 4 * 2+8ˢ
.2ˢ 05 61" 8ˢ $7 55+8ˢ 6.4.ˢ , +,0ˢ <+ .: 6ˢ $1 60.ˢ 0, 6.6.ˢ<+ . - 0*6ˢ 4 *+ -ˢ .ˢ
1 .ˢ 1 - +".ˢ%+ *ˢ .,.*6 *+8ˢ06ˢ%70141 +8ˢ . ,0" ˢ4+/ˢ0<+8ˢ "+8ˢ .,ˢ5 1,0 08ˢ
40 *ˢ .,0 41608ˢ 06ˢ, : 6.6+ -ˢ ;*4 , ˢ 6.4 8ˢ ., 1 .*4 8ˢ :.*90" 8ˢ *ˢ$7 " 55ˢ 40 -ˢ
.4.4ˢ +*6ˢ $7 55+8ˢ 5 0ˢ50ˢ 0ˢ 50, ,ˢ1 8ˢ:0*, .*4+8ˢ ,1 - 51 61ˢ.4ˢ7+ - .* 6.60 -ˢ
:+"6+ˢ 6.ˢ +6ˢ0/ˢ . 6, 60*"ˢ - 1 08ˢ + 66.*18ˢ *4+ "0ˢ: 40 06+ ˢ5." 1ˢ *.+ .61ˢ ,1* 5 ˢ
, 0*4+8ˢ - .9*.3+0ˢ *12 " + -ˢ+*4 3+0,1* "+,*6 + -ˢ,1 1*.ˢ, *4+8ˢ * 1" 6. -ˢ .4 1 ˢ
4 9* 6.60 -ˢ ,1*, " .2.6ˢ 2ˢ5 .060 61 + -ˢ 9 .6 .ˢ 6. - 4 +ˢ 0/5066.ˢ 6.*40 -ˢ 5 1 - +"ˢ
9.6. + 6ˢ 04ˢ 0/504.6 1*ˢ - * - 0ˢ 0/ 6+8ˢ , 51*4 6< ,+ -ˢ *1*ˢ 1 + -ˢ *61* +8ˢ
0ˢ$ 1 ˢJ .*4 0+8ˢ ˢ$1 6+9." +8ˢ & - 1 ˢ ,1 - 08ˢ 06ˢ A1.**08ˢ 8E. 4.0ˢ,5 ,15+8ˢ & ˢ
- 1 ˢ . 0 ˢ,+ -ˢ ˢ." 8ˢ .4 1* 8,1*6 . .0ˢ5 *, 5 2+8ˢ 04ˢ06 . -ˢ,+*4ˢ - 1*. 6 ,. -ˢ
: 6. -ˢ5 1 0 ˢ.2ˢ0.ˢ0/,"+40 0*6+ ˢ06ˢ,060 ˢ3+ˢ *64* ˢ5. 608ˢ 0,+6ˢ4 0*6ˢ *ˢ51 60ˢ
+ -ˢ 5+2" ,1 + -ˢ - +*0 + -ˢ .4 - * 6 .6 1*0ˢ *4 9*ˢ 7.20 0*6+ ˢ 4ˢ ,+ -ˢ - +"618ˢ
6*0 61ˢ 6. 06ˢ3+ˢ 5 .060 61 . -ˢ - 0 - 1 . -ˢ 05+"6. -ˢ,+5 02.*6ˢ 06ˢ 50 .:0 .*6ˢ
6. - 0*ˢ51 6ˢ, 02 1ˢ 05066.8ˢ405 0,.6 1*08ˢ * 7 " - 506 . ˢ516+ 6ˢ ,1*6 *+13+0ˢ3+ˢ .ˢ
9 .6 .ˢ0/, 5 02. 6+ 04 4 8ˢ, 6.6<06ˢ 0:0 0ˢ .4 - 14+ -ˢ *ˢ018ˢ *3+ ˢ,1056+ -ˢ 4 1*ˢ
*1*ˢ *60 0 +*6ˢ . 60""0* 08ˢ .2ˢ0.ˢ +6ˢ9 .6+ -ˢ .,0 06ˢ + 6.* 8ˢ .ˢ 7 " 551ˢ0/,"+ ˢ
14ˢ +6ˢ ""ˢ5.6 0*6 +8ˢ 0 0*6ˢ "20 6+8ˢ,. 4 *." 8ˢ3+0 -ˢ$7 55+8ˢ 0,+ -ˢ.44+/0 .6ˢ
06ˢ51 60.ˢ 09*1ˢ5 .0 0, 6ˢ .2ˢ0.ˢ.20" 0ˢ06ˢ,+ -ˢ . 60""0*" 2+8ˢ5 1,0 2+8ˢ5+2" ,1ˢ.2 ˢ
0 0ˢ <+ 66 8ˢ 0 6

ˢ $ ˢ / - ˢS."ˢ . .8ˢ * 6 + .ˢ ,1 - 6 8ˢ .4+ - ˢ+2ˢ *61* +8ˢ"#$ 9*0 +8ˢ
0 ,*" 805 ,15+8ˢ,1 . -ˢ 7 " 551ˢ5 1ˢ,1*:0*6+8.+ 6.60ˢ:, 2. 046ˢ0+ .ˢ(5 6+8ˢ
(.*4 ˢ9 .6 .ˢ *ˢ 4ˢ * 6 6+6+ -ˢ +6ˢ 0/ˢ,+ -ˢ +24 6 8ˢ + 840ˢ 05+2" ,.ˢ,1* 6" .ˢ,1 - - +*ˢ
,. 06ˢ".+4.2 "0 -ˢ7+*,ˢ - 1 0 -ˢ$7 " 55+ -ˢ 0,+6+ -ˢ.2ˢ 5 8ˢ5060 0ˢ+6ˢ0. 3+.ˢ7.40*+8ˢ
0,0 +*6ˢ5 +40*6 .ˢ0 9.ˢ5 *, 50 -ˢ.,ˢ5.6 . -ˢ. - 1 0ˢ06ˢ 40ˢ 3+.0ˢ *ˢ,1 - - +*0ˢ5 1 ˢ
+6+ .ˢ0/ 6 - 0*6ˢ0/ˢ.* - ˢ 0*6,*6 .ˢ5 ,6 0 .*6ˢ %+ *ˢ 9 .6 . -ˢ .ˢ 090ˢ .4. -ˢ - +"6 8ˢ
:0 2 8ˢ. - 5" ,.6ˢ0. *ˢ,", - 0*6 .0ˢ06ˢ 20* 9* 6.6 8ˢ 09 .0ˢ 6.*6+ -ˢ5 - 6 .8ˢ0 0ˢ3+.0ˢ
40ˢ - . 0 2+8ˢ20*, , 8ˢ40 *,058,5* 03+0*4 8ˢ06ˢ 5"2 + -ˢ 40ˢ.,ˢ1204 0*6 .0ˢ 0 51*ˢ
+ 8ˢ 5, -ˢ ., .*6ˢ 4ˢ7.0,ˢ . - .*+8ˢ? 9+ . ˢ+*+8ˢ0/ˢ " 51*.0ˢ <- 4 , 8ˢ + 2 8ˢ
*1 - *0ˢ9 .6 .8ˢ09 6ˢ5 1ˢ5 .060 61 . -ˢ12 : 1*0ˢ .*, 6.ˢ 06ˢ ,+ . + -ˢ,1*:1, .6 1*0ˢ
%+ *ˢ 51 6+26.ˢ 3+.04. -ˢ5 16+" 6ˢ "0; 1 8ˢ .4 - 0*6 ˢ3+.0ˢ! 6.ˢ0/ˢ,1 - 5.41ˢ,1*:0ˢ
*0 .6@ .4ˢ 5 02 8ˢ1,,+5.*4. -ˢ9 .6 . -ˢ 6.6 -ˢ 0R ,1*,0 6ˢ *,ˢ*1*ˢ06ˢ1 - * .ˢ 0 0ˢ
3+.0ˢ "6 - .0ˢ4+/ˢ 0 1ˢ*1 - *0ˢ 09*ˢ ,+ .61 2+8ˢ5 1 - 0 .6ˢ .6.ˢ7.2+ 6ˢ 0/,056 8ˢ
8ˢ3+.0ˢ5 .0 4 .ˢ - 0 ,.*.*"ˢ06ˢ1,440+6." 8ˢ *4 .0ˢ*.; 9.6 1*0 - ˢ06ˢ.03+.", -ˢ,+ -
ˢ L f . 60""0*" 2+8

ˢ & /G " g" ˢ % ˢ ˢ ˢ4 ˢ I ˢ5 0B ˢ ˢ%
)$ 5ˢ4 7@ ˢ ˢ, ˢ 7ˢ ˢ4 @ˢ ˢ> ˢ ˢ, ˢ 24 0 ˢ $ˢ ˢ

. 60" ,* 2+8ˢ 71*1 + -ˢ 5. 6 , 5.6 1*0 -ˢ !50 6.2.*6ˢ '40ˢ 3+ 2+8ˢ 5.6 + -ˢ ,+ -ˢ . 602ˢ ˢ
"0* 2+8ˢ .90*4ˢ 0/ˢ 2ˢ + - 5 ˢ * +50 ˢ06ˢ ." +4ˢ 2 0: ,+"+ -ˢ .ˢ ;*4 , 8ˢ 51 0 6+ -ˢ) ˢ ˢ
$7 " 551ˢ 4,ˢ+/1 0ˢ + 6.*.ˢ4 ,,*4.ˢ 5 *, 50 " + 6.* .ˢ04+,.*41ˢ 05. .*4 8ˢ + ˢ
6.* .0ˢ .ˢ . 60"R* ˢ4 6 1*0ˢ 02+I ˢ - 1*,6.ˢ 50,+" . 0ˢ *ˢ 09*1ˢ 7.20*4.ˢ :0 6 9." 2+8ˢ
- *+0*4 8ˢ 5 .0 4 8ˢ 61""0*4 8ˢ <+ 8ˢ 1 4 *0ˢ 01* 6 6+0*41ˢ 3+.0ˢ 1 - * .ˢ .+6ˢ 0/ˢ 1 - ˢ
* *4ˢ *09. : 6ˢ .+6ˢ . - 2"9+ 8ˢ 0 51* 8ˢ .4ˢ - . 9 *, -ˢ .551 6 8ˢ 0"+ 6ˢ 12 " + -ˢ 1 41ˢ
ˢ0ˢ +1ˢ *+ - , 1ˢ40"09. :, .6ˢ 3+ˢ - 0 6 8ˢ + 8ˢ ,1* ˢ. - 5" - .ˢ 2ˢ5 .0 - .ˢ4,20 ˢ
*902. 6ˢ "ˢ50602.*6ˢ5"0*. -ˢ *ˢ +24 618ˢ<+ 4 4 1*, - ˢ +6ˢ 3+ˢ - .9 6 .6+ -ˢ 90 ˢ
"0*6ˢ *1*ˢ * ˢ *12 " + -ˢ ,0* + .0ˢ +2<.,, ,*6ˢ *+""+ -ˢ 0/ˢ * ˢ 12ˢ 09 09 .ˢ - , 6.ˢ
*12 " 6.6 8ˢ 5 .0 19.6 : .ˢ 1 *. 06ˢ 3+.0ˢ .4ˢ 70 0408ˢ * ˢ 12ˢ ,.4, -ˢ - , 6.ˢ *1*ˢ 6 .* ˢ
- 660 06+ ˢ< 5 - . .0ˢ 4 9* 6.608ˢ 06ˢ .4 - * " .6 1*08ˢ 5+2" ,.0ˢ 1" 8ˢ *12 " 2+8ˢ ,1 - ˢ
- 660 0*6+ ˢ3+.0ˢ 1 - * .ˢ + +8ˢ +6ˢ * 1"0*6 .ˢ 0/ˢ *09. : 6ˢ , - 0*60ˢ - +"6+ -ˢ *12 " ˢ
6.60ˢ 0ˢ ,71".ˢ 1* - 2 ,.0ˢ .21"0*4.ˢ ,19 6. "0ˢ 090 -ˢ 15 * 1ˢ + 6ˢ 3+0ˢ <+/6.ˢ
5 +40*60 -ˢ06ˢ ,.+6+ -ˢ5 *, 50 -ˢ . 6+ + -ˢ5"0 3+0ˢ 02.*6+ ˢ3+14ˢ50 ,+"1 + -ˢ : 40 ˢ
06+ ˢ *ˢ *1: ˢ ,9* ˢ .+ 5 , 8ˢ *1*4+ -ˢ ,1* 6 6+6 8ˢ 02+8ˢ :ˢ ,<1ˢ <+ :,*+ -ˢ 3+. ˢ<+ ˢ
4 ," 1*0ˢ 09 .ˢ 1"+61 + -ˢ " 2, 0 *ˢ + 20ˢ : .9. ˢ3+1 + -ˢ0 J .0*.6.ˢ " 2, 6.60ˢ 04 6 1*08ˢ
." 13+ ˢ5.,.61ˢ 09*1ˢ, , ˢ51 "0*6ˢ *. -ˢ :0"+6ˢ .+41 .61 + .ˢ .4ˢ ,1*<+ .6 1*,8ˢ ,1*6 .ˢ
, - 5+2" ,. -ˢ , - *. + -ˢ 4ˢ 1 0ˢ .21" 6.ˢ :0 1ˢ " .ˢ .,.40 - .ˢ 4ˢ 21*ˢ ,1* 03+ ˢ +6ˢ
<+ :,*6+8ˢ .4ˢ . 60""0* + -ˢ .,.40 - .8ˢ 6 .* 0ˢ *0,0 0ˢ 7.20.6ˢ< 06ˢ 6.ˢ .ˢ60*0 8ˢ ,+ -ˢ
. 60" ,* 2+8ˢ ,1* +, ,0 0ˢ 01 + -ˢ - 1 08ˢ - 2+0 0ˢ .,ˢ :060 08ˢ - "6.608ˢ 4051*0 0ˢ
5.+".6 -ˢ4 ,.6ˢ 8ˢ .,,04,2.6ˢ3+14ˢ<+ ,1* +"6ˢ *ˢ " .ˢ ,71".ˢ4+ -ˢ * 6 1ˢ 0* ,+8ˢ
,. 4 *." 8ˢ *ˢ .,.*6 *ˢ5. 608ˢ5 150*40 06ˢ0<+8ˢ ,.+ . -ˢ,1*6 .$7 " 55+ -ˢ50 6 *., 60 ˢ
4, ,*40 .*6ˢ4061 6 8ˢ50 ˢ ." .8ˢ *60 5 0<.6 1*08ˢ +6ˢ$7 " 55 , ˢ . 02.*6ˢ *1*ˢ 1"+ -ˢ "0 ˢ
9 2+8ˢ - 50 ." 2+8ˢ 04ˢ 06 . -ˢ ., 8ˢ ,.*1* 2+8ˢ 3+.0ˢ 08ˢ * 9*0ˢ,. 6 9.6 1* 8ˢ0/0 - ˢ
5"+ -ˢ - 0 0 ˢ: 4,2.6+ ˢ 8ˢ .6 1* 2+8ˢ 5 ˢ06 . -ˢ + 6.* ˢ3+ˢ$7 " 551ˢ .:02.*6ˢ * ˢ
4+ " ˢ ,ˢ,0* 02.*6ˢ*+*3+. *3+ 06+ .* + 6.* . - ˢ ˢ<+ :,*6+8ˢ " 60 8ˢ 150 . -ˢ 4 .60ˢ
+2ˢ 7+<+ - 14ˢ 41 61 2+8ˢ 50 - 660 ,6+ ˢ 1*6 .ˢ6. - 0*ˢ 60*+ 6ˢ 06ˢ $7 " 55+8ˢ *1*ˢ
1"+ -ˢ .,.40 - .0ˢ .*6 3+.ˢ<+ .ˢ 5 : ",9 .ˢ .,ˢ " 20 6.608ˢ 0 : . : 6< 04ˢ 018ˢ 3+ˢ ,1*6 .ˢ
5 + -ˢ , 5 , .*6ˢ 4 " - +". .ˢ9,70 1 0ˢ *<+ .ˢ 1: 6ˢ 06ˢ5 .0, 5+1ˢ . :1 0ˢ 5 1 0,+6+8ˢ
0 6ˢ ,1* - .6 8ˢ 06ˢ .+ " 8ˢ 6 50*4 8ˢ $1*6 ,/ˢ 3+ˢ * 6 1ˢ +.8ˢ 5. 608ˢ *60 51*0 0ˢ :1 ˢ
" , .6ˢ 0ˢ ,1* 04.ˢ ,+<+8ˢ . 2 6 + -ˢ,6ˢ9 .6 .*ˢ + 6 .ˢ. - 2 :, .6ˢ2 .61 0 -ˢ ++ -ˢ - 6ˢ
3+ˢ ," ,0 -ˢ +,,0"%+ -ˢ $7 " 551ˢ 9 .6+". ,6+ ˢ ,/,+ . 063*0ˢ 3+14ˢ 20""ˢ *60 *0, *ˢ
- ,6+ˢ5 1ˢ - +*0 8ˢ +ˢ*0,0"" 6.60ˢ 0,0 .6ˢ $0 ˢ0+ -ˢ51*6 ,/ˢ - 506 .6 8ˢA.,121ˢ 1* ˢ
,1 - 5.9*1ˢ " 1ˢ*.6+ ." ˢ3+0 *ˢ5 *, 5 2+8ˢ: 8ˢ<. -ˢ4 9* 6.60ˢ5. 0*6ˢ, 0,0 .6ˢ,6ˢ51 1ˢ
. - 5) ,.6 8 71*1 2+8ˢ ,+ - +".60ˢ *1*ˢ40 *02.6ˢ 71: 8ˢ .ˢ 090ˢ 6 6+" 8ˢ . ˢ - +70 2+(< : ˢ
, 6 -ˢ, ˢ50 - 6ˢ +6ˢ50 ˢE01 9 + -ˢ %. 4. -ˢ1" -ˢ& 0ˢ05 ,15+ -ˢ40ˢ,.+ 8ˢ50 4+02ˢ
7+ - ˢ .40 - 561ˢ 5 1:1,.6 1* 8ˢ 20*, , 1ˢ ,19*1 ,0 ,6ˢ 6.3+0ˢ - 1/ˢ, 6.6ˢ *61* +8ˢ
.6ˢ$ 1 ˢ,6ˢE. 4.0ˢ05 ,15+8ˢ06ˢ,+ -ˢ - * - 0ˢ,1 - 5. , ,*6ˢ6.*3+. -ˢ,1*6+ - .,08ˢ
ˢ ,1* : " ˢ ,6ˢ4 9* 6.6 2+8ˢ"., 8ˢ5 :.6ˢ +*6ˢ " ˢ06ˢ .ˢ 0*.6+&0*,61ˢ ,9.6ˢ 0 1*;B
- +8ˢ 2 51 - .*+8ˢ06ˢ; *,076 +8ˢ ˢ% 1*+8ˢ3+ˢ$7 " 551ˢ 0" , .ˢ*1: ˢ 09*ˢ .+ 5 , .ˢ9 . ˢ
6+". 0*6+ ˢ *40ˢ $7 " 55+8ˢ *ˢ * +".8ˢ + .*.0ˢ 4 6 1* 8ˢ *ˢ 6". *6 ,1ˢ - . ˢ5 1 09 8ˢ
6+"1ˢJ .*, ,* -ˢ ., . 09*. -ˢ 21 0* 0 -ˢ03+ 60 -ˢ - 66 6ˢ *ˢ"1,+ -ˢ,1 - 6 8ˢU%1 ˢ
9+ .,ˢ *+5, ˢ40 +*4 ˢ 3+1ˢ - 1 6+1ˢ ˢJ0 4 *.*4+8ˢ%,""+8ˢ (": .ˢ5 1: *, . -ˢ - - .ˢ
ˢ6 40ˢ.,ˢ5 +40*6 .ˢ 4+ -ˢ *1;+8ˢ 5 1 0/ˢ .4:0* 06ˢ - 140 .6+8ˢ 0 6
ˢ ˢ *60 -ˢ +2 3+0ˢ :0 6 9.2.6+ ˢ *. -ˢ .47+,ˢ *ˢ + 6.* .ˢ ".602.6ˢ
6.*6.ˢ515+". + -ˢ .,ˢ +1 + -ˢ 40ˢ , :.6+8ˢ +6ˢ 3+. - : 8ˢ - .9* 8ˢ 5 151 6 8ˢ 5 .0 - 8ˢ 06ˢ
50 ˢ,/5"1 .61 ,8ˢ 1 - *0 -ˢ 150 . -ˢ 0 1*; - +8ˢ 0*41C.ˢ06ˢ - - .*+0" ˢ$1 6+9.""+8ˢ
& - 1 ˢ 5.6 ++8ˢ .4ˢ0+ -ˢ ,1""13+ 1ˢ .""0*4+ -ˢ 4. 0*6ˢ *+"3+. -ˢ 050 ˢ516+0 6ˢ 8

& - 1 + -

-ˢ ˢ ˢ ˢD ˢ á . ˢ , * ˢ ˢ $ " ! $ · . ! $ ˢ ˢ !/*)ˢ :; ,
2 ˢ ˢ. $ 21 ! ! ˢ. 6ˢ ˢ / ˢ 2 ˢ; #

1 F ,ˢ !ˢ -ˢ '

ˢ& - 1 + -ˢ ,1* 60-ˢ *ˢE."" . -ˢ06 *9" . *ˢ5 .0- 0 .6ˢ3+ˢ: , 1 + -ˢ5 *45+-
,+8A"" 150-ˢ ,1*6 .ˢ ,1 - *+*0-ˢ71 6, -ˢ - 5"1 . 0 6ˢ 0 .6 06 - - . *+,"0-ˢ (": . -ˢ
.ˢ%+ 8 : 4 8 ,1* 60-ˢ'3+ˢ2 *4 *+ -ˢ ,+ -ˢ<. -ˢP . - 0 . ,+ -ˢ:0* 06ˢ ,1*:0* 6ˢ
4ˢ - ."0ˢ$7 " 55+ -ˢ7.202.6ˢ"3+ ˢ 3+1ˢ *".<1 0 -ˢ0 9.ˢ 0 + .*1 +*ˢ 40 -ˢ0/50 0ˢ
2.6+ ˢ *61* +8ˢ6.*61ˢ - .9 8ˢ40ˢ*1: 8ˢ *ˢ 09*1ˢ*+50ˢ5. 61ˢ - 16 2+8ˢ 2ˢ - ,6+0*4+ -ˢ
*60"" 902.6ˢ 6.3+0ˢ06ˢ5 .0 4 .ˢ5. " -ˢ 5. 90 0ˢ06 ,". 0*ˢ *ˢ%.9ˢ .0 6+. 1ˢ6,*0 0ˢ
,1902.6+ ˢ - .9*.ˢ *4 90*. + -ˢ1 0* 1*0ˢ06 *,1 - * 141ˢ3+ ˢ 0 1ˢ0 1 0ˢ,19* 61ˢ
,+ -ˢ 0ˢ +*4 3+0ˢ.ˢ . 60""0* 2+8ˢ3+. ˢ12 0 "28ˢ: 40 0*6ˢ - +6+ 8ˢ 0ˢ *, 05.6 17 2+8ˢ
*,+ .2 6ˢ3+14ˢ*1*ˢ,1*<+*4 8ˢ.* - 8ˢ06 : 2+8ˢ.+6ˢ0 * 6 1ˢ 6 0*+0ˢ40 0*4 ,*6ˢ
.+6ˢ5 1" 20 6.60ˢ5.6 .0ˢ71*1 , 8ˢ,1*4 6 1* 2+8ˢ,+ -ˢ$7 " 551ˢ6 .* 09 0*6ˢ *61B
* 18ˢ 40ˢ +1 + -ˢ,1* "+8ˢ1 - * .ˢ *ˢ + 20ˢ.4ˢ5 1 04 1*0 -ˢ5. . :0 .6ˢ *03+0ˢ01ˢ:0B
* 0ˢ4+2 6 .: 6ˢ3+.*6+ - : 8ˢ5.+"1ˢ.*60ˢ$06 +8ˢ2 "5108ˢ<+ 8ˢ50 6+8ˢ12ˢ 4U " " 51*.0ˢ
ˢ ,1 - 5 070* +8ˢ 06 0 - *ˢ5. 60ˢ,1* 0 +8ˢ0/6 0 - 0ˢ +55" , 1ˢ. 04+8ˢ + "%,6ˢ + -ˢ
8ˢ, . +8ˢ0<+8ˢ4 ,0"%+ -ˢ 06. 4."%06ˢ51 6 0 - 1ˢˢ 0612 9. -ˢ,1*60*4 6ˢ +2 ˢ*. :0ˢ .ˢ
6. : , .ˢ51 6+8ˢ8ˢ *,7+ .*ˢ ,+<+8ˢ*. : . ,7+8ˢ0 .6 1 *0" +8ˢ , - +*4.*+8ˢ"1,ˢ.+ ,1ˢ
- -ˢ5 06 1ˢ,1*4+4.ˢ,+ - J .*, , .*1ˢ3+14. - . - .*+0"0ˢ(": . %71 - .ˢ . ,7 0 1ˢ
ˢ 4. ,1ˢ 1 ""1ˢ 1* 6. .6 *1ˢ2 61*0ˢ 4. ,1ˢˢ . 0 - .ˢ06ˢ5.+, 8ˢ." 8ˢ 4 8ˢ,1*ˢ
,0* .ˢ ."06+ -ˢ:0 8ˢ,+ + -ˢ60*+ 6ˢ,+ -ˢ.2ˢE412 ˢ.**ˢ +50 1 8ˢ3+1ˢ\ˢ& .ˢ
. -ˢ 0" 3+0 .6ˢ.4ˢA+ + -ˢ+"3+0ˢ - 0* 0 -ˢ - 5+*0ˢ *ˢ 09*1ˢ".6+ "%06ˢ +" , 8ˢ,+<+"ˢ
4. -ˢ*1 - *0ˢ 0.6 , 8ˢD 1*".": .0ˢ,+<+8ˢ .60ˢ 1 - * ,+8ˢ,+ -ˢ *61* 1ˢ *ˢE."" .* :ˢ
5 1 04+8ˢ0 6ˢ 40ˢ06 . 6+ˢ4ˢ .4+ -ˢ51 60.ˢ , 56 8ˢ5 14 4 6ˢ 5 ,ˢ *61* +8ˢ ,+<+Nˢ12ˢ 4ˢ
0 9 0 -ˢ ,+ -ˢ +9.ˢ 2ˢ *ˢ60 - 51 0ˢ,1* +"+ "06ˢ5.6 2+"1ˢ. 9ˢ<+" 6ˢ$7 " 55.8
!ˢ; = ˢ + .0ˢ4 - .0ˢ +0 .*6ˢ+ 06$7 " 55+8ˢ ˢ4 08ˢ %1 - . .0ˢ,1 -ˢ
- 1 . +8ˢ ˢ(.*6. 0*+ -ˢ:0* 6ˢ06 "- 0 *+ -ˢ5 .6 1ˢ 09. % * 9*0 -ˢ"1,+ -ˢ *40ˢ
,+ -ˢ.4ˢ+ 2, -ˢ:0* 0ˢ 0 6 *. 06ˢ*1*4+ -ˢ6. - 0*ˢ .+ 6ˢ * 8ˢ , 6 8ˢ.55. .6 2+8,1*ˢ
04 8ˢ "- .4. -ˢ *ˢ.4:0 .ˢ%.9ˢ 5.ˢ40 "0/ 6ˢ"1,1ˢ.4, .5 0*4+ -ˢ6.*6+ -ˢ,1 - 6.6+ -ˢ
: ."40ˢ *,1 - - 141ˢ06ˢ6.*40 -ˢ - ˢS."ˢG+ *6 "ˢ3+ˢ4 08ˢ ˢ$06 1ˢ . ,0ˢ0 6ˢ,1* ,0* 8ˢ
6 0 . 2+8ˢ3+.8ˢ ": . +8ˢ . ". **8 .*4.0ˢ, +, 8ˢ* . ,7 1ˢ.44+/0 .6ˢ.4ˢ50*60 -ˢ"9ˢ
0+ -ˢ5. .6+ -ˢ0/",0 1*0 -ˢ0, 6ˢ*1*4+ -ˢ,1* + - - .6 8ˢ.55. .6 2+8ˢ06ˢ.2ˢ 041 0ˢ
Iˢ$ *.ˢ - .9 6 .6+8ˢ, . - 0 .0ˢ5 - . 1ˢ: 1ˢ*1 - *0ˢ+* :0 . ,ˢ, : 6.6 8ˢ ."+6.6+8ˢ0 6ˢ7.ˢ
2 6.ˢ1 .6 1*0ˢ: .* 6.6 8ˢ 4 ,+".0ˢ5"0*.ˢ3+.ˢ1 2 8ˢ6, . + -ˢ * . / - .0ˢ, : 6.6ˢ4,20ˢ
5160*6 - + -ˢ60 . + -ˢ - 1*. ,7. -ˢ. 02.6ˢ 0/,+ .6.3+0ˢ, : + -ˢ *ˢ12 03+ 1ˢ40 0ˢ
,*41ˢ6. 4 6.60ˢ 0+ˢ 09* 6 0ˢ6.*406*ˢ 0 , .6.ˢJ0 4 *.*4ˢ$ *.0ˢ90*6 " 8ˢ +ˢ.2ˢ *ˢˢ
61* 1ˢ *64 04 +6ˢ +5 .ˢ4 / - +8ˢ - 0 - 1 .ˢ0. *ˢ+6ˢ 09* 5 *, 50 -ˢ ,5 - . - 5 1ˢ
40ˢ$7 " 551ˢ402 6.ˢ .*9+ *0 -ˢ +4 0ˢ,1*60 ".2.6+ ˢ 0 - + -ˢ0/,+ .6.ˢ12ˢ5 .060 R.8ˢ
, .". * 6.608ˢ.55. .6++ -ˢ60*+ 6.60ˢ.4ˢ0/6 0 - + -ˢ +2< , 02.6ˢ6.*6+ -ˢ 2 +" 6.*1840ˢ
$7 " 55ˢ20* 9* 6.60ˢ51"" ,0 ˢ +6ˢ*1*ˢ710 09*+ -ˢ40 *,058ˢ . 60""0* ˢ+* 6+ -ˢ 04ˢ
,060 .ˢ 5 +8ˢ 09*.ˢ,+ -ˢ$1 6+9.""0* ˢ,1* + .ˢ,0* 0.*6+ ˢ *40ˢ +2ˢ+ .* 01ˢ - .9*.ˢ
51 - 5.ˢ.4ˢ5 - . . -ˢ.040 -ˢ404+4+8ˢ,+ -ˢ5 0, 2+8ˢ.4ˢ 0+ -ˢ40 +*4+8ˢ0"%06ˢ.4ˢ5.ˢ
".6 + -ˢ50 0/ 6ˢ*12 " 6.60ˢ504 2.8ˢ51 - 5. -ˢ 03+0*60ˢ06ˢ5"020ˢ, ,+ - + .ˢ3+.0ˢ *F
6.ˢ"0: 6.60 ˢ+6ˢ *+50ˢ *61* + -ˢ ,ˢ*+*,ˢ$7 " 55+ -ˢ 0 6 8ˢ,". - 1 2+8ˢ06ˢ,1* + 1ˢ
5".+ ˢ5 1 03+02.6+ˢ<ˢ5 +40*6 1 2+8ˢ *60 -ˢ: ,0 -ˢ 09 ˢ.4* .*6 2+8ˢ :0ˢ405"1ˢ
.*6 2+8ˢ3+14ˢ2 0** 1ˢ3+ *3+0ˢ 0908ˢ;0"+6ˢ7.2+ 06ˢ3+.ˢ, . ++ -ˢ: . 00.60ˢ 0+8ˢ - ˢ
0 18ˢ515+"18ˢ4 :0 .ˢ50 60ˢ.4 " / 06ˢ06ˢ(02. 6 .*ˢ 0 - 0 6.60ˢ 0* ,ˢ "+4+.*60ˢ - ˢ
5 +40*6 .ˢ,+ .61 + -ˢ 09*ˢ4 ,1 4.*6 2+8 6+4 8 *61* ˢ6; .** 40ˢ,6$7 " 55ˢ. - 8ˢ
.,ˢ5160*6 .ˢ3+. 40 6 *.6 8ˢ .0ˢ+.0ˢ ".90"" 8ˢ + +8ˢ01 - -ˢ". 0 : 0*60 -ˢ,15 . -ˢ.,ˢ50ˢ
6+".*6 . -ˢ.4ˢ *15 . -ˢ.,ˢ 6 - - .8ˢ.*9+ 6 .8ˢ.44+/ 06ˢ) 902.*6ˢ5 1,0 ,8ˢ+6*1:+8

ˢ -!ˢ ˢG"4" ˢb , ˢ ˢˢ .ˢBD 0 ˢ ˢ B' 0ˢ - ˢ 2ˢ5$', ˢ + ' ,
ˢ G .' 0$ ˢ .' ˢ ˢ ˢ" 0$ˢ ˢ ˢ%) ˢ] ˢ ˢ , ˢ , ˢ
6 ˢ ˢ b+ ˢ & ˢf ˢ ˢ% (ˢ ˢ+ ˢ #ˢ ˢ ˢ4 ˢ

0/ʼ6 6+"18ʼ,1 - - 0*4.8ʼ3+.8ʼ:1,.*6ʼ.,ʼ5 .0 - .ʼ *60ʼ018ʼ4 : 40 06ʼ (04ʼ,+*4.6 1*0ʼ "
**.6.ʼ$7 " 55+8ʼ ,1 - - ʼ ".9 6.6 1*08<ʼ 3+.*6+ - ʼ *ʼ 0ʼ 0 .6ʼ + 6 .2.6+ ʼ 6. - 0*ʼ +6ʼ *ʼ ' #
50, 0 - ʼ ." 3+1ʼ - 141ʼ 01 + - ʼ :16 8ʼ .6 8 .,0 0ʼ & 40 06+ ʼ J .*, ,6 - (.4. - ʼ +*+ - ʼ
,/ʼ 09*ʼ,+ .62 2+8ʼ 06ʼ J0 .*4+ - 1 19*. - ʼ,1 - 608ʼ, 0.6ʼ 7 61571 - - ʼ 1 ʼ
. - ʼ , . - 0 . ʼ 6 6+"1ʼ 1 * .6 ʼ 06ʼ N06 + - ʼ ",. 1:. - ʼ 3+0 *ʼ 0* ,+8ʼ * 0 61ʼ .401ʼ
.* - 1ʼ * 04.6+8ʼ +0 .6ʼ 71*1 2+8ʼ 0 6 6+ 6ʼ N6ʼ, . - 0 . + - ʼ 60 - ʼ ., 6ʼ 0ʼ,060 1ʼ,+ - ʼ
A 2,""1 + - ʼ +55" ,+ - ʼ - +"6 6+4 *0ʼ 12 +0 06+ ʼ 06ʼ + +8ʼ - +"6 6+4 *0ʼ ,1* " . 1 - - ʼ
14 1ʼ 06ʼ. - 1 0ʼ *ʼ 4 :0 .ʼ .56.61 + - ʼ 0 06ʼ +6ʼ "0916 .ʼ 0/5" ,. ʼ *1*ʼ 51 %0*6ʼ 02 + - ʼ
3+ ʼ - 0 ,0408ʼ 50602.*6ʼ ,.+ .8ʼ .4ʼ 4+2 + .ʼ ,1*, " + - ʼ 0:1,.: 6ʼ " ʼ +0 +*6ʼ *6
U$ 9*0 - 8ʼ 0 .0ʼ 05 ,15+8ʼ 06ʼ 7 61571 +8ʼ 1 .ʼ ""0ʼ 3+ 40 - ʼ - 1 6ʼ 5 1/ - 48ʼ
04ʼ - 0*6 8ʼ 20*0ʼ ,1 - 518ʼ 3+14ʼ *+"" 8ʼ,7. 6.6 2+8ʼ 6.*90 06+ <ʼ 01ʼ - .<1 0 - ʼ, 6 .ʼ. - 1 ʼ
"0 - ʼ,+<+ 3+0ʼ - , 61 + - ʼ .6 1*0 - ʼ 7.2 6+ - 8ʼ : 402.6+ ʼ 7 0ʼ 3+14ʼ .ʼ $7 551ʼ *ʼ.+".ʼ
+.ʼ 04+,.6+8ʼ 06ʼ 5 12+8ʼ 7.20 06+ ʼ J.4.ʼ 06ʼ 508ʼ + 6.* 8ʼ .4ʼ ,1 - 51*0*4.ʼ,1 - - ʼ
<. - ʼ *1*ʼ 1,,+"6.ʼ - + - + .ʼ +6ʼ . .ʼ +9+ 6.ʼ $7 " 55 ʼ 1 1 ʼ 3+.0ʼ 0ʼ E0 - .* .ʼ 71,ʼ
.**1ʼ *ʼ 6." . - ʼ :0* 6ʼ 06ʼ A1.** 8ʼ *4 0.0ʼ ʼ + .0ʼ 6 0 - 2+8 *ʼ 5.* . - ʼ 4051 6.6.ʼ
0 6ʼ 09*1ʼ 5 .07,0 06+ ʼ 3+.0ʼ 06ʼ 12ʼ 4 9* 6.60 - ʼ 50 1*.0ʼ 06ʼ 3+14ʼ - .6 0ʼ + 6.*.ʼ
5 19*.6.ʼ 0 06ʼ 515+". + - ʼ 20*0:1"0*6 . - ʼ .6 ʼ ,1*, " .6+ .ʼ, 0402.6+
ʼ 7 ʼ *ʼ + 6.* .ʼ 5 1ʼ 60 - 51 0ʼ ,1* 6 6+6 8ʼ * +". + - ʼ,+ .ʼ $7 " 55+*.ʼ
.*/ + - ʼ 60*02.6ʼ - 0 61ʼ :0 6+ - ʼ *0ʼ ,15 8ʼ 0/ʼ E."" .ʼ 06ʼ *9" .ʼ .2ʼ *61* 1ʼ + - - " 8ʼ
* +".*ʼ ,1* - .6ʼ 51 1ʼ *ʼ 02,"" 1*0ʼ 50 90 0*6ʼ 0/0 - 5"+ - 3+0ʼ .4ʼ ,060 18ʼ 09*ʼ
0 + 4, - ʼ +24 618ʼ 0 - .*. ,6ʼ 4ʼ ʼ %0 6 . - ʼ - 8ʼ +06.6ʼ $06 +8ʼ f . 408ʼ,+ - ʼ. - 5" " ʼ
- 8ʼ - .*4.6 8ʼ 3+ʼ .55+" +ʼ 5 17 2 6+8ʼ 5 06 3+0ʼ .2ʼ 01ʼ 5 151 6 8ʼ ,1*4 6 1* 2+8ʼ 0ʼ
,+ - ʼ: 2+8ʼ 3+.8ʼ 7.202.6ʼ 1,,. 1*0 - ʼ 1550 0*8ʼ *ʼ: , *. + - ʼ * +". + - ʼ " 61 2+8ʼ
,1 Q6 *02.6ʼ + - ʼ 01ʼ, .*6ʼ +4ʼ ? ."%.*+8ʼ A1 ʼ 1+ .":+8ʼ 4.,+8ʼ ʼ . 6 0* 8
ʼ &."".4. ,8ʼ (. - 0*6+8ʼ +41: ,+8ʼ 20 .ʼ 4.,+8ʼ &."408ʼ $1 6,.ʼ $06 1ʼ + - - " 8ʼ
,+ - ʼ *1: 8ʼ: 2+8ʼ +5+8ʼ J 90 1.ʼ +6ʼ,1*<+*4 8ʼ,+ - ʼ $06 1ʼ,15 8ʼ * +". - ʼ: ʼ *ʼ 53ʼ
60 6.60 - ʼ ,4 90 ,6ʼ + - ʼ J 90 1.ʼ *ʼ 6 *0 0ʼ 0 "06ʼ &."408ʼ ." 3+16 08ʼ 0/ ,0* 1*0ʼ .4.ʼ
.4ʼ,.5 0*4.8ʼ + 61ʼ +:.8ʼ,+ - *09" 90*60ʼ 6.6 1*08ʼ 12 ,19*1: 06 .47.0,ʼ - 06+0 06ʼ
*, ʼ ʼ .4:0*6+ - ʼ 1550 06+ ʼ 50 .6.0ʼ 9"1 .0ʼ +4+ - ʼ. - 660 06ʼ ,1*.6+ - ʼ * 6 9.*60ʼ
4.,1ʼ &."40ʼ *60 - 50 6 :.ʼ:.* 6.60ʼ 5 .0, 5 6.: 6ʼ 06ʼ (ʼ A.,12ʼ 4 0ʼ .4ʼ * +". - ʼ 0 0ʼ
,15+" 8ʼ * ʼ .2ʼ +*.ʼ 5. 60ʼ 3+. - ʼ + 6.*ʼ 51 6 8ʼ *ʼ 6+ - +"1ʼ :ʼ 0 0 8ʼ 61ʼ - 0*6 8ʼ - + ʼ
* :0 .*6ʼ:."".6. - ʼ ,.57.8ʼ *60ʼ *9 . - ʼ 06ʼ $ . . - ʼ.550"" 6ʼ) 5 - 13+0ʼ - 506+ʼ 40ʼ
<04.ʼ 6.6 1*0ʼ 06ʼ 1,,+5.6 8ʼ 61 - 0*6 8ʼ 4+ - "1,+7ʼ * +* 0ʼ.99 04 6+ ʼ 6.6 *ʼ .4ʼ . - .ʼ
ʼ + 20ʼ,1,". - .6+ ʼ 06ʼ .4ʼ 5+" + - ʼ 6 *6 **.2+"1 + - ʼ,1*,+ +ʼ .41ʼ, ,+ - +*4 6+
.6ʼ *ʼ + 20ʼ A1.**08ʼ 1 06.*,+ +8ʼ 5 - . +(ʼ, ; 8ʼ .ʼ 06.*,+ 1ʼ ""1ʼ *1 6 .60ʼ 3+ʼ
5 - +8ʼ C1 .8ʼ "+ 6 .: 6ʼ 0."3+0ʼ + 6.* 8ʼ :0*4 4 6ʼ 70+6ʼ " 1ʼ "1,1ʼ 4 / - +8ʼ 90*+8ʼ 4+ ʼ
,0*8ʼ 3+ ʼ $7 " 55ʼ 5. 6 2+8ʼ .44 4+8ʼ,+ - ʼ,ʼ 155 4.* 8ʼ,1* 0 8ʼ $7 " 55ʼ *1 - *0ʼ *,".ʼ
- .61ʼ - 1*6.*18ʼ - 1/ʼ ,1*,+ + 18ʼ - +"61 3+0ʼ *1 - 0*ʼ 7+ ,ʼ - " 6 .0ʼ 4.6+ 18ʼ 60 - 0ʼ
. .ʼ 4+, .ʼ 2ʼ 50 +. 0 .6ʼ 8ʼ:0 2.ʼ 5 1ʼ .4 8ʼ 05+6.*8ʼ 1, 1 + - ʼ 5 1 - " 8ʼ 40,05N
6+8ʼ,+ - ʼ * 9*ʼ 71,ʼ 150 .0ʼ 5 06 1ʼ .41ʼ - .9*. - 0ʼ 9 .6 . - ʼ.ʼ $7 551ʼ * 6+ + - ʼ 50ʼ
. 06ʼ 40+ 20ʼ *ʼ 5160 6.60 - ʼ 04 90*4.ʼ,1* " + - ʼ, .5 6ʼ +2".6.3+0ʼ :1,0ʼ 06ʼ *1 - 0*ʼ
$7 " 55ʼ +2 3+0ʼ, 0*8ʼ,+ - ʼ *0 - 1ʼ. - .ʼ,.50 06ʼ .ʼ 5"020ʼ, ,+*4.6+ ʼ ' - .9* 3+0ʼ 20ʼ
*, , ʼ "1,1ʼ 4+/ 6ʼ 3+14ʼ,+ - ʼ 5.+, 8ʼ 3+ʼ,+ - ʼ 01ʼ 0 .*6ʼ - ."0ʼ.ʼ + 0 "6 2+8ʼ - +"4.6+8ʼ
,,60 + - ʼ: 6.ʼ .":.ʼ *ʼ,. ,0 0 - ʼ,1*<04+8ʼ 0 6ʼ A. - 3+0ʼ 2 8ʼ - " 0ʼ. - 5" +8ʼ + 6.*ʼ .4ʼ
6+ - +"6+ - ʼ,1*:0*0 .*6ʼ 3+1 + - ʼ: 2+8ʼ 06+8ʼ ʼ E;5 .*+8J 90 04+8 3+ʼ "1,1ʼ 5 .0ʼ
, .6ʼ,1*6 .ʼ "5.*18ʼ 4+, 6ʼ 3+1 + - ʼ 40ʼ *+ - 0 1ʼ *,0 6+(ʼ +6ʼ: , " - ʼ 018ʼ .""0 06 06
6+ - +"6+. 1

% $ ʼ $ 2 ʼ % " $ f ʼ !# / " " ʼ / / " / ʼ ʼ $ 2- 2 ,
f ; ! $ 8 ʼ 0 . $ ʼ)ʼ ? ʼ !$ F 8 2ʼ ' !ʼ ʼ 2 , ʼ ʼ
\ʼ $ʼ+ ʼ \ʼ ʼ 4 ʼ D ʼ % . ʼ ʼ ʼ ʼ>
ʼ ʼ

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ˁ6* - +"6+. 1ˁ: ,"+6ˁ: . "1ˁ 0ˁ4W 0*4W 06 . 6+ˁ+ 8ˁ0 6ˁ0/ˁ,1*" 1ˁ +9+ 6 * . * ˁ,+<+ 4 -
ˁ ""ˁ0 0 - 6.0ˁ3+ ˁ+6ˁ." ˁ : 6. - ˁ - 1*. 6 , . *.ˁ5 1 0"" ˁ6 - . ," ,0*6 .ˁ9 ."%.*60ˁ 0ˁ 02+8ˁ20"ˁ
" , 8ˁ - - ,02.*6ˁ 6.3+0ˁ 21:08ˁ 3+1 + - ˁ - .9*+8ˁ *ˁ * +".ˁ*+ - , +8ˁ+*4 3+0ˁ,1*ˁ
3+ 6ˁ06ˁ 6 - +"8ˁ,1*6 .ˁ71 60 8ˁ *, 6.6 ˁ6.*6+ - ˁ5+":0 0 - ˁ, /, 6. +*6ˁ+6ˁ "5.* ˁ + ˁ
6.*18ˁ 51*0ˁ 03+0*60 8ˁ 4 9*1 ,0 0ˁ*1*ˁ51 0*6ˁ06ˁ ,1* +*561ˁ5 1 2+8ˁ,+ - ˁ * + ˁ
".* 8ˁ:0"6.6 1* 2+8ˁ * 6 1 1ˁ5+":0 0ˁ06ˁ9".*4 2+8ˁ 0 ˁ06ˁ 0 0ˁ *0 - 08ˁ.4ˁ ,.57.8ˁ,1*ˁ
+90 0ˁ,1.4 ˁ *6ˁ<. - ˁ 6.60ˁ - . ˁ 6.ˁ+6ˁ,+ - ˁ.4ˁ"6+8ˁ.550""0 0ˁ,1 - - 140ˁ*1*ˁ51 ˁ
0*6ˁ - +"6ˁ - . 0ˁ *9 0"" ˁ06ˁ: /ˁ9+66+ 0ˁ.3+.ˁ0/6.*608ˁ.,ˁ , 02 .ˁ<* 03+0*6 + - ˁ4 ˁ
5"1 1*0ˁ * 0 6.6 ˁ - 0 0ˁ50 0 *6ˁ +"6ˁ *60 04 ˁ - +"6ˁ "+4 2+8ˁ" .+ 6 ˁ*0 - * ˁ
0/.,0 2.6 8ˁ - .9 8ˁ:060 0ˁ14 1ˁ3+. - ˁ *<+ .ˁ 0,0*6ˁ.* - 8ˁ9 .6 .ˁ .4. ˁ , , , ,ˁ. - ˁ
5" +8ˁ0/ˁ 5.* 8ˁ40 40 .6 ˁ *ˁ 8 4.,+8ˁ&."408ˁ60 - 0 . ˁ,1*.6+8ˁ *,0*61 ˁ06ˁ +4
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- 1 6+18ˁ06 . - ˁ .0: 6+ - ˁ' 06ˁ.ˁ" / 8ˁ 3+.ˁ, .5 60ˁ3+.ˁ2 .,7 8ˁ3+.ˁ1 + 2+8ˁ6 +*, .6.ˁ
0.4.:0 . ˁ 34.0ˁ .4ˁ0/6 0 - + - ˁ - - .* 60ˁ".,0 .6.ˁ3+."ˁ *ˁ6 + - 57+ - ˁ.2ˁ * 1"0*4ˁ
: 41 0ˁ *ˁ + 20 - ˁ 0 61ˁ5".+ +ˁ06ˁ ,+ - ˁ 6 5+4 8ˁ 0".6.ˁ +* ˁ5 14,+*6 2+8ˁ .4ˁ: 4 1 8ˁ
1,, + - ˁ06 . - ˁ ., 1 + - ˁ ,1""09 1 + - ˁ 14." 2+8ˁ 3 ˁ *1*ˁ ,1*60*6ˁ6. *ˁ , - 40"ˁ
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J. - .ˁ + 6ˁ3+1 4. - ˁ,1 4.ˁ* 7 " 0*6 0*6 2+8ˁ0/6 ./ "0ˁ06ˁ0/ˁ 8ˁ5 .0ˁ .2 0ˁ409+ 6. "0ˁ
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CIↃIↃLXXXI. cum Eliſabetha Anglorum regina, ob religionis diſſidentiam ab initio ſemper contra-
HENRICUS III. dixiſſe diceret, et fratrem ab eo conſilio ſemper dehortatum eſſe: cum vero impedire non poſſet, poſtremo aſſenſiſſe, et fratrem chariſſimum, tanti regni ſubnixum opibus, amicum quam hoſtem habere maluiſſe: ne vero in Belgium proficiſceretur, aut conditiones ab Ordinibus delatas eorumve patrocinium acciperet, praecipue inſtitiſſe; et crebris edictis prohibuiſſe, ne delectus per regnum haberentur, neve nobilitas extra regnum injuſſu ſuo militaret: ſed neque id a ſuis impetrari potuiſſe: tandemque eo rem per bella civilia et turbas praeteritas adductam experimento comperiſſe, ut aut domi bellum habere aut foris militandi ſuis poteſtatem facere, quantumvis invitus, cogeretur: quod autem Antonius electus rex Portugalliae in regno acceptus ſit, id honoratiſſimae reginae parentis, cui nihil non debeat, voluntati ac juſto deſiderio datum; quae cum jus ſibi competere in regno Portugalliae contendat, ſalvo foedere, quod Gallis cum Hiſpanis intercedit, et jure ſuo ſe facere putat; praeſertim cum vi, non juris via ab eo excluſa ſit; ſi cum iis, qui jus in eo ſibi tribuunt, pari injuria violatis, conſilia conjungat. His rationibus potius a rege Philippi expoſtulationibus reſponſum, quam ſatisfactum eſt; qui, etſi intelligeret vera eſſe quae rex diceret, regemque otio gaudentem invitum facere ſciret, quo pacem in regno haberet, ut ad Andini fratris et reginae parentis immodica deſideria conniveret; tamen ad famam pertinere exiſtimans, ne tantam injuriam inultam ſineret, ad antiqua conſilia de rebus apud nos turbandis odium irreconciliabile adjecit, quo tandem occaſionem nactus ad florentiſſimi et potentiae ſuae aemuli regni perniciem defunctus eſt.

XXVII. Hoc anno Jo. Bapt. [a] Antonellus, de quo ſuperioribus libris diximus, cum de Tagi navigatione perducenda [b] Toletum uſque ſpem feciſſet, opere juxta admirando et illis provinciis utili, rem aggreſſus eſt; ita duorum regnorum, ut antea ſemper animis, ſic impedimentis a natura poſitis disjunctorum, per mutuam ſubvectionis commoditatem conjunctione quodammodo tentata, ac poſt decennium conſummata.

INTERPR. [a] *Antonelli.* [b] *Tolede.*

FINIS TOMI TERTII.



LONDINI, imprimebat JACOBUS BETTENHAM.

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